

**GROUNDWATER PERIODIC MONITORING REPORT
JANUARY THROUGH JUNE 2024**

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

January 2025

Contract No. W912PP22D0014
Task Order No. W912PP23F0040

Prepared for:



U.S. Army Corps of Engineers
Albuquerque District
4101 Jefferson Plaza, N.E.
Albuquerque, New Mexico 87109

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE (DD-MM-YYYY)		2. REPORT TYPE		3. DATES COVERED (From - To)	
31-01-2025		Groundwater Periodic Monitoring Report		January through June 2024	
4. TITLE AND SUBTITLE Groundwater Periodic Monitoring Report January through June 2024 Fort Wingate Depot Activity McKinley County, New Mexico				5a. CONTRACT NUMBER	
				W912PP22D0014	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Carrie Ross, Project Manager, Parsons Government Services, Inc. Jeff Ockerman, Project Manager, Eco & Associates, Inc. Ross Surrency, Project Geologist, Eco & Associates, Inc.				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				W912PP23F0040	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)				8. PERFORMING ORGANIZATION REPORT NUMBER	
Parsons Government Services, Inc. 999 18 th St., Suite 1555N Denver, CO 80202					
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
U.S. Army Corps of Engineers Albuquerque District 4101 Jefferson Plaza, N.E. Albuquerque, New Mexico 87109				USACE	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.					
13. SUPPLEMENTARY NOTES This report was prepared for submission to the New Mexico Environment Department-Hazardous Waste Bureau as required by Resource Conservation and Recovery Act permit U.S. Environmental Protection Agency identification number NM 6213820974.					
14. ABSTRACT This Groundwater Periodic Monitoring Report documents the activities conducted from January through June 2024 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 Fort Wingate Depot Activity, groundwater, monitoring, nitrate, explosives, perchlorate, volatile organic compounds					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19. NAME OF RESPONSIBLE PERSON
					George H. Cushman IV
16a. REPORT UNCLASSIFIED	16b. ABSTRACT UNCLASSIFIED	16c. THIS PAGE UNCLASSIFIED	SAR	269	19a. TELEPHONE NUMBER (include area code) 703-455-3234

Standard Form 298 (Rev. 8/98)
Prescribed by ANSI Std. Z39.18

FINAL APPROVAL LETTER PLACEHOLDER

Upon approval by the New Mexico Environment Department – Hazardous Waste Bureau of this Groundwater Periodic Monitoring Report, a copy of the signed approval letter will be placed here.

DOCUMENT CERTIFICATION

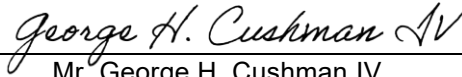
Groundwater Periodic Monitoring Report January through June 2024

Fort Wingate Depot Activity, McKinley County, NM

40 CFR 270.11

January 2025

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



Mr. George H. Cushman IV
Base Realignment and Closure Division (BRAC), BRAC Environmental Coordinator (BEC)
Fort Wingate Depot Activity, BRAC Operations Branch
DCS G-9, Environmental Division

GROUNDWATER PERIODIC MONITORING REPORT
JANUARY THROUGH JUNE 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

January 2025

Contract No. W912PP22D0014
Task Order No. W912PP23F0040

Prepared for:
U.S. Army Corps of Engineers
Albuquerque District
4101 Jefferson Plaza, N.E.
Albuquerque, New Mexico 87109

Prepared by:
Parsons Government Services, Inc.
999 18th St., Suite 1555N
Denver, Colorado 80202

and

Eco & Associates, Inc.
400 North Tustin Avenue, Suite 365
Santa Ana, California 92705

DOCUMENT DISTRIBUTION LIST

Groundwater Periodic Monitoring Report January through June 2024

Fort Wingate Depot Activity, McKinley County, NM

Organization (Name)	Number of Printed Copies	Number of Electronic Copies (CD)
JohnDavid Nance, NMED HWB	2	2
Neelam Dhawan, NMED HWB	with Nance	with Nance
Michiya Suzuki, NMED HWB	with Nance	with Nance
Dale Thrush, EPA Region 6	0	1
George Cushman & Cheryl Frischkorn, FWDA BEC c/o Admin Record, OH	1	1
FWDA c/o Admin Record, NM	1	1
Ian Thomas, BRAC	0	1
Alan Soicher, USACE Albuquerque District	0	1
Ben Moayyad, USACE PDT	0	1
Laberta Farrell, BIA SW, Zuni	1	1
George Padilla, BIA-NRO	1	2
Sharlene Begay-Platero, NN	1	7
Darren Sanchez, Zuni Tribe	1	8
TOTALS	8	26

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

TABLE OF CONTENTS

1		
2	REPORT DOCUMENTATION PAGE	2
3	FINAL APPROVAL LETTER PLACEHOLDER	3
4	DOCUMENT CERTIFICATION	4
5	DOCUMENT DISTRIBUTION LIST	6
6	LIST OF FIGURES	8
7	LIST OF TABLES	9
8	LIST OF APPENDICES	10
9	LIST OF ABBREVIATIONS AND ACRONYMS	11
10	EXECUTIVE SUMMARY	13
11	1.0 INTRODUCTION	15
12	1.1 Site Description and Activities	15
13	1.2 Hydrogeologic Setting	16
14	1.3 Regulatory Background	17
15	1.4 Document Organization	18
16	2.0 SCOPE OF SERVICES	19
17	2.1 Groundwater Level Measurements	19
18	2.2 Groundwater Purging and Sampling	19
19	2.3 Data Management and Validation	21
20	3.0 REGULATORY CRITERIA	22
21	4.0 GROUNDWATER MEASUREMENTS AND DATA COLLECTION	24
22	4.1 Northern Area Groundwater Elevations	24
23	4.1.1 Northern Area Alluvial Groundwater System	24
24	4.1.2 Northern Area Bedrock Groundwater System	24
25	5.0 NORTHERN AREA ANALYTICAL RESULTS	26
26	5.1 Water Quality Parameters	26
27	5.2 Groundwater Analytical Results	27
28	5.2.1 Anions	27
29	5.2.2 Explosives Compounds	28
30	5.2.3 Perchlorate	29
31	5.2.4 Volatile Organic Compounds	29
32	5.2.5 Other Organic Compounds	30
33	5.2.6 Metals	30
34	5.3 Variances from the Work Plan	31
35	5.4 Data Quality Exceptions	31
36	5.5 New Findings	32
37	6.0 SUMMARY	33
38	7.0 REFERENCES	35

1 **LIST OF FIGURES**

- 2 FIGURE 1-1: SITE LOCATION MAP
- 3 FIGURE 1-2: NORTHERN AREA WELL LOCATIONS
- 4 FIGURE 1-3: FWDA WELL LOCATIONS
- 5 FIGURE 4-1: NORTHERN AREA ALLUVIAL GROUNDWATER CONTOUR MAP – JANUARY 2024
- 6 FIGURE 4-2: NORTHERN AREA ALLUVIAL GROUNDWATER CONTOUR MAP – APRIL 2024
- 7 FIGURE 4-3: NORTHERN AREA BEDROCK GROUNDWATER CONTOUR MAP – JANUARY 2024
- 8 FIGURE 4-4: NORTHERN AREA BEDROCK GROUNDWATER CONTOUR MAP – APRIL 2024
- 9 FIGURE 5-1: NORTHERN AREA NITRATE AND NITRITE IN ALLUVIAL GROUNDWATER – APRIL 2024
- 10 FIGURE 5-2: NORTHERN AREA NITRATE AND NITRITE IN BEDROCK GROUNDWATER – APRIL 2024
- 11 FIGURE 5-3: NORTHERN AREA CHLORIDE, FLUORIDE, AND SULFATE IN ALLUVIAL GROUNDWATER – APRIL 2024
- 12 FIGURE 5-4: NORTHERN AREA CHLORIDE, FLUORIDE, AND SULFATE IN BEDROCK GROUNDWATER – APRIL 2024
- 13 FIGURE 5-5: NORTHERN AREA EXPLOSIVES IN ALLUVIAL GROUNDWATER – APRIL 2024
- 14 FIGURE 5-6: NORTHERN AREA EXPLOSIVES IN BEDROCK GROUNDWATER – APRIL 2024
- 15 FIGURE 5-7: NORTHERN AREA PERCHLORATE IN ALLUVIAL GROUNDWATER – APRIL 2024
- 16 FIGURE 5-8: NORTHERN AREA PERCHLORATE IN BEDROCK GROUNDWATER – APRIL 2024
- 17 FIGURE 5-9: NORTHERN AREA VOCs IN ALLUVIAL GROUNDWATER – APRIL 2024
- 18 FIGURE 5-10: NORTHERN AREA VOCs IN BEDROCK GROUNDWATER – APRIL 2024
- 19 FIGURE 5-11: NORTHERN AREA TPH-DRO IN ALLUVIAL GROUNDWATER – APRIL 2024
- 20 FIGURE 5-12: NORTHERN AREA TPH-DRO IN BEDROCK GROUNDWATER – APRIL 2024
- 21 FIGURE 5-13: NORTHERN AREA TPH-GRO IN ALLUVIAL GROUNDWATER – APRIL 2024
- 22 FIGURE 5-14: NORTHERN AREA TPH-GRO IN BEDROCK GROUNDWATER – APRIL 2024

1

LIST OF TABLES

2	TABLE 2-1:	NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS
3	TABLE 2-2:	NORTHERN AREA GROUNDWATER SAMPLING MATRIX
4	TABLE 3-1:	GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
5	TABLE 4-1:	NORTHERN AREA GROUNDWATER ELEVATIONS
6	TABLE 5-1:	STABLE GROUNDWATER PARAMETERS
7	TABLE 5-2:	SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
8	TABLE 5-3:	SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
9	TABLE 5-4:	SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
10	TABLE 5-5:	SUMMARY OF VOC ANALYTICAL RESULTS
11	TABLE 5-6:	SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
12	TABLE 5-7:	SUMMARY OF PESTICIDES ANALYTICAL RESULTS
13	TABLE 5-8:	SUMMARY OF HERBICIDES ANALYTICAL RESULTS
14	TABLE 5-9:	SUMMARY OF PCB ANALYTICAL RESULTS
15	TABLE 5-10:	SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
16	TABLE 5-11:	SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS

1

LIST OF APPENDICES

- 2 APPENDIX A: FIELD NOTES
- 3 APPENDIX B: GROUNDWATER SAMPLING FIELD DATA SHEETS
- 4 APPENDIX C: CHAIN-OF-CUSTODY FORMS
- 5 APPENDIX D-1A: DATA VALIDATION REPORT
- 6 APPENDIX D-1B: AUTOMATED DATA REVIEW
- 7 APPENDIX D-2: EUROFINS ELECTRONIC DATA DELIVERABLES
- 8 APPENDIX E: HISTORICAL GROUNDWATER ANALYTICAL DATA
- 9 Appendix F: RDX vs. TIME PLOTS
- 10 APPENDIX G: WELL BGMW02 PHOTOGRAPHIC LOG
- 11 APPENDIX H: WELL BGMW08 GROUNDWATER ELEVATIONS

12 *NOTE: Appendices A through E are provided as separate files on CD.*

LIST OF ABBREVIATIONS AND ACRONYMS

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

45	MSD	matrix spike duplicate
46	mS/cm	millisiemens per centimeter
47	mV	millivolt
48	NAVD88	North American Vertical Datum of 1988
49	NM	New Mexico
50	NMAC	New Mexico Administrative Code
51	NMED	New Mexico Environment Department
52	NM WQCC	New Mexico Water Quality Control Commission
53	NN	Navajo Nation
54	NTU	nephelometric turbidity unit
55	NRO	Navajo Regional Office
56	OB/OD	open burn/open detonation
57	OH	Ohio
58	ORP	oxidation-reduction potential
59	Parsons	Parsons Government Services, Inc.
60	PCB	polychlorinated biphenyl
61	PDT	Project Delivery Team
62	PETN	pentaerythritol tetranitrate
63	pH	potential hydrogen
64	PMR	Periodic Monitoring Report
65	QA	quality assurance
66	QC	quality control
67	QSM	Quality Systems Manual
68	RAG	Risk Assessment Guidance
69	RCRA	Resource Conservation and Recovery Act
70	RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
71	RSL	regional screening level
72	SHE	standard hydrogen electrode
73	SL	screening level
74	Sundance	Sundance Consulting, Inc.
75	SVOC	semi-volatile organic compound
76	SW	Southwest Region Regional Office
77	SWMU	solid waste management unit
78	TDS	total dissolved solids
79	TNT	trinitrotoluene
80	TOC	top of casing
81	TPH-DRO	total petroleum hydrocarbons as diesel range organics
82	TPH-GRO	total petroleum hydrocarbon as gasoline range organics
83	TPMC	TerranearPMC
84	USACE	U.S. Army Corps of Engineers
85	USEPA	U.S. Environmental Protection Agency
86	VOC	volatile organic compound

EXECUTIVE SUMMARY

This Groundwater Periodic Monitoring Report (PMR) documents groundwater monitoring and sampling activities conducted at Fort Wingate Depot Activity (FWDA) from January through June 2024 in accordance with the latest approved work plan, *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).

The *2024 Interim Northern Area Groundwater Monitoring Plan* was submitted and received a Notice of Disapproval in March 2024 (NMED, 2024). In light of the NMED disapproval of the *2024 Interim Groundwater Monitoring Plan*, the April 2024 sampling was performed under the *Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2*, while incorporating the analytical changes proposed in the *2024 Interim Groundwater Monitoring Plan* and authorized by NMED in the March 2024 letter.

Groundwater monitoring was conducted by Eco 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 and sampling activities and groundwater analytical results.

Field activities performed during this reporting period included two groundwater level measurement events and one groundwater sampling event. The first groundwater level measurement event was performed on January 16 to 18, 2024, and the second was performed on April 4 and 5, 2024. Water level measurements were attempted for all 102 monitoring wells and all ten piezometers during both events; however, obstructions inside the well casing for well SMW01 were encountered during gauging. The groundwater sampling event was performed April 7 to 18, 2024.

Seven monitoring wells were found to be dry in January and April 2024 (FW35, MW18S, MW22S, TMW11, TMW40S, TMW54, and TMW60). Groundwater samples were collected from 94 monitoring wells during the April 2024 sampling event and analyzed for targeted constituents in accordance with the *Final 2022 Interim 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 2024 gauging events, horizontal hydraulic gradients in alluvium ranged from 0.003 across the Administration Area (between wells TMW24 and MW25), to 0.016 across the Workshop Area (between wells TMW01 and TMW29). The hydraulic gradients in the bedrock unit beneath the Workshop Area during the January gauging event ranged from 0.003 between wells BGMW10 and TMW58 to 0.004 between TMW49 and TMW19. During the April 2024 gauging event, the hydraulic gradients ranged from 0.005 between wells TMW49 and TMW19 to 0.007 between wells BGMW10 and TMW58.

Anions, explosives, perchlorate, one volatile organic compound (VOC) (1,2-dichloroethane [1,2-DCA]), total petroleum hydrocarbons as diesel range organics (TPH-DRO), one semi-volatile organic compound (SVOC) (benzo(a)pyrene), and metals were detected in groundwater samples at concentrations above their associated groundwater screening levels (SLs) as determined 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.

Nitrate was detected above screening levels in samples collected from various alluvial wells throughout the project area and in two bedrock wells (TMW30 and TMW31D). 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 project area. FWDA background groundwater concentrations of major anions have not yet been established; therefore, it cannot be definitively 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 project 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 13 alluvial wells throughout the project area. 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 6 Gas Station (SWMU 45) and the former Building 11 Locomotive Shop (SWMU 6).

TPH-GRO was not detected above the laboratory detection limits in any of the monitoring wells during this sampling event.

Dissolved arsenic, iron, manganese, and selenium were detected above groundwater screening levels during this sampling event. Total aluminum, arsenic, chromium, iron, lead, manganese, selenium, and vanadium were also detected above groundwater screening levels during this sampling event. FWDA background groundwater concentrations of dissolved or total metals have not yet been established; therefore, it cannot be definitively 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 and sampling activities conducted at Fort Wingate Depot Activity (FWDA) from January through June 2024 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).

The 2024 *Interim Northern Area Groundwater Monitoring Plan* was submitted and received a Notice of Disapproval in March 2024 (NMED, 2024). In light of the NMED disapproval of the 2024 *Interim Groundwater Monitoring Plan*, the April 2024 sampling was performed under the *Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2*, while incorporating the analytical changes proposed in the 2024 *Interim Groundwater Monitoring Plan* and authorized by NMED in the March 2024 letter.

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 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 (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 to minimize future leaching of explosives compounds to groundwater (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 ten 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 members: Blue Mesa, Sonsela, and Painted Desert. All three 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 12- and 66-feet bgs. Since 2020 DTW in the alluvium along drainages, including the Rio Puerco, ranges from 12- to 66-feet bgs in Northern Area alluvial aquifer monitoring wells. In the Northern Area bedrock aquifer, since 2020 DTW ranged from 15- to 66-feet bgs, except for well BGMW08, where the DTW typically fluctuates between 124- to 166-feet bgs since 2020. Well BGMW08 was installed as a background well, but may be screened in a different bedrock sand interval not typically encountered in other FWDA bedrock monitoring 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.

In 2002, NMED determined the remediation pathway would be solely through a RCRA permit under RCRA guidelines. The RCRA permit for EPA identification number NM 6213820974 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 hazardous waste management unit (HWMU) within the current OB/OD Area (Parcel 3) and a total of 99 SWMUs/AOCs. 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 four 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

Groundwater monitoring wells have been installed to characterize the nature and extent of contamination that resulted from activities associated with the 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

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 Final 2022 Interim 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, partners, 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 groundwater level measurement events, and one 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 16 to 18, 2024 (January 2024 gauging event), and April 4 and 5, 2024 (April 2024 gauging event). Depth to water (DTW) measurements were attempted from 102 groundwater monitoring wells and ten 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 both gauging events, seven monitoring wells were found to be dry (FW35, MW18S, MW22S, TMW11, TMW40S, TMW54, and TMW60). Groundwater samples were collected from 95 monitoring wells during the April 2024 sampling event and analyzed for targeted constituents in accordance with the Final 2022 Interim GWMP. During the April 2024 gauging event, DTW measurement was attempted at alluvial monitoring well SMW01; however, obstructions inside the well casing were encountered. 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-person teams. One team member documented the field measurements while the other operated the water level sounder (field logs and handwritten groundwater level measurements are provided in Appendix A). 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 sounder 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 five feet tall, with a chain link fence top cover to facilitate evaporation of liquids into the atmosphere. The average rainfall at FWDA is approximately 12 inches per year (www.usclimatedata.com/climate/gallup) and the evaporation reservoir is usually three- to four-feet below maximum containment; therefore, overflow from a storm event is unlikely. 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 7 to 18, 2024. For purposes of sampling, seven 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), and TMW60 (dry since 2021). BGMW08 is undergoing a recharge study and not currently being purged or sampled.

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 final measurements of groundwater quality parameters recorded prior to sampling each monitoring well, are provided in Table 5-1. The groundwater sampling field data sheets for each monitoring well are provided in Appendix B.

Monitoring wells equipped with dedicated low-flow pneumatic pumps were purged in accordance with the Final 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 Final 2022 Interim GWMP.

- pH (± 0.5 standard units)
- temperature ($\pm 10\%$)
- specific conductance ($\pm 10\%$)
- DO ($\pm 10\%$) or less than 1.0 milligrams per liter (mg/L)
- turbidity ($\pm 10\%$) or less than 1 nephelometric turbidity unit (NTU)
- ORP (± 10 millivolts)

To maintain static water levels and ensure representative formation water is being measured and sampled, the purged water was drawn from the well slowly at a rate not-to-exceed a drawdown of more than 0.33 feet or 4 inches in wells designated as low-flow wells during the period of stabilization.

Wells not equipped with dedicated low-flow pumps were purged by pumping or bailing three 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 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 the following day to collect the groundwater sample in accordance with the Final 2022 Interim GWMP.

Seven 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 51 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. The specific purging method at each of the monitoring wells is shown in Appendix B. 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 deionized water-rinse cycles through the pump. In addition, the pump exterior and wiring/safety cables were decontaminated using laboratory-grade anionic detergent solution followed by two 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 Final 2022 Interim GWMP. The equipment rinsate sample results indicated that 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 the *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. An electronic copy of the chain-of-custody (CoC) forms for the sampling event are included in Appendix C, which is provided as a separate file on a separate compact disc (CD).

Sample identifiers were assigned based on the convention described in the Final 2022 Interim GWMP. Groundwater sample identifiers consisted of the monitoring well identification (ID) and sample month and year. The QC samples were collected blindly and labelled "FDUP01-" through "FDUP10-" followed by the date the duplicate samples were collected, as specified in the Final 2022 Interim GWMP.

Sample analyses were performed by Eurofins Environment Testing – Denver (Eurofins), in accordance with the QSM (DoD/DoE, 2021). Electronic data deliverables (EDDs) of the analytical results for each sample delivery group were provided by Eurofins 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 validation using the ADR software and 10% Level IV validation manually. 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 a CD and includes the Data Validation Report (Appendix D-1A), ADR Reference Output Files by Sample Delivery Group (Appendix D-1B), and the Eurofins 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 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 screening level criteria applicable to the FWDA Interim GWMP. Groundwater analytical results are evaluated and compared to these groundwater screening levels. The following documents and regulations are used to determine whether the concentration of a particular chemical constituent exceeds the RCRA permit screening level (NMED, 2015), as summarized below:

1. New Mexico Water Quality Control Commission (NM WQCC) standards for the analytes listed in the New Mexico Administrative Code (NMAC) 20.6.2.7.VV having the values listed in NMAC 20.6.2.4103.A and B.
2. U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs) provided under 40 Code of Federal Regulations (CFR) 141 and 40 CFR 143.
3. If both a NM WQCC standard and an EPA MCL have been established for a contaminant of potential concern (COPC), the lowest value of 1. and 2. above will be selected.
4. If no NM WQCC standard or EPA MCL has been established for a carcinogenic hazardous constituent, values will be selected from the most recent version of the EPA regional screening levels (RSLs) for tap water, adjusted to a target excess cancer risk level of 1×10^{-5} .
5. If no NM WQCC standard or EPA MCL has been established for a non-carcinogenic hazardous constituent, values will be selected from the most recent version of the EPA RSLs for tap water with a target hazard index of 1.0.
6. No current NM WQCC standard is published for perchlorate. An EPA RSL standard of 14 micrograms per liter ($\mu\text{g/L}$) was published in November 2022, so this standard will be followed in accordance with Attachment 7 of the RCRA permit for FWDA (NMED, 2015).
7. Although not in the RCRA permit, NMED has set a screening level of $16.7 \mu\text{g/L}$ for total petroleum hydrocarbons (TPH) as diesel range organics (DRO) and a screening level of $10.1 \mu\text{g/L}$ for TPH as gasoline range organics (GRO) in *Risk Assessment Guidance for Investigations and Remediation Volume 1* (NMED, 2019).

Some analytes do not have a published NM WQCC or MCL but have RSLs listed for both carcinogenic risks and noncarcinogenic hazards. For these analytes having both carcinogenic and noncarcinogenic

- 1 RSL values, the lower value between the adjusted carcinogenic RSL (target excess cancer-risk level of
- 2 1×10^{-5}) and the noncarcinogenic RSL (target hazard index of 1.0) was selected. Table 3-1 presents the
- 3 selected groundwater screening levels for each analyte based on the hierarchy outlined in this section.
- 4 Reporting requirements are specified in the Final 2022 Interim GWMP in accordance with the RCRA
- 5 permit. A schedule of regulatory deliverables is included in the Final 2022 Interim GWMP. RCRA permit
- 6 Section V.A.2 requires the format to be consistent with *General Reporting Requirements for Routine*
- 7 *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 July and October 2023 measurements; although, the DTW at SMW01 was not recorded, as discussed in Section 5.3. 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 2024. 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 sea level using 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 2024 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 between these two groundwater units are described in Table 5-1. The Northern Area alluvial groundwater elevations, with a contour interval of 5 feet for January 2024, are shown on Figure 4-1, and the groundwater elevations for the April 2024 event are shown on Figure 4-2. The Northern Area bedrock groundwater elevations for January 2024 are shown on Figure 4-3, and the elevations for April 2024 are shown on Figure 4-4.

4.1.1 NORTHERN AREA ALLUVIAL GROUNDWATER SYSTEM

Alluvial groundwater elevations in January 2024 ranged from 6,632.22 ft. (MW34) to 6,788.70 ft. (FW31) and in April 2024 ranged from 6,632.03 ft. (MW34) to 6,788.76 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 2024 gauging events, horizontal hydraulic gradients in alluvium ranged from 0.003 across the Administration Area (between wells TMW24 and MW25), to 0.016 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 2024 gauging events and were similar to previous gauging events from 2015 through 2023.

4.1.2 NORTHERN AREA BEDROCK GROUNDWATER SYSTEM

The bedrock aquifer in the Northern Area comprises two or three 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 noncontinuous/nonplanar 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

1 piezometric surface. To further understand the recharge rate of BGMW08, the well is not being purged
2 or sampled until groundwater elevation stabilizes. Since the January gauging event, the water in
3 BGMW08 increased by 27.65-ft (from 161.49- to 133.84-ft bgs). Appendix H shows that well BGMW08
4 is still recharging since it was last purged in October 2023. Groundwater elevations will continue to be
5 monitored at BGMW08.

6 Bedrock groundwater elevations in January 2024 ranged from 6,520.22 ft. (BGMW08) to 6,675.06 ft.
7 (TMW30), and in April 2024 ranged from 6,547.87 ft. (BGMW08) to 6,674.81 ft. (TMW30). The
8 groundwater flow direction has not been fully characterized in the bedrock aquifer beneath the
9 Workshop Area. Elevation data depicted on Figures 4-3 and 4-4 show that groundwater flow direction
10 beneath the Workshop Area significantly varies between the wells.

11 During the January 2024 gauging event, the hydraulic gradients in the bedrock unit beneath the
12 Workshop Area ranged from 0.003 between wells BGMW10 and TMW58 to 0.004 between TMW49 and
13 TMW19. During the April 2024 gauging event, the hydraulic gradients ranged from 0.005 between wells
14 TMW49 and TMW19 to 0.007 between wells BGMW10 and TMW58.

15 The flattest gradients were found in the southern portion of the Workshop Area, and the steepest
16 gradients in the northwest portion of the Workshop Area. Hydraulic gradients were consistent in direction
17 and magnitude between the January and April 2024 gauging events and were similar to previous gauging
18 events from 2015 through 2023.

5.0 NORTHERN AREA ANALYTICAL RESULTS

The groundwater quality parameters and laboratory analytical results for the April 2024 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 2024) 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. Stable parameter readings and drawdown measurements are presented in Table 5-1 and Appendix B.

Temperature in the alluvial wells ranged from 8.58 degrees Celsius (°C) in TMW47 to 17.92 °C in TMW07. The temperature in the bedrock wells ranged from 10.20 °C in TMW17 to 16.70 °C in TMW55.

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 6.79 in well TMW34 to 8.85 in well TMW33; and in the bedrock aquifer the range was 7.00 in well TMW30 to 9.69 in well TMW17.

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 conversion of ORP to Eh is performed to standardize the data, as ORP readings can vary depending on the reference electrode used. The formula used for converting ORP to Eh is presented in Table 5-1. The ORP values in the alluvial aquifer ranged from -173 millivolts (mV) in well MW36D to 170 mV in well TMW06; and in bedrock the range was -270 mV in well TMW38 to 201 mV in well TMW30.

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 project area, 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 1.01 millisiemens per centimeter (mS/cm) in well BGMW12 to 19.50 mS/cm in well TMW08; and in the bedrock aquifer the range was 1.46 mS/cm in well TMW53 to 27.7 mS/cm in well BGWM07.

Turbidity is the measure of water clarity stated in NTU with the lower numbers representing clearer water. In the alluvial aquifer, turbidity ranged from 2.8 NTU in well TMW10 to >1,000 NTU in wells MW01, MW02, and TMW56. In the bedrock aquifer, turbidity ranged from 3.3 NTU in TMW30 to 785 NTU in well TMW52.

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 6.81 mg/L in well TMW31S; and in the bedrock aquifer the range was 0.00 in multiple wells to 6.69 mg/L in well BGMW09.

5.2 GROUNDWATER ANALYTICAL RESULTS

The laboratory analytical results discussed in the following sections are used to determine the contaminant plumes. 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.

Based on the April 2024 laboratory analytical results, seven groundwater contaminant plumes have been identified within the Northern Area of FWDA. Further analyses of the following contaminants of concern are discussed in the subsequent sections.

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

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 21 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) (120 mg/L in monitoring well TMW03). In addition, nitrate was detected at a concentration of 11 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. The surface completion of well BGMW02 as well as the area surrounding the well was investigated for competence and for signs of potential surface water accumulation during the April 2024 groundwater sampling event. No evidence for potential intrusion of surface water into the well was observed. Figure 5-1 shows the groundwater nitrate and nitrite concentration data for the alluvial monitoring wells in the Northern Area.

Nitrate concentrations in two out of 23 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 wells TMW30 and TMW31D (11 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 or bedrock monitoring wells during this sampling 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.

Bromide was detected in 65 of the 66 alluvial wells and in 22 of the 23 bedrock wells this sampling event. The highest detected concentration reported in alluvial groundwater was 4.2 mg/L in well TMW08. The highest detected concentration reported in bedrock groundwater was 58 mg/L in well BGMW07. The elevated bromide concentration reported in well BGMW07 is significantly higher than previous concentrations in this well, further sampling will confirm whether this is a trend or anomaly. 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. No figures were prepared for bromide concentrations since the background has not yet been established.

Chloride was detected above its project screening level of 250 mg/L in 29 alluvial wells and four bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 1,700 mg/L in well TMW08 in the Administration Area. The highest detected concentration reported in bedrock groundwater was 11,000 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 51 alluvial wells and 19 bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 9,100 mg/L in well TMW08. The highest detected concentration reported in bedrock groundwater was 1,700 mg/L in well BGMW09. 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 eight alluvial wells and four bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 3.5 mg/L in wells BGMW03 and FW31. The highest detected concentration reported in bedrock groundwater was 3.1 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 51 alluvial wells and 14 bedrock wells during this sampling event. The highest reported concentration in alluvial groundwater was 0.82 mg/L in well MW36D. The highest reported concentration in bedrock groundwater was 0.12 mg/L in well TMW51. 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. No figures were prepared for phosphate concentrations since the background has not yet been established.

5.2.2 EXPLOSIVES COMPOUNDS

Groundwater samples were analyzed for explosives using EPA Method 8330B. The following explosives compounds were detected in eight alluvial wells and four bedrock wells in the Northern Area. The highest concentration of each explosives analyte detected in this sampling event and corresponding well is shown in parentheses below, and the bold values exceed the selected screening levels.

- 1,3-dinitrobenzene (0.17 µg/L in bedrock well TMW31D)
- 2-Amino-4,6-dinitrotoluene (0.95 µg/L in alluvial well TMW04)
- 2-nitrotoluene (0.23 µg/L in bedrock well TMW31D)
- Nitroglycerin (**2.2** µg/L in bedrock well TMW49)
- Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) (27 µg/L in alluvial well TMW03)
- Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) (**350** µg/L in alluvial well TMW03)

The explosives compound RDX was detected above its screening level in four alluvial wells (TMW03, TMW23, TMW59, and TMW62) during the reported sampling 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 micrograms per liter [$\mu\text{g/L}$]) in monitoring wells downgradient of the former TNT Leaching Beds (SWMU 1). Appendix F contains the plots of RDX concentrations and groundwater levels over time. There is no correlation between RDX concentrations and groundwater levels in the plotted wells. Table 5-3 provides the tabulated laboratory results and Figures 5-5 and 5-6 depict 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, respectively.

Perchlorate was detected in 12 groundwater monitoring wells in the Northern Area above the EPA RSL of 14 $\mu\text{g/L}$. Samples collected from four alluvial monitoring wells TMW01 (250 $\mu\text{g/L}$), TMW31S (510 $\mu\text{g/L}$), TMW39S (620 $\mu\text{g/L}$), and TMW41 (17 $\mu\text{g/L}$), and eight bedrock monitoring wells TMW30 (410 $\mu\text{g/L}$), TMW31D (740 $\mu\text{g/L}$), TMW32 (360 $\mu\text{g/L}$), TMW40D (220 $\mu\text{g/L}$), TMW48 (660 $\mu\text{g/L}$), TMW49 (1000 $\mu\text{g/L}$), TMW51 (420 $\mu\text{g/L}$), and TMW64 (47 $\mu\text{g/L}$) 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 in the bedrock groundwater plume and is believed to result from a common source.

5.2.4 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were analyzed for VOCs using EPA Method 8260C. Groundwater contamination from VOCs at concentrations above groundwater screening levels is limited to three 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 following VOC compounds were detected in seven alluvial wells. The highest concentration of each VOC 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 nonconformances discovered during data validation.

- 1,2-dichloroethane (**79** $\mu\text{g/L}$ in alluvial well MW18D)
- Carbon disulfide (2.1 $\mu\text{g/L}$ in alluvial well TMW47)
- Chlorobenzene (0.55 J $\mu\text{g/L}$ in alluvial well TMW01)

The only VOC detected at concentrations above the groundwater screening level (EPA MCL of 5.0 $\mu\text{g/L}$) was the gasoline additive 1,2-DCA in groundwater samples collected from three 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 79 $\mu\text{g/L}$, 22 $\mu\text{g/L}$, and 27 $\mu\text{g/L}$, respectively. Other VOCs

were not detected in groundwater samples above groundwater screening levels. VOCs were not detected in any bedrock wells.

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. TPH-DRO and TPH-GRO were analyzed using EPA Method 8015C. Semi-volatile organic compounds (SVOCs) were analyzed using EPA Method 8270D. 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. 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) (NMED, 2022) value of 16.7 µg/L, and TPH-GRO is the NMED RAG value of 10.1 µg/L. TPH-DRO was detected in 13 alluvial wells above the selected screening level. The maximum detected concentration of TPH-DRO was 78 J µg/L in alluvial well in MW32 located in the northern portion of the Administration Area. TPH-DRO was not detected in any of the bedrock wells. TPH-GRO was not detected in any of the monitoring wells during this sampling event. TPH-DRO and TPH-GRO laboratory results are presented in Table 5-6. The LOQ for TPH-GRO and TPH-DRO exceeded the screening level for all samples, including LOQ over an order of magnitude higher than the TPH-DRO SL in some samples. TPH-DRO results are shown on Figures 5-11 and 5-12. TPH-GRO results are shown on Figures 5-13 and 5-14.

The following SVOC compounds were detected in 13 alluvial wells and eight bedrock wells in the Northern Area. The highest concentration of each SVOC 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 nonconformances discovered during data validation.

- 2,4-dinitrophenol (18 J µg/L in alluvial well TMW44)
- Benzo(a)pyrene (**0.52 J** µg/L in alluvial well MW35)
- Butylbenzylphthalate (2.3 J µg/L in alluvial well TMW06)
- Caprolactam (5.6 J µg/L in bedrock well TMW51)
- Di-n-butylphthalate (14 µg/L in bedrock well BGMW09)

Two pesticide compounds were detected during this samplings event. Dichlorodiphenyldichloroethylene (4,4'-DDE) was detected in alluvial well MW34 at a concentration of 0.0044 J µg/L, and endosulfan I was detected in bedrock well TMW51 at a concentration of 0.0077 J µg/L. Both pesticide detections were below their respective screening levels of 0.46 µg/L for 4,4'-DDE and 100 µg/L for endosulfan I. Herbicides and PCBs were not 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 Tables 5-7, 5-8, and 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 established.

Total metals including aluminum, arsenic, chromium, iron, lead, manganese, selenium, and vanadium were detected in multiple groundwater samples above screening levels in alluvial and/or bedrock wells.

Dissolved arsenic, iron, manganese, and selenium were detected in multiple groundwater samples above groundwater screening levels in alluvial and/or bedrock wells. Contaminant plume maps have not been generated since the background metal concentrations have not been established yet for total and dissolved metals.

5.3 VARIANCES FROM THE WORK PLAN

Alluvial monitoring wells FW35, MW18S, MW22S, TMW11, TMW40S, TMW54, and TMW60 were dry and could not be sampled during this sampling 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, 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.

The DTW measurement was attempted at the alluvial monitoring well SMW01; however, obstructions inside the well casing were encountered during the April gauging event.

TMW56 had limited recharge after purging. Due to limited volume, only explosives and perchlorate containers were filled.

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 44 data quality exception compounds where the limit of detection (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-Dibromo-3-Chloropropane; CAS No. 96-12-8
- 1,2-Dibromoethane; CAS No. 106-93-4
- 2,4,6-Trichlorophenol; CAS No. 88-06-2
- 2,4-Dinitrophenol; CAS No. 51-28-5
- 2,4-Dinitrotoluene; CAS No. 121-14-2
- 2,6-Dinitrotoluene; CAS No. 606-20-2
- 3,3-Dichlorobenzidine; CAS No. 91-94-1
- 4,6-Dinitro-2-methylphenol; CAS No. 534-52-1
- 4-Chloroaniline; CAS No. 106-47-8
- Aldrin; CAS No. 309-00-2
- alpha-BHC; CAS No. 319-84-6
- Benzo[a]anthracene; CAS No. 56-55-3
- Benzo[a]pyrene; CAS No. 50-32-8
- Benzo[b]fluoranthene; CAS No. 205-99-2
- bis-(2-Chloroethyl)ether; CAS No. 111-44-4

- bis-(2-Ethylhexyl)phthalate; CAS No. 117-81-7
- Chloride; CAS No. 16887-00-6
- Dibenz(a,h)anthracene; CAS No. 53-70-3
- Dibenzofuran; CAS No. 132-64-9
- Dieldrin; CAS No. 60-57-1
- TPH-DRO; CAS No. 68334-30-5
- TPH-GRO; CAS No. 8006-61-9
- Hexachlorobenzene; CAS No. 118-74-1
- Hexachlorobutadiene; CAS No. 87-68-3
- Hexachlorocyclopentadiene; CAS No. 77-47-4
- Hexachloroethane; CAS No. 67-72-1
- Indeno(1,2,3-cd)pyrene; CAS No. 193-39-5
- Nitrate; CAS No. 14797-55-8
- Nitrobenzene; CAS No. 98-95-3
- Nitroglycerin; CAS No. 55-63-0
- N-Nitrosodi-n-propylamine; CAS No. 621-64-7
- PCB-1016; CAS No. 12674-11-2
- 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
- PCBs, Total; CAS No. 1336-36-3
- Pentachlorophenol; CAS No. 87-86-5
- Perchlorate; CAS No. 14797-73-0
- Phenol; CAS No. 108-95-2
- Toxaphene; CAS No. 8001-35-2

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.

TPH-GRO has historically been detected in alluvial and bedrock wells, but it was not detected above the laboratory detection limits in any of the monitoring wells during this sampling event. While well BGMW08 was not purged nor sampled during this sampling event, Appendix H shows that it is still recharging since it was last purged in October 2023.

6.0 SUMMARY

Seven groundwater contaminant plumes have been identified within the Northern Area of FWDA.

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

Two groundwater level measurement events and one groundwater sampling event were performed during this reporting period. The groundwater sampling event for the reporting period was performed from April 7 to 18, 2024.

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.

During the January and April 2024 gauging events, horizontal hydraulic gradients in alluvium ranged from 0.003 across the Administration Area (between wells TMW24 and MW25), to 0.016 across the Workshop Area (between wells TMW01 and TMW29). The hydraulic gradients in the bedrock unit beneath the Workshop Area during the January gauging event ranged from 0.003 between wells BGMW10 and TMW58 to 0.004 between TMW49 and TMW19. During the April 2024 gauging event, the hydraulic gradients ranged from 0.005 between wells TMW49 and TMW19 to 0.007 between wells BGMW10 and TMW58.

Nitrate, chloride, sulfate, fluoride, explosives, perchlorate, one VOC, TPH-DRO, one SVOC, and metals were detected in groundwater samples at concentrations above their associated groundwater screening levels as determined 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).

Other major anions including chloride, sulfate, and fluoride were detected above groundwater screening levels in site monitoring wells; however, no anthropogenic source(s) for these detections has been identified based on known releases within the project area. Contaminant plume maps for anions for on-site wells have not been generated in this report, pending establishment of background well anion concentrations. Note that some anions (e.g., nitrate and chloride) may be associated with releases of explosive compounds, and therefore may potentially share the same source where explosive compounds were released.

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

1 eastern Administration Area. The source of the explosives plume in the alluvial groundwater unit appears
2 to be from the former TNT Leaching Beds (SWMU 1) in the Workshop Area. Future concentrations of
3 explosives compounds may be affected by the interim corrective measures conducted at SWMU 1, in
4 which 75,000 tons of affected soils at the former TNT Washout Facility and the former TNT Leaching
5 Beds were removed in 2019 to a maximum depth of 30- to 35-feet bgs.

6 The alluvial perchlorate plume is in the same vicinity as the bedrock plume, and both appear to originate
7 from the Building 528 Complex (SWMU 27). The boundaries of the bedrock perchlorate plume have not
8 been fully defined.

9 The VOC compound 1,2-DCA was historically used as a gasoline additive and degreasing solvent and
10 continues to be detected in groundwater samples at concentrations above the screening levels. The
11 1,2-DCA plume in the alluvial groundwater unit is limited to a group of alluvial monitoring wells near the
12 former fueling facility (Building 6 Gas Station, SWMU 45) in the Administration Area.

13 Detections of SVOCs in groundwater samples are sporadic and not attributed to a specific contaminant
14 plume. The SVOC compounds 2,4-dinitrophenol, benzo(a)pyrene, butylbenzylphthalate, caprolactam,
15 and di-n-butylphthalate were detected above laboratory detection limits during this sampling event. Only
16 benzo(a)pyrene was detected above its screening level.

17 The highest TPH-DRO concentrations were detected in groundwater samples collected from wells
18 within the alluvial groundwater unit in the Administration Area. The alluvial TPH-DRO plume appears
19 to originate from the former Building 6 Gas Station (SWMU 45) and the former Building 11 Locomotive
20 Shop (SWMU 6). TPH-GRO was not detected above laboratory detection limits during this sampling
21 event. Note that laboratory detection limits were above the SL for TPH-GRO.

22 Total aluminum, arsenic, chromium, iron, lead, manganese, selenium, and vanadium were detected
23 above groundwater screening levels in alluvial and/or bedrock wells. Dissolved arsenic, iron, manganese,
24 and selenium were detected above groundwater screening levels in alluvial and/or bedrock wells. It
25 cannot clearly be demonstrated whether the detected concentrations are a result of natural conditions or
26 anthropogenic sources of contamination since background metal groundwater concentrations have not
27 been established yet. Contaminant plume maps have not been generated since the background metal
28 concentrations have not been established yet for total and dissolved metals.

7.0 REFERENCES

- Anderson, O. J., C. H. Maxwell, and S. G. Lucas, 2003. *Geology of Fort Wingate Quadrangle*, McKinley County, New Mexico. Open File Report 473. New Mexico Bureau of Geology and Mineral Resources. September.
- Cooper, J. B., and E. C. John, 1968. *Geology and Ground-Water Occurrence in Southeastern McKinley County, New Mexico*. Technical Report 35. New Mexico State Engineer.
- Department of the Army (Army), 2020. Interim Northern Area Groundwater Monitoring Plan, Version 10, Revision 1, Request for Work Plan Deviations, Fort Wingate Depot Activity, McKinley County, New Mexico. November 12.
- Eco & Associates, Inc. 2021. Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2, Fort Wingate Depot Activity, McKinley County, New Mexico. May.
- Innovar Environmental, Inc., 2016. Final 2016 Interim Facility-Wide Groundwater Monitoring Plan, Version 9, Fort Wingate Depot Activity, McKinley County, New Mexico. September.
- McCraw, D. J., A. S. Read, J. R. Lawrence, F. Goff, and C. J. Goff, 2009. *Preliminary Geologic Map of the San Mateo Quadrangle*, McKinley and Cibola Counties, New Mexico. Open-File Digital Geologic Map OF-GM 194. Scale 1:24,000. New Mexico Bureau of Geology and Mineral Resources. In coordination with the U.S. Geological Survey and National Cooperative Geologic Mapping Program (STATEMAP). May.
- New Mexico Environment Department (NMED), 2001. Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring. Position Paper. New Mexico Environment Department, Hazardous Waste Bureau. October 30.
- NMED, 2003. General Reporting Requirements for Routine Groundwater Monitoring at RCRA Sites. Position Paper. New Mexico Environment Department, Hazardous and Radioactive Materials Bureau. February 14.
- NMED, 2005. Resource Conservation and Recovery Act Permit, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA ID No. NM 6213820974. New Mexico Environment Department Hazardous Waste Bureau. December.
- NMED, 2011. Corrective Action Management Unit Permit Modification for the Resource Conservation and Recovery Act Permit, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA ID No. NM 6213820974. New Mexico Environment Department Hazardous Waste Bureau. June.
- NMED, 2014. Class 1 and Class 3 Permit Modifications for the Resource Conservation and Recovery Act Permit, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA ID No. NM 6213820974. New Mexico Environment Department Hazardous Waste Bureau. April.
- NMED, 2015. Resource Conservation and Recovery Act Permit, Fort Wingate Depot Activity, McKinley County EPA ID No. NM 6213820974, New Mexico Environment Department Hazardous Waste Bureau. (Revised February 2015).
- NMED, 2022. *Risk Assessment Guidance for Investigations and Remediation Volume 1*. November 2022.
- NMED, 2024. *Disapproval, 2024 Interim Northern Area Groundwater Monitoring Plan*, Fort Wingate Depot Activity, McKinley County, New Mexico, EPA ID# NM6213820974, HWB-FWDA-24-001. March 19.
- Program Management Company, 1999. Fort Wingate Depot Activity, Gallup, New Mexico: Final Open Burning/Open Detonation Area RCRA Interim Status Closure Plan Phase IB – Characterization and Assessment of the Site Conditions for the Groundwater Matrix. December.

- Summers, W. K., 1972. *Hydrogeology and Water Supply of the Pueblo of Zuni, McKinley and Valencia Counties, New Mexico*. Open File Report 33. New Mexico Bureau of Mines and Mineral Resources. September.
- Sundance, 2017. Final 2017 Interim Facility-Wide Groundwater Monitoring Plan, Version 10, Revision 1, Fort Wingate Depot Activity, McKinley County, New Mexico. October.
- Sundance, 2018a. Final Groundwater Supplemental RCRA Facility Investigation Work Plan, Revision 4, Fort Wingate Depot Activity, McKinley County, New Mexico. March.
- Sundance, 2018b. Final Groundwater Periodic Monitoring Report, July through December 2017, Fort Wingate Depot Activity, McKinley County, New Mexico. July.
- TPMC, 2008. Interim Facility-Wide Groundwater Monitoring Plan, Version 2, Fort Wingate Depot Activity, Gallup, New Mexico. March.
- U.S. Department of Defense/U.S. Department of Energy, 2021. Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.4. October.
- U.S. Environmental Protection Agency (USEPA), 2020. Regional Screening Levels. November. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
- USEPA, 2017. Technical Fact Sheet, 1,4-Dioxane. November.
- U.S. Geological Survey, 2011. Final RCRA Facility Investigation Report, Parcel 22, Fort Wingate Depot Activity, McKinley County, New Mexico. Fort Worth District. December.
- YSI Environmental, 2005. *Measuring ORP on YSI 6-Series Sondes: Tips, Cautions and Limitations*. Accessed August 2, 2021.
- Zapata Incorporated, 2019. Final Interim Measures Completion Report, Parcel 21 – Solid Waste Management Unit 1 – TNT Leaching Beds, Fort Wingate Depot Activity, McKinley County, New Mexico. December 19.

Code of Federal Regulations

- 40 Code of Federal Regulations (CFR) Part 141. “National Primary Drinking Water Regulations,” Title 40, Protection of Environment, Chapter I, Environmental Protection Agency, Subchapter D, Water Programs. December 24, 1975.
- 40 CFR Part 143. “National Secondary Drinking Water Regulations,” Title 40, Protection of Environment, Chapter 1, Environmental Protection Agency, Subchapter D, Water Programs. July 19, 1979, as amended April 2, 1986, January 30, 1991.
- 40 CFR Part 264.101. “Corrective Action for Solid Waste Management Units,” Title 40, Protection of Environment, Chapter I, Environmental Protection Agency, Subchapter I, Solid Wastes, Part 264, Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities, Subpart F, Releases from Solid Waste Management Units. July 15, 1985, as amended July 14, 2006.

New Mexico Administrative Code

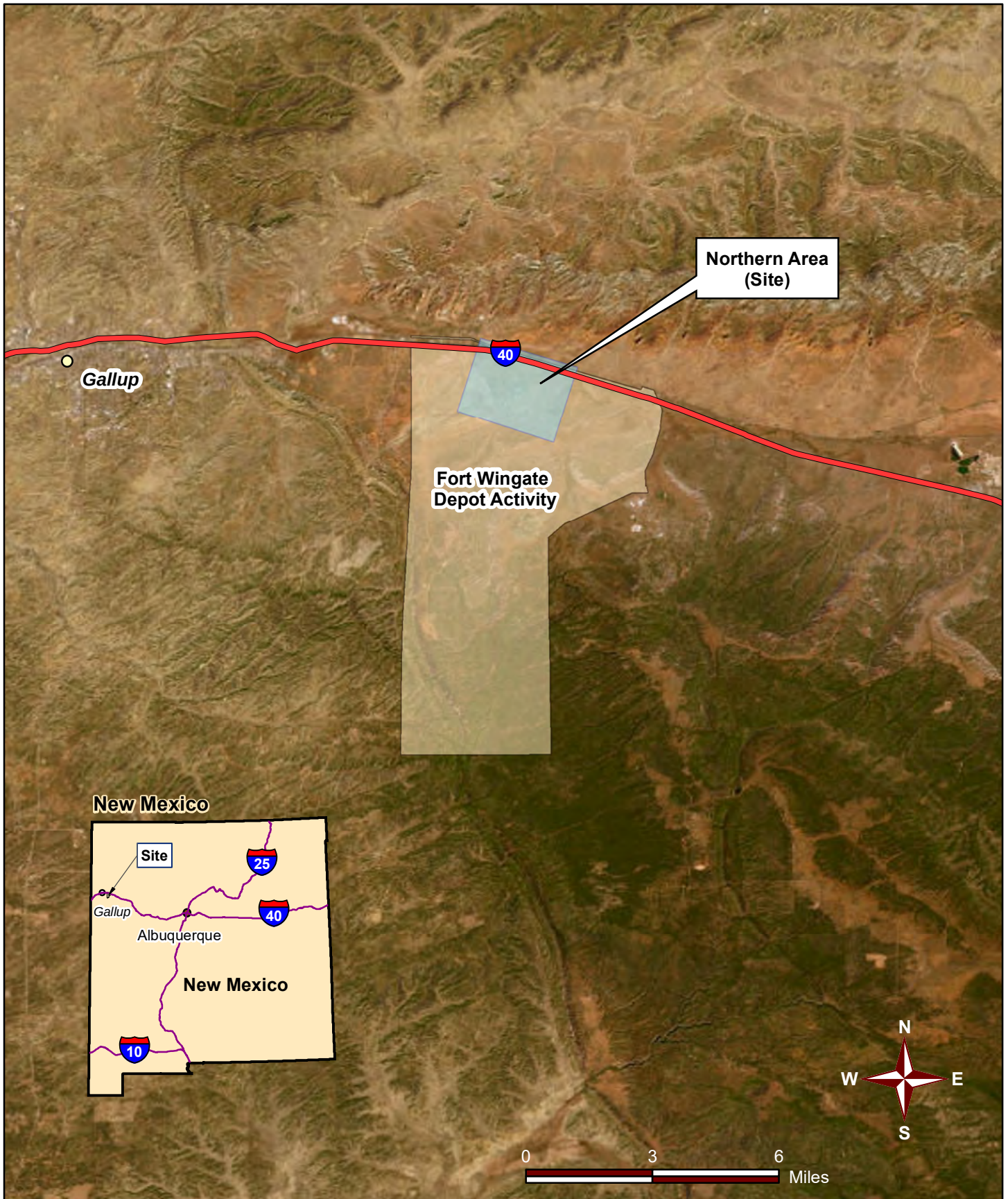
- New Mexico Administrative Code (NMAC) 20.4.1: Title 20, Environmental Protection; Chapter 4, Hazardous Waste; Part 1, Hazardous Waste Management.
- NMAC 20.4.1.500: Title 20, Environmental Protection; Chapter 4, Hazardous Waste; Part 1, Hazardous Waste Management; 500, Adoption of 40 CFR Part 264. June 14, 2000.

- 1 NMAC 20.6.2.4103: Title 20, Environmental Protection; Chapter 6, Water Quality; Part 2 Ground and
2 Surface Water Protection; 3013, Standards for Groundwater of 10,000 mg/L TDS Concentration or
3 Less. December 1, 1995; revised November 15, 1996.
- 4 NMAC 20.6.2.7.VV: Title 20, Environmental Protection; Chapter 6, Water Quality; Part 2 Ground and
5 Surface Water Protection; 7, Definitions; WW, Toxic pollutants. January 15, 2001.
- 6 New Mexico Ground Water Quality, 1986. Secondary maximum contaminant concentrations of 500 mg/L
7 dissolved solids and 250 mg/L sulfate. 1986.

8 **New Mexico Statutes**

- 9 New Mexico Statutes Annotated, 1978; 74-4-1, Hazardous Waste.

FIGURES



Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

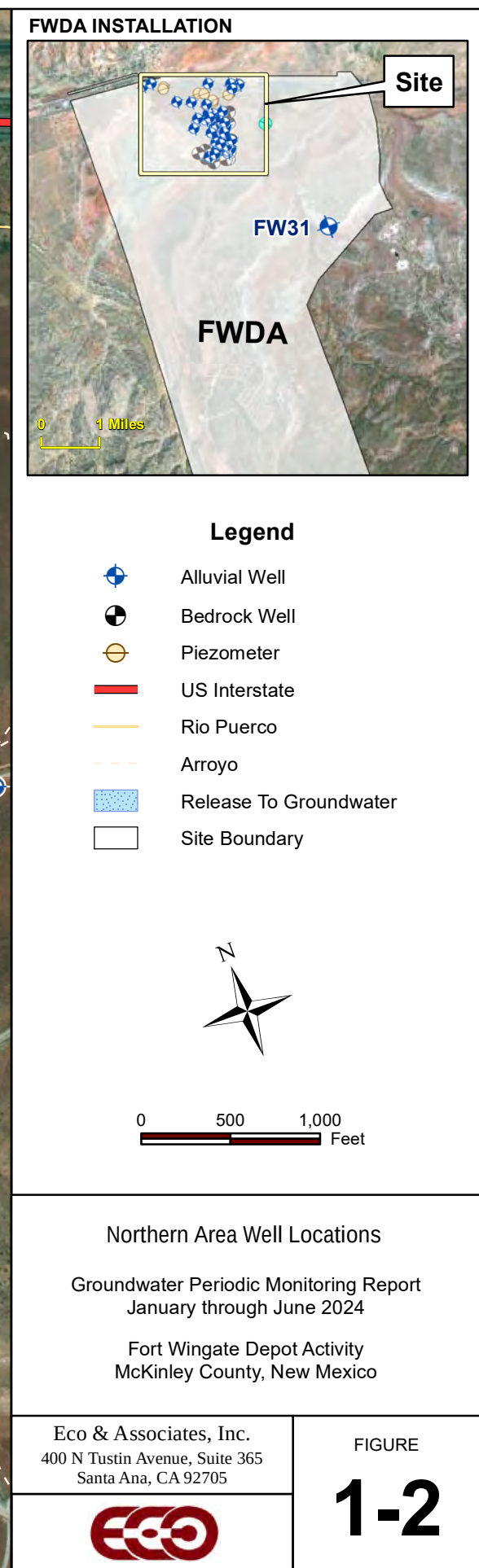
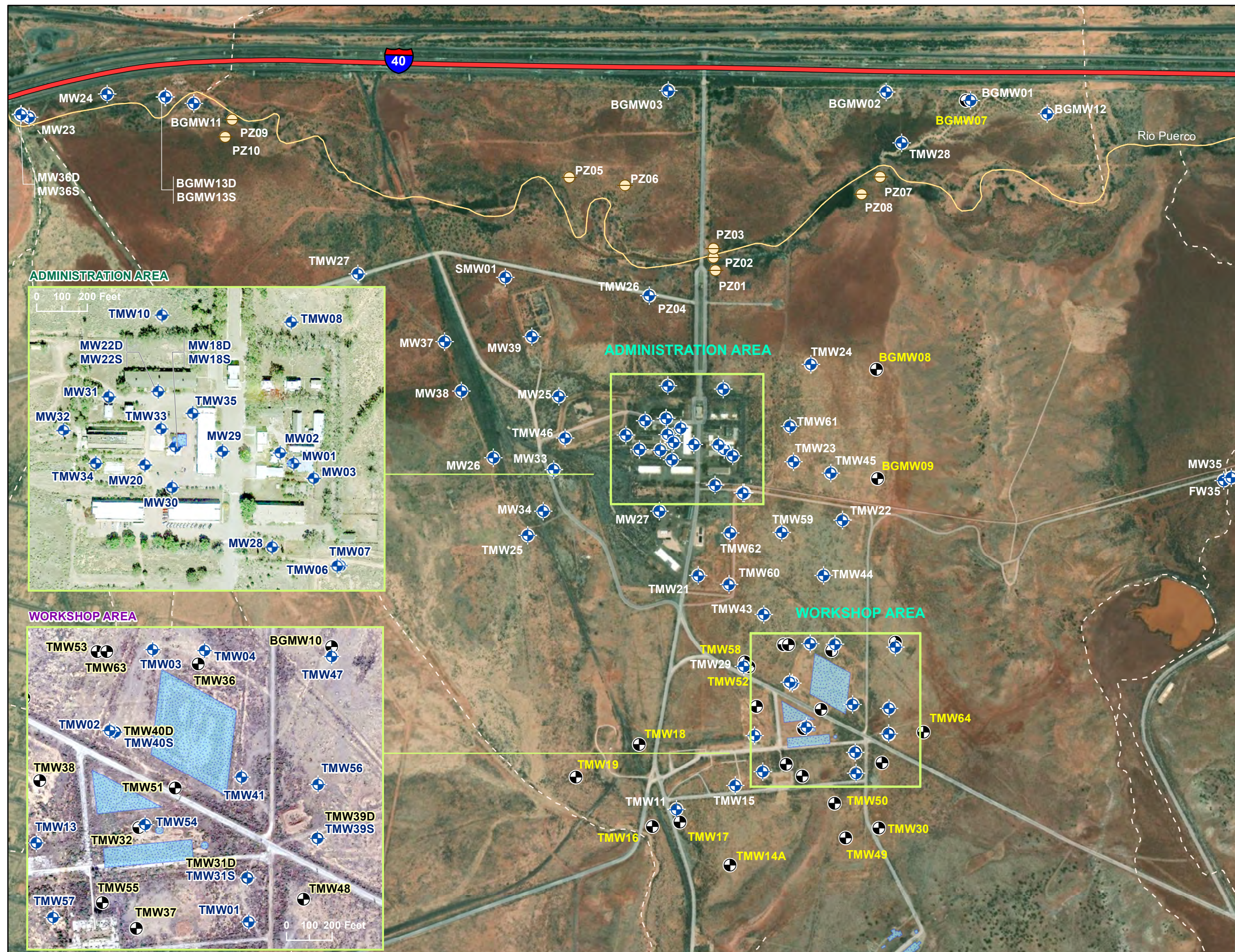
Phone: 714.289.0995

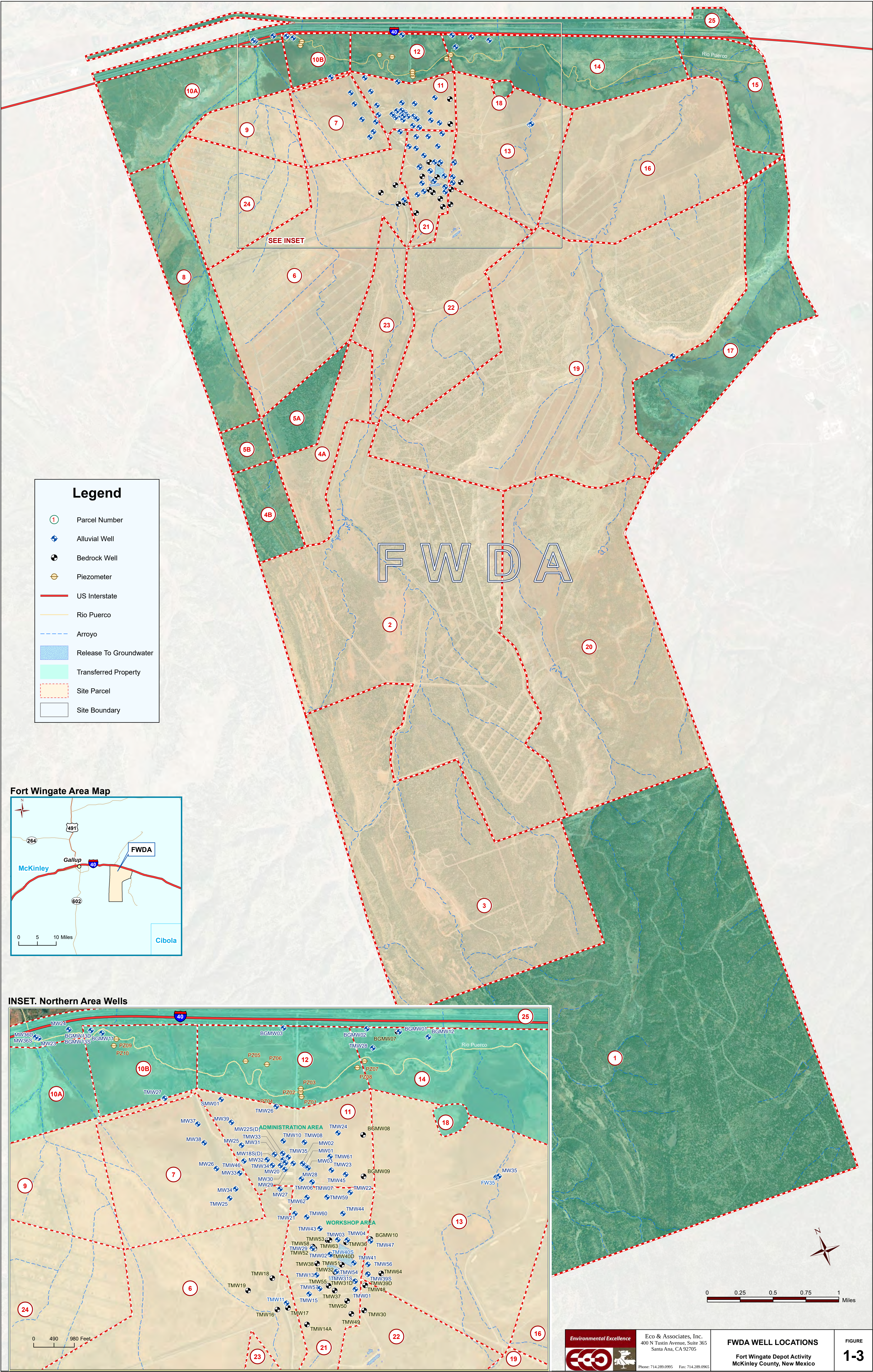
Fax: 714.289.0965

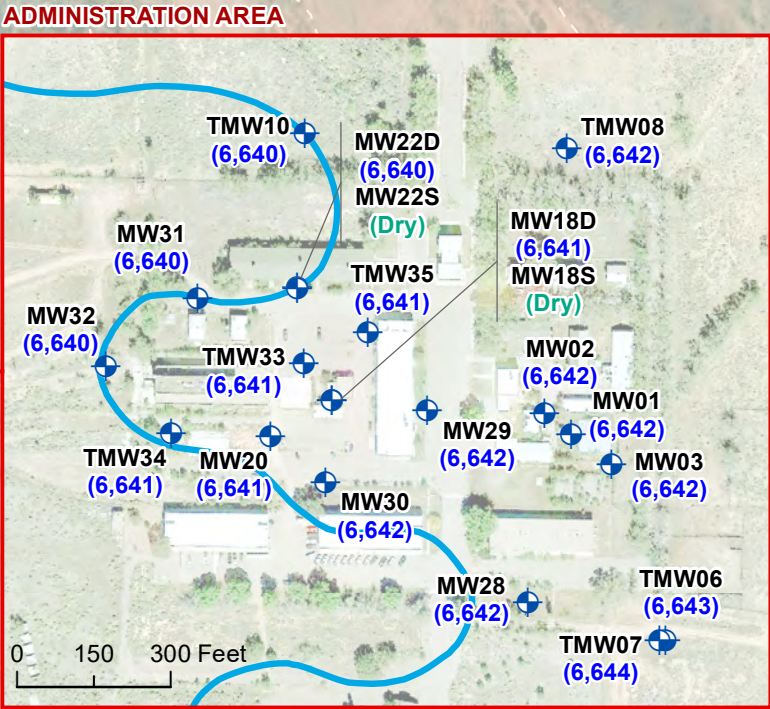
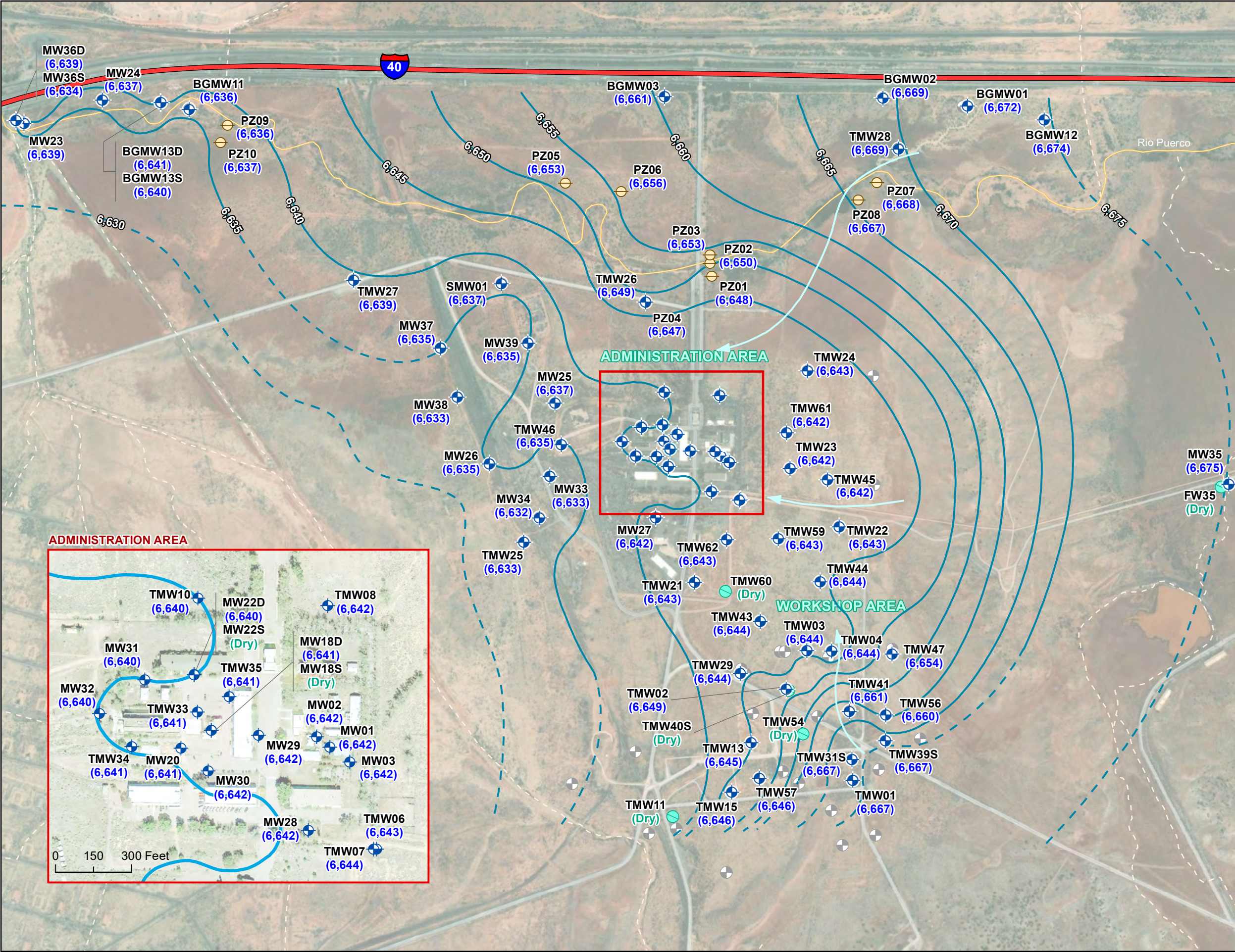
SITE LOCATION MAP

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
1-1







FWDA INSTALLATION

Site

FW31 (6,789)

FWDA

0 1 Miles

Legend

	Alluvial Well		Rio Puerco
	Dry Well		GW Flow
	Bedrock Well	GWE (ft msl):	
	Piezometer		Actual
	US Interstate		Inferred
	Arroyo		

0 500 1,000 Feet

NOTES & ABBREVIATIONS

- Elevations are given in feet above mean sea level (ft msl) using North America Vertical Datum of 1988 (NAVD88).
- GWE = Groundwater Elevation
- Wells MW18S and MW18D share the same monument, as do wells MW22S and MW22D, MW36S and MW36D, BGMW13S and BGMW13D.
- Map reflects water level measurements collected in January 2024.

Northern Area Alluvial Groundwater Contour Map - January 2024

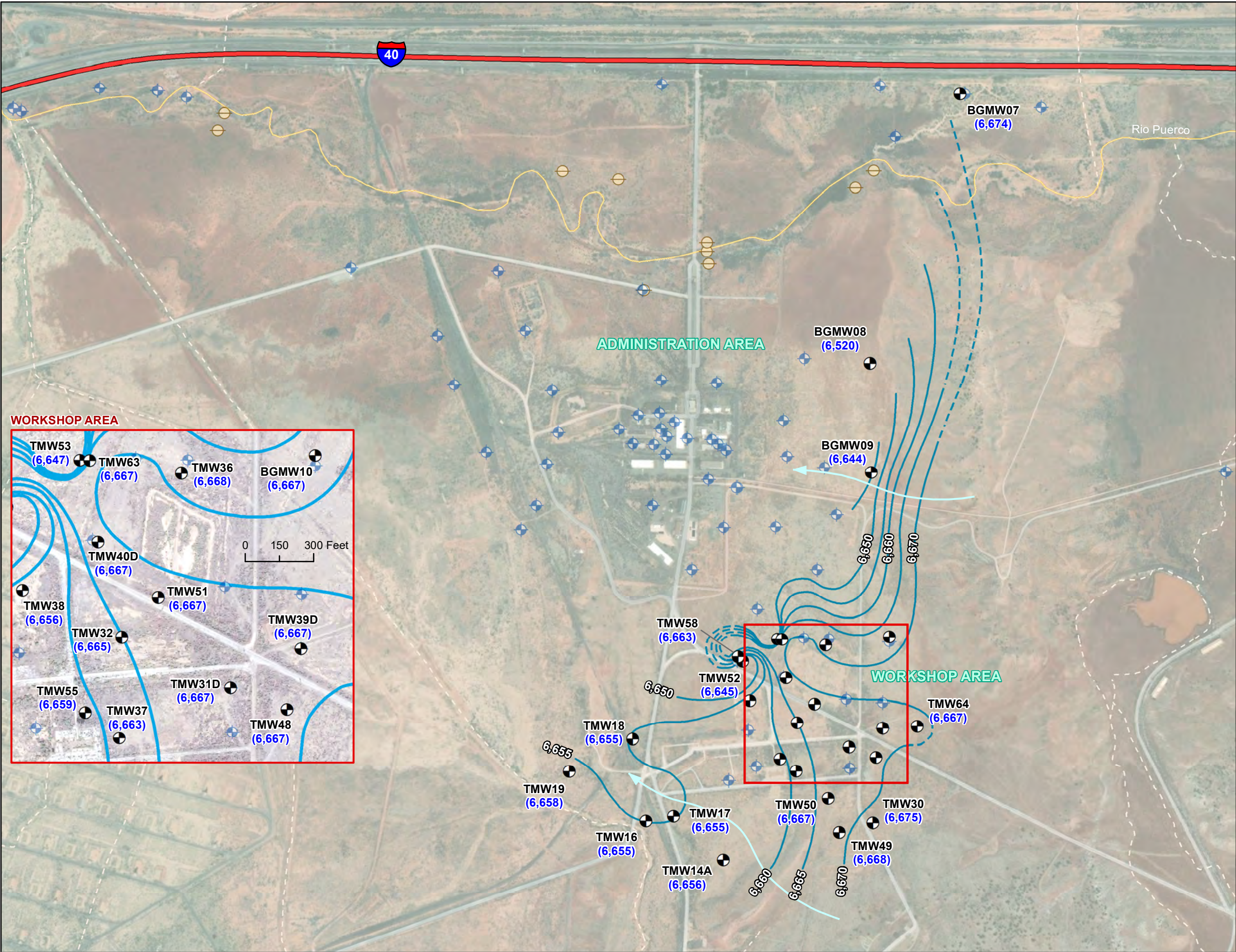
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

4-1

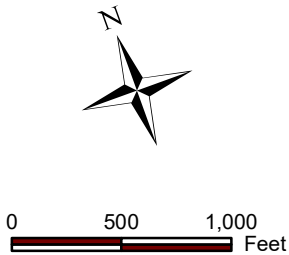


Legend

- Alluvial Well
- Bedrock Well
- Piezometer
- US Interstate
- Arroyo
- Rio Puerco
- Site Boundary
- GW Flow

GW Elevation (ft msl):

- Actual
- Inferred



NOTES & ABBREVIATIONS

- 1. Elevations are given in feet above mean sea level (ft msl) using North America Vertical Datum of 1988 (NAVD88).
- 2. GW = Groundwater
- 3. Well BGMW08 was not used for generating contours.
- 4. Map reflects water level measurements collected in January 2024.

Northern Area Bedrock Groundwater Contour Map - January 2024

Groundwater Periodic Monitoring Report
January through June 2024

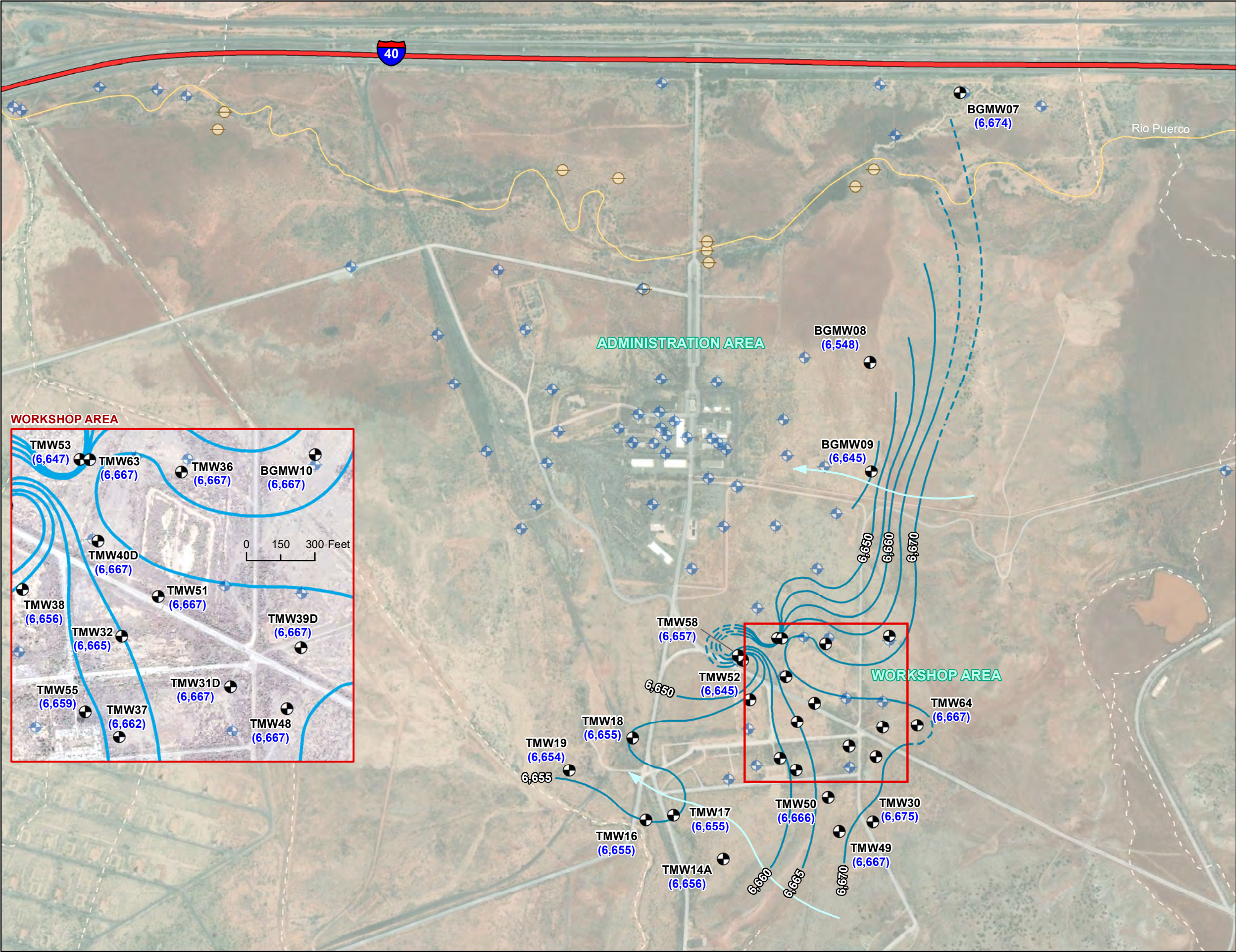
Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

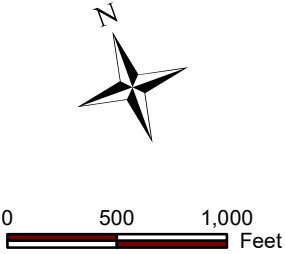


FIGURE

4-3



- Legend**
- Alluvial Well
 - Bedrock Well
 - Piezometer
 - US Interstate
 - Arroyo
 - Rio Puerco
 - Site Boundary
 - GW Flow
 - GW Elevation (ft msl):**
 - Actual
 - Inferred



NOTES & ABBREVIATIONS

- Elevations are given in feet above mean sea level (ft msl) using North America Vertical Datum of 1988 (NAVD88).
- GW = Groundwater
- Well BGMW08 was not used for generating contours.
- Map reflects water level measurements collected in April 2024.

Northern Area Bedrock Groundwater Contour Map - April 2024

Groundwater Periodic Monitoring Report
January through June 2024

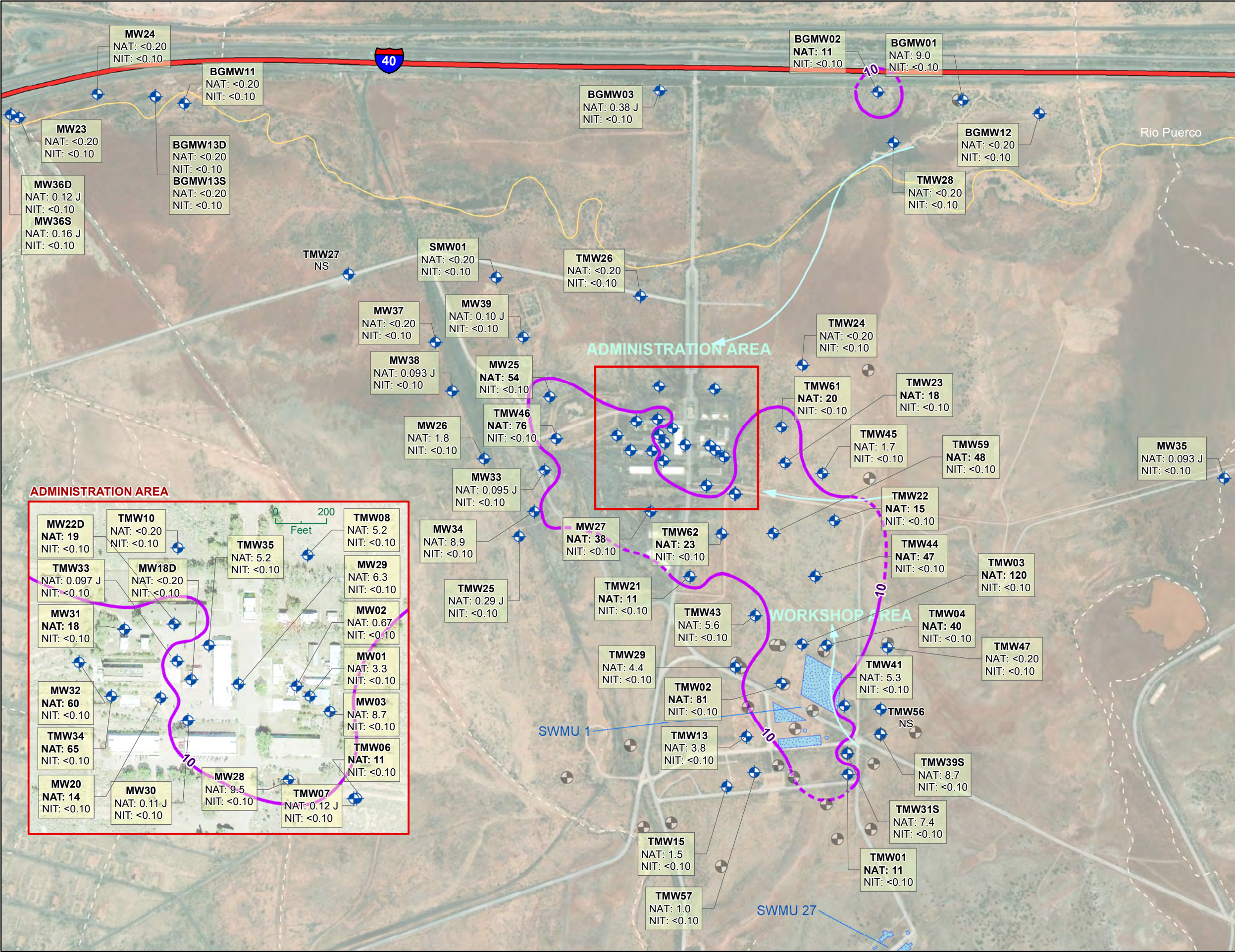
Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705



FIGURE

4-4



FWDA INSTALLATION

Site

FWDA

NAT: 0.10 J
NIT: <0.10

0 1 Miles

Legend

Alluvial Well

Bedrock Well

US Interstate

Arroyo

Rio Puerco

Release to GW

Site Boundary

GW Flow

Nitrate (10 mg/L):
 Actual
 Inferred

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. NAT= Nitrate
2. NIT = Nitrite
3. mg/L = milligrams per liter
4. NS = Not Sampled
5. J = Estimated Value
6. GW = Groundwater
7. SWMU = Solid Waste Management Unit
8. All results are given in mg/L.
9. Results in **bold** exceed corresponding screening level (SL):
SL (NAT)= 10 mg/L, SL (NIT) = 1 mg/L.
10. Map reflects data collected in April 2024.

Northern Area Nitrate and Nitrite in Alluvial Groundwater - April 2024

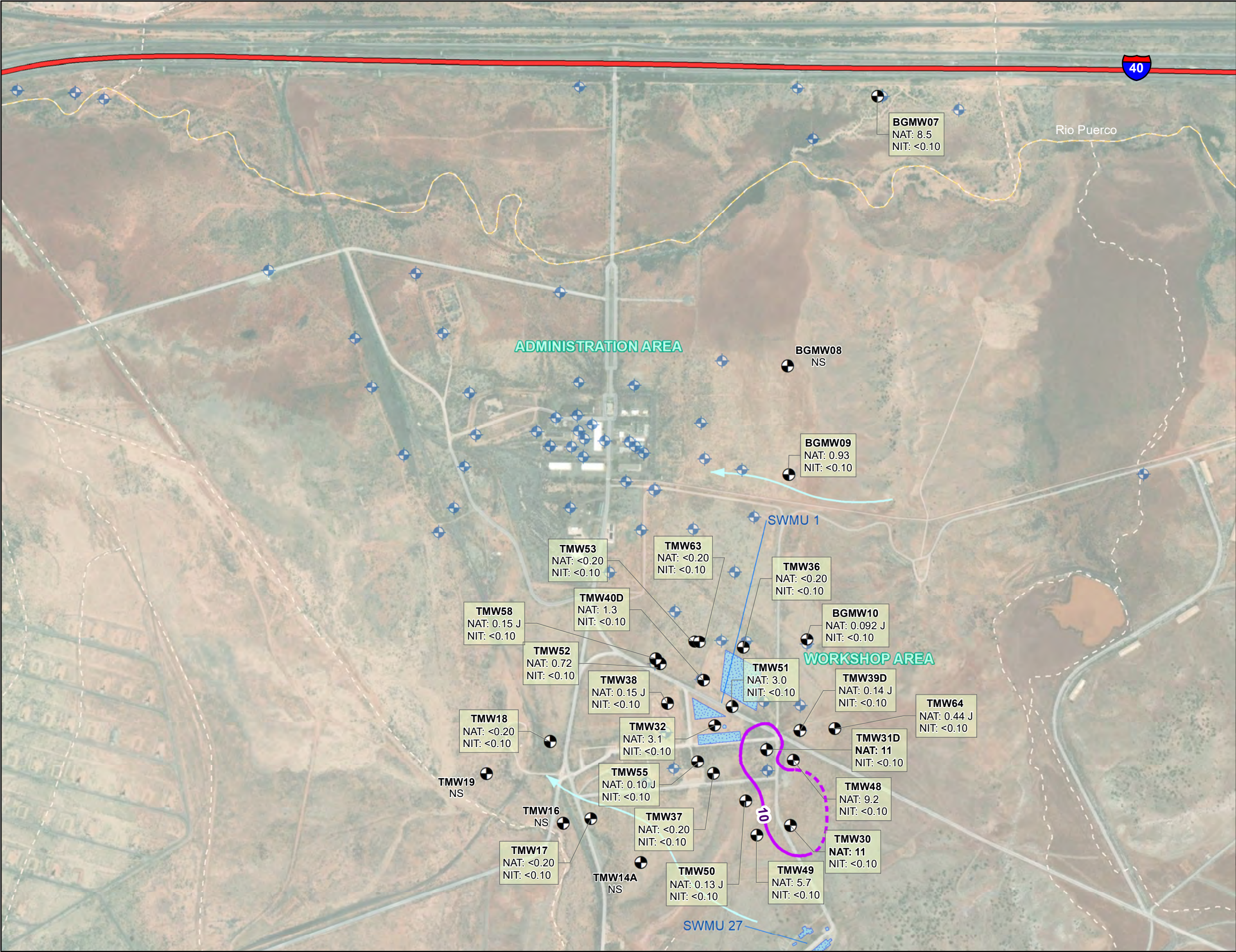
Groundwater Periodic Monitoring Report
January through June 2024

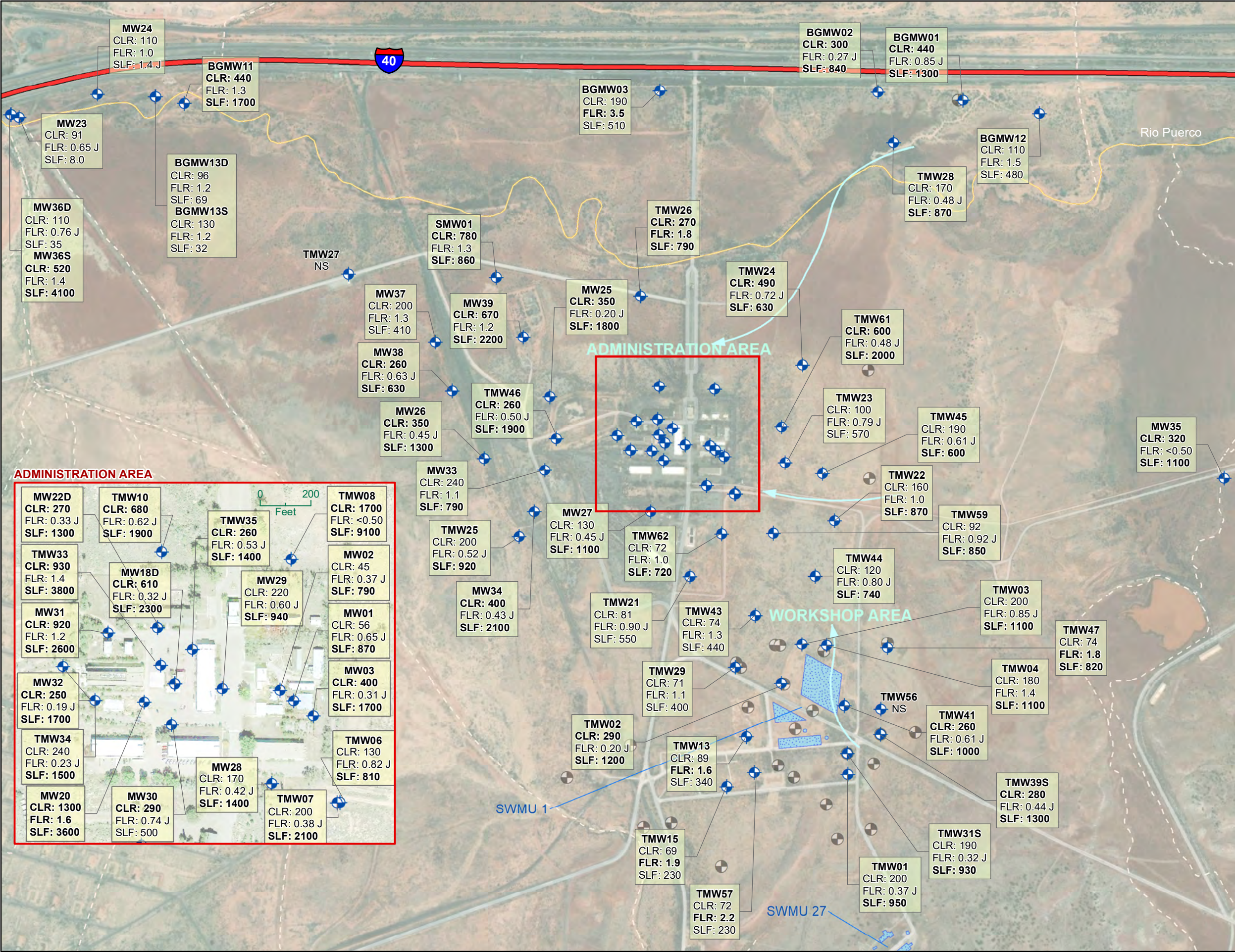
Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

5-1





FWDA INSTALLATION

Site

FWDA

FW31
CLR: 7.1
FLR: 3.5
SLF: 700

0 1 Miles

Legend

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

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. CLR = Chloride
2. FLR = Fluoride
3. SLF = Sulfate
4. mg/L = milligrams per liter
5. NS = Not Sampled
6. J = Estimated Value
7. GW = Groundwater
8. SWMU = Solid Waste Management Unit
9. All results are given in mg/L.
10. Results in **bold** exceed corresponding screening level (SL):
SL (Chloride) = 250 mg/L, SL (Fluoride) = 1.6 mg/L,
SL (Sulfate) = 600 mg/L.
11. Map reflects data collected in April 2024.

Northern Area Chloride, Fluoride, and Sulfate in Alluvial Groundwater - April 2024

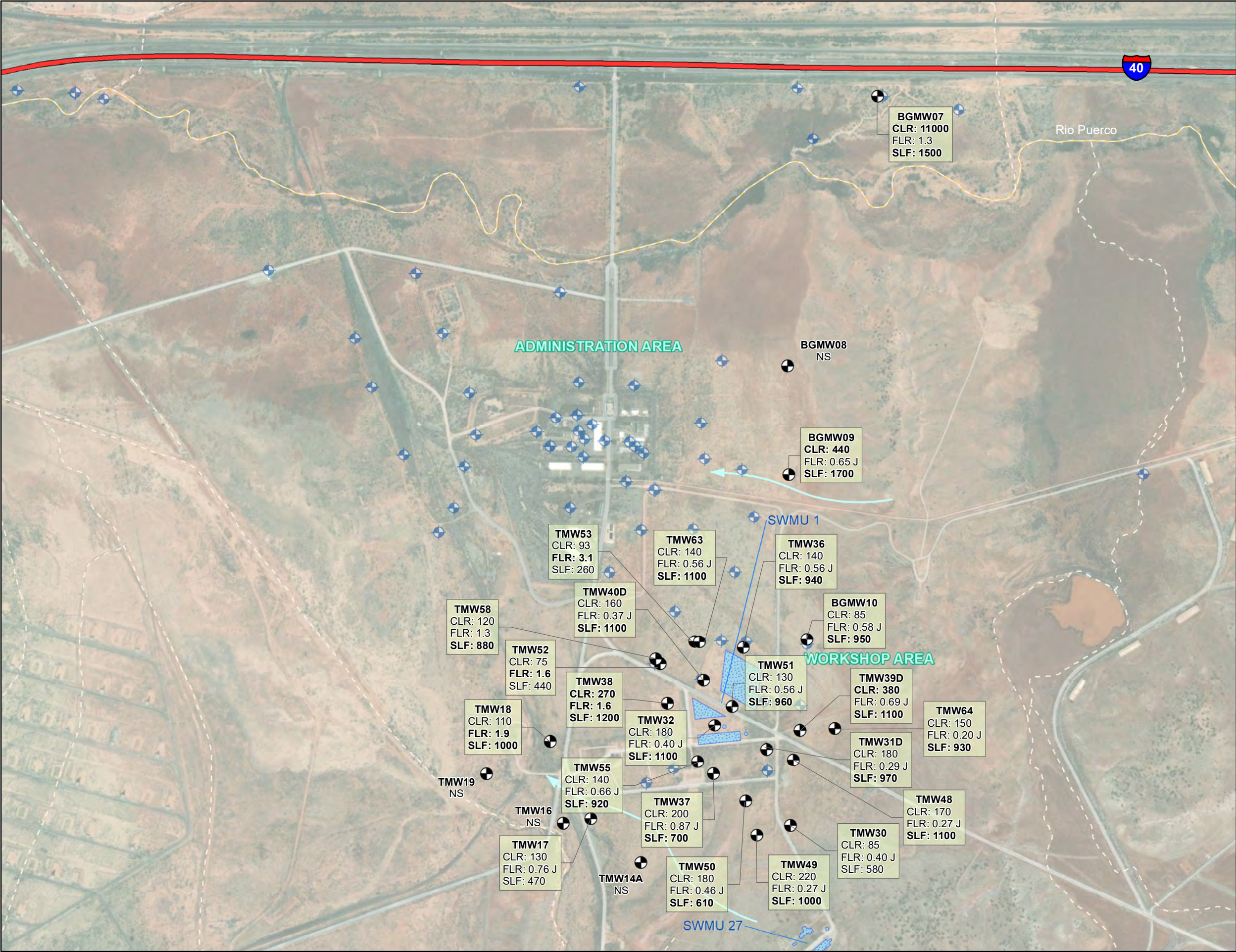
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

5-3



Legend

Bedrock Well

Alluvial Well

US Interstate

Rio Puerco

Arroyo

Groundwater Flow

Release to Groundwater

Site Boundary

05001,000
Feet

- NOTES & ABBREVIATIONS
1. CLR = Chloride

2. FLR = Fluoride

3. SLF = Sulfate

4. mg/L = milligrams per liter

5. NS = Not Sampled

6. J = Estimated Value

7. SWMU = Solid Waste Management Unit

8. All results are given in mg/L.

9. Results in **bold** exceed corresponding screening level (SL):
SL (Chloride) = 250 mg/L, SL (Fluoride) = 1.6 mg/L,
SL (Sulfate) = 600 mg/L.

10. Map reflects data collected in April 2024.

Northern Area Chloride, Fluoride, and Sulfate
in Bedrock Groundwater - April 2024

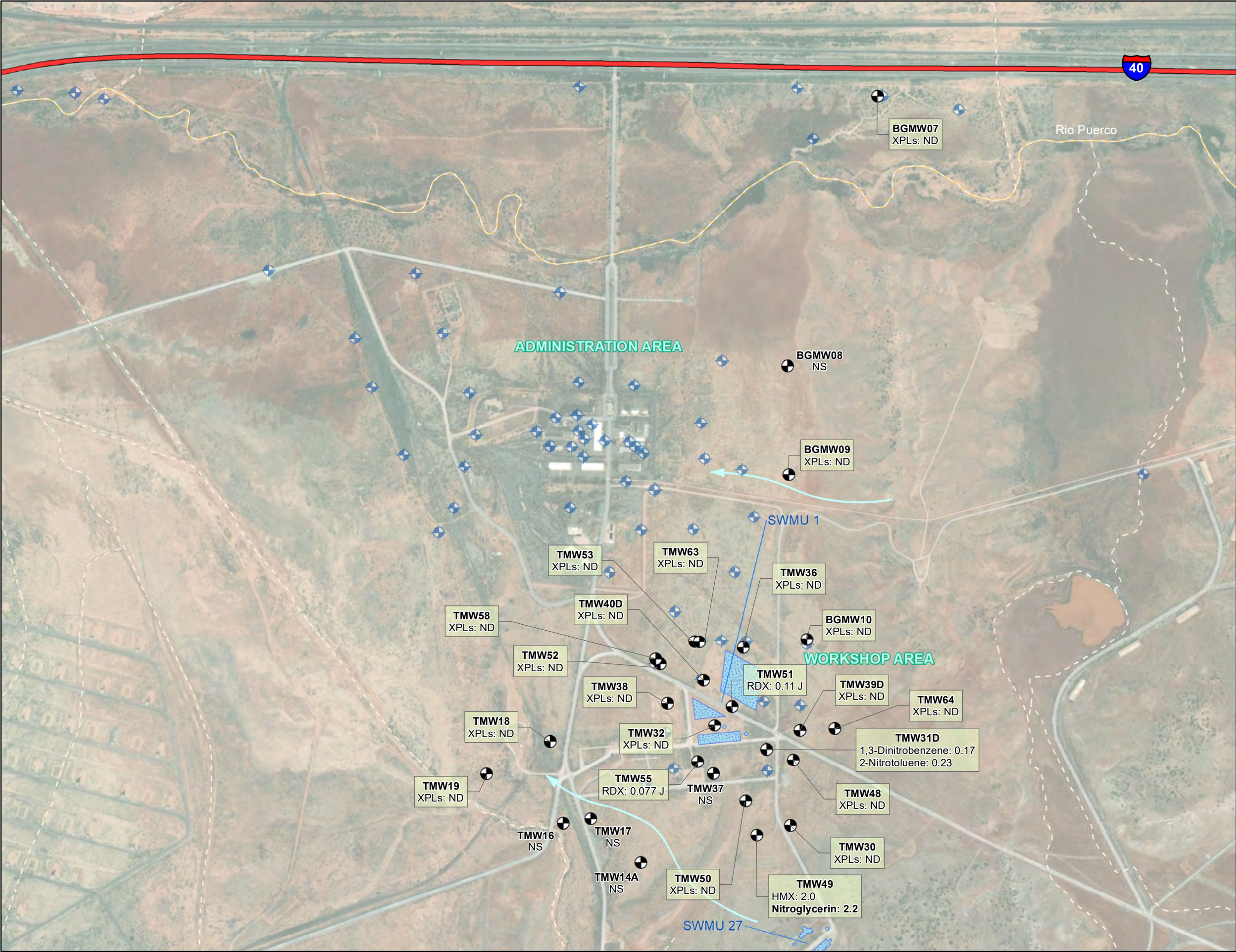
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

5-4



Legend

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



0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. XPLs = Explosives
2. RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine
3. HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
4. µg/L = micrograms per liter
5. ND = Not Detected
6. NS = Not Sampled
7. J = Estimated Value
8. SWMU = Solid Waste Management Unit
9. All results are given in µg/L.
10. Map reflects data collected in April 2024.

**Northern Area Explosives in
Bedrock Groundwater - April 2024**

Groundwater Periodic Monitoring Report
January through June 2024

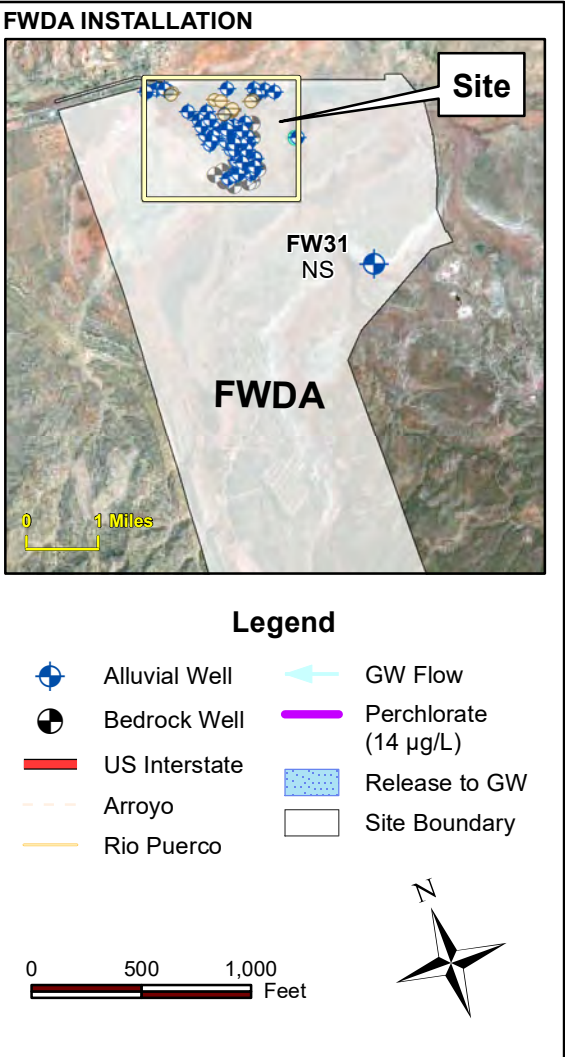
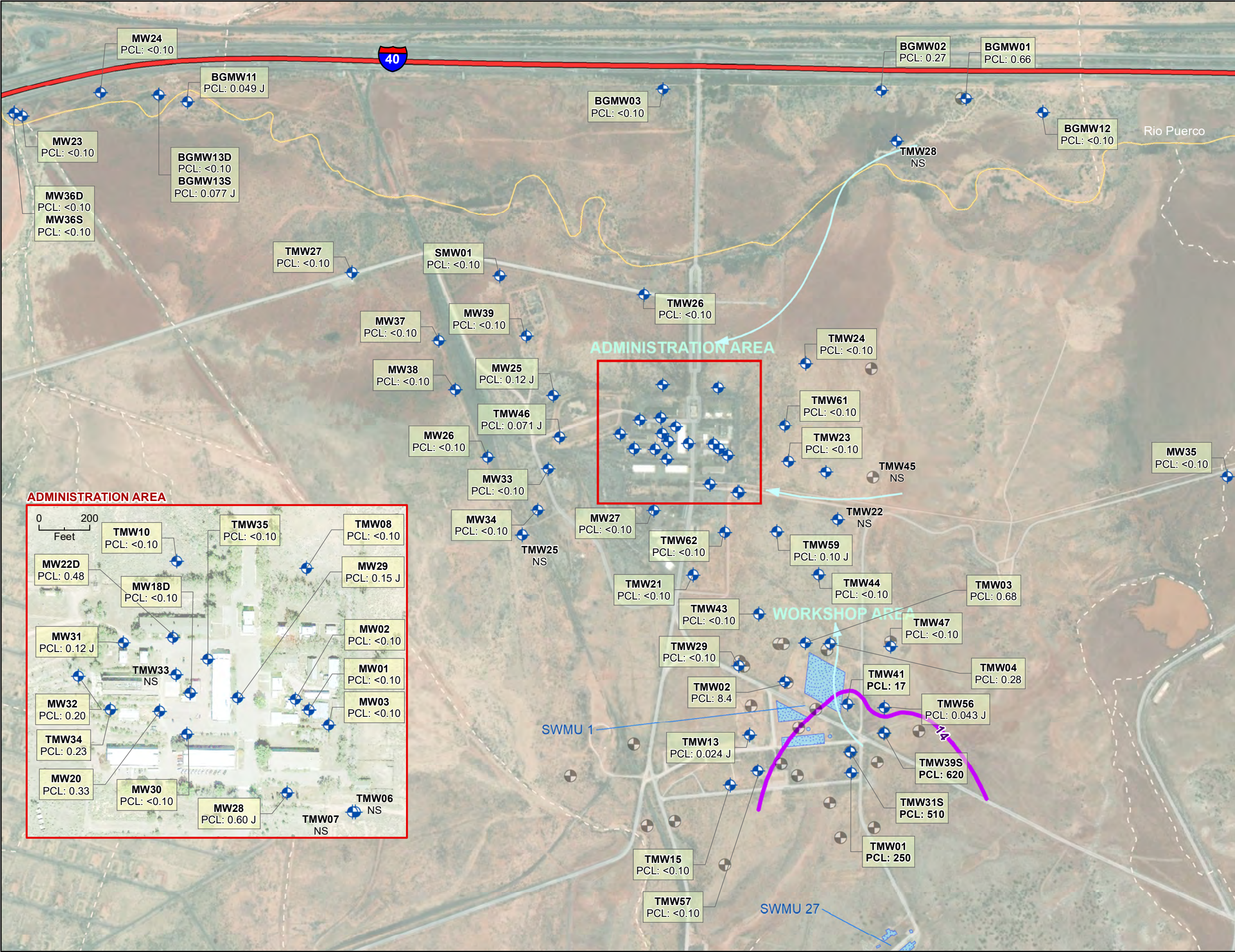
Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

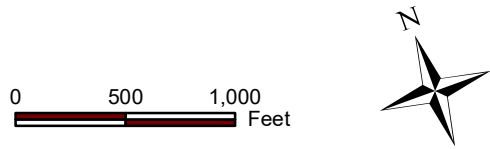


FIGURE

5-6



- Legend**
- Alluvial Well
 - Bedrock Well
 - US Interstate
 - Arroyo
 - Rio Puerco
 - GW Flow
 - Perchlorate (14 µg/L)
 - Release to GW
 - Site Boundary



- NOTES & ABBREVIATIONS**
- PCL = Perchlorate
 - µg/L = micrograms per liter
 - NS = Not Sampled
 - J = Estimated Value
 - GW = Groundwater
 - SWMU = Solid Waste Management Unit
 - All results are given in µg/L.
 - Results in **bold** exceed corresponding screening level (SL):
SL (PCL) = 14 µg/L.
 - Map reflects data collected in April 2024.

Northern Area Perchlorate in Alluvial Groundwater - April 2024

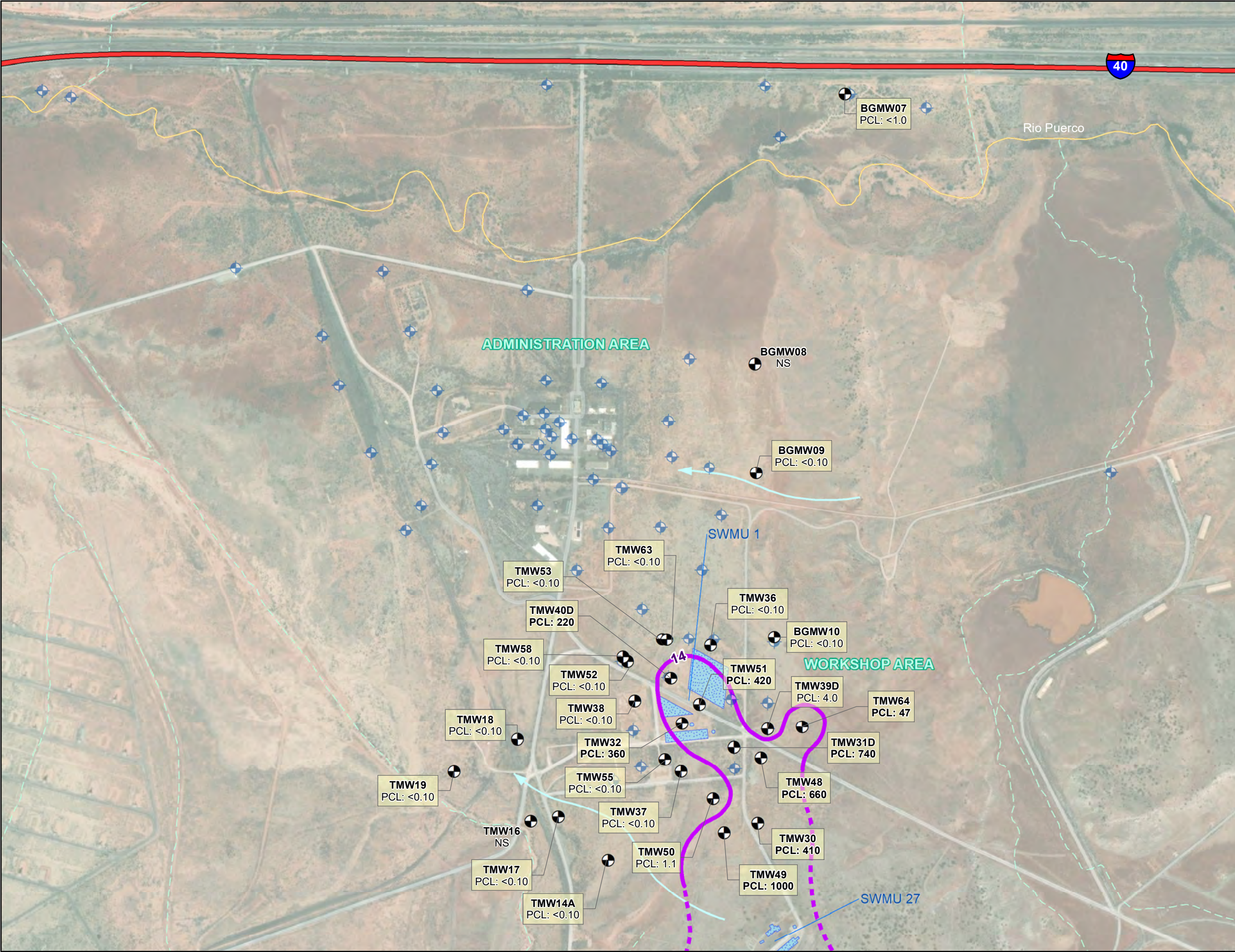
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

5-7



Legend

Bedrock Well

Alluvial Well

US Interstate

Rio Puerco

Arroyo

Release to Groundwater

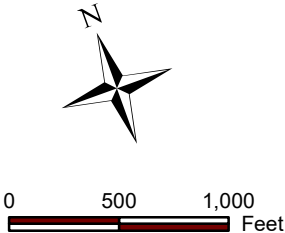
Site Boundary

Groundwater Flow

Perchlorate (14 µg/L):

Actual

Inferred



- NOTES & ABBREVIATIONS**
1. PCL = Perchlorate

2. µg/L = micrograms per liter

3. NS = Not Sampled

4. SWMU = Solid Waste Management Unit

5. All results are given in µg/L.

6. Results in **bold** exceed corresponding screening level (SL):

7. Map reflects data collected in April 2024.
- Northern Area Perchlorate in
Bedrock Groundwater - April 2024

Groundwater Periodic Monitoring Report
January through June 2024

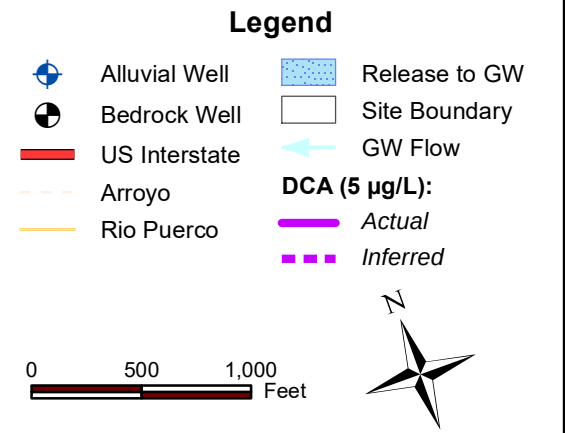
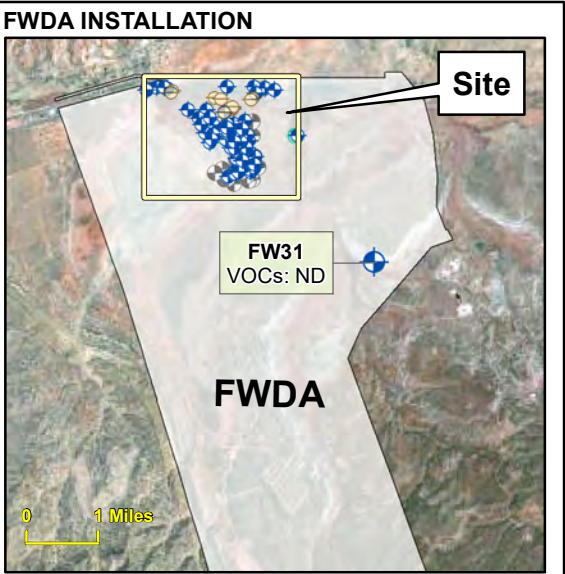
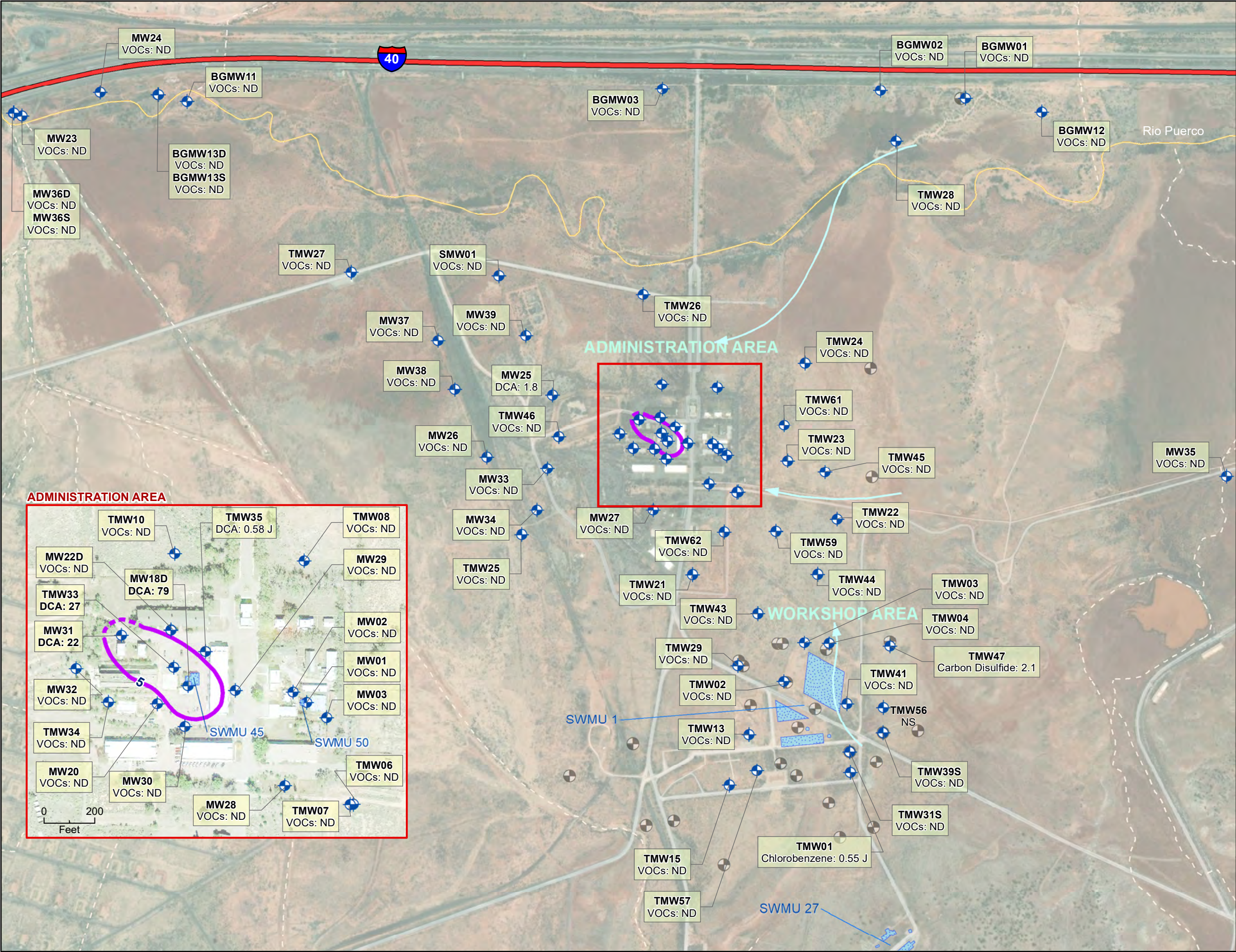
Fort Wingate Depot Activity
McKinley County, New Mexico
- Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705

FIGURE

5-8
- Updated on: 1/9/2025

Project No.: Eco-18-1237

Page 53



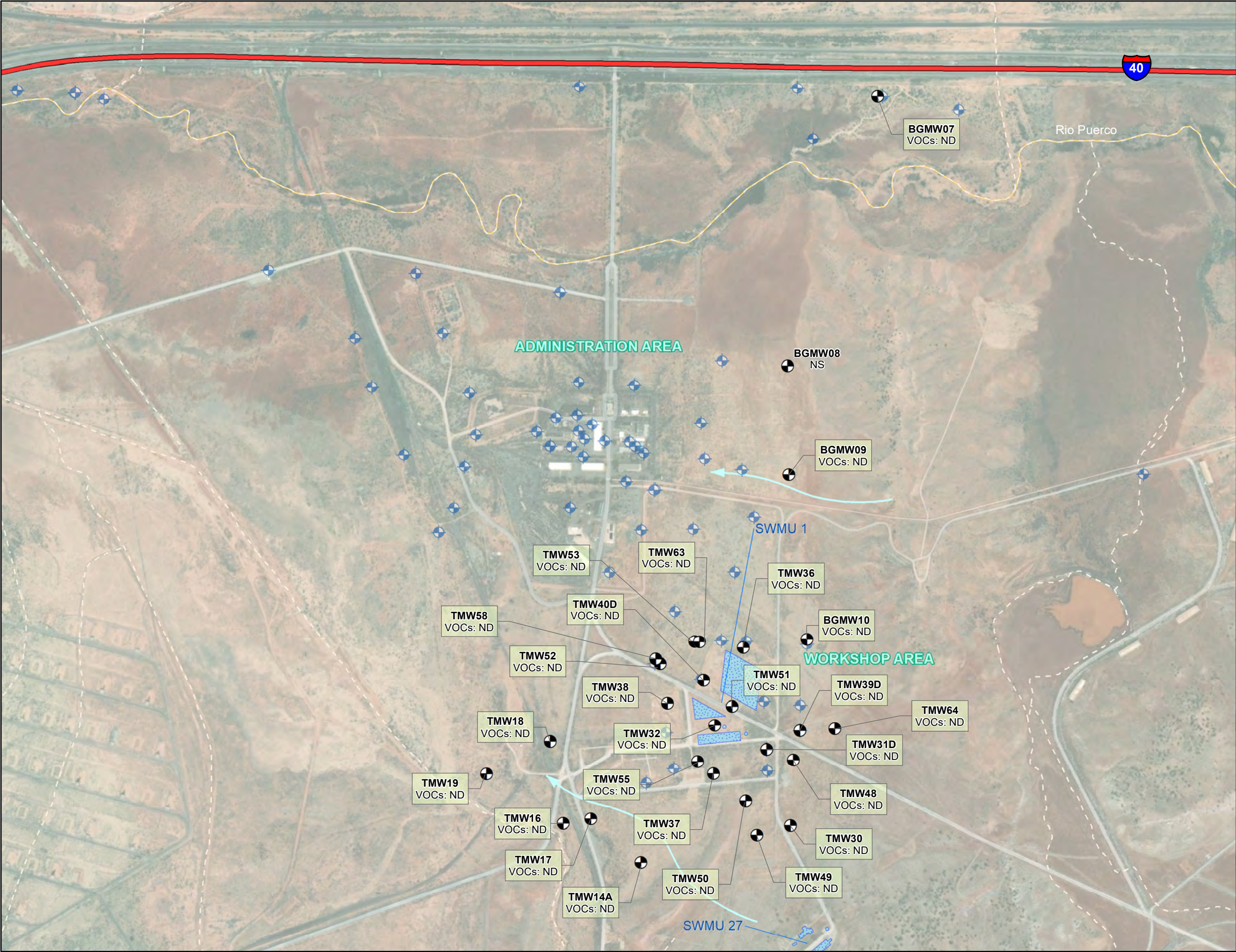
- NOTES & ABBREVIATIONS**
- VOCs = Volatile Organic Compounds
 - DCA = 1,2-Dichloroethane
 - µg/L = micrograms per liter
 - ND = Not Detected
 - NS = Not Sampled
 - J = Estimated Value
 - GW = Groundwater
 - SWMU = Solid Waste Management Unit
 - All results are given in µg/L.
 - Results in **bold** exceed corresponding screening level (SL):
 - SL (DCA) = 5 µg/L.
 - Map reflects data collected in April 2024.

Northern Area VOCs in
Alluvial Groundwater - April 2024

Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc. 400 N Tustin Avenue, Suite 365 Santa Ana, CA 92705	FIGURE 5-9
---	----------------------



Legend

Bedrock Well

Alluvial Well

US Interstate

Rio Puerco

Arroyo

Groundwater Flow

Release to Groundwater

Site Boundary



0 500 1,000 Feet

NOTES & ABBREVIATIONS

- 1. VOCs = Volatile Organic Compounds
- 2. ND = Not Detected
- 3. NS = Not Sampled
- 4. SWMU = Solid Waste Management Unit
- 5. Map reflects data collected in April 2024.

Northern Area VOCs in
Bedrock Groundwater - April 2024

Groundwater Periodic Monitoring Report
January through June 2024

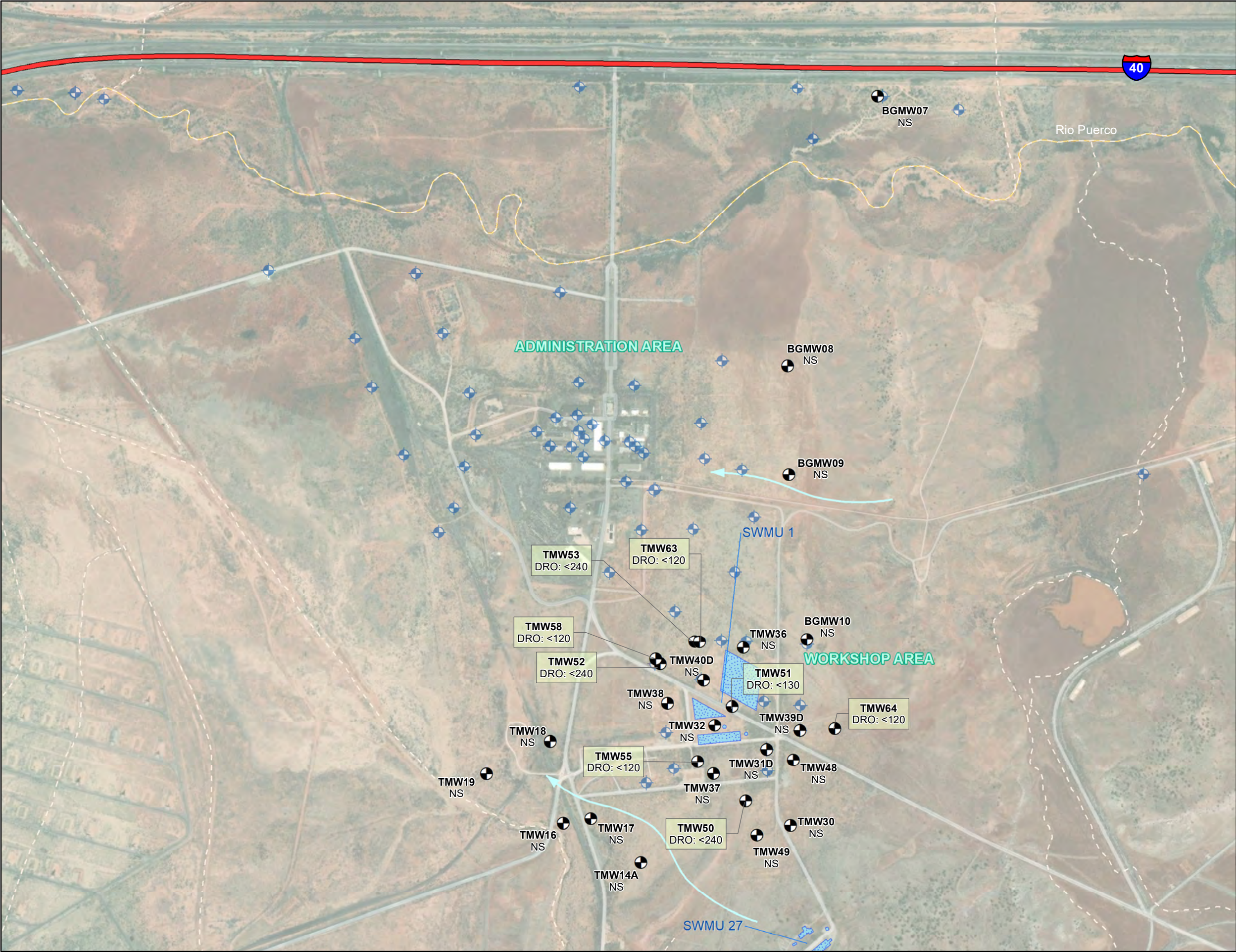
Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705



FIGURE

5-10



Legend

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

North arrow pointing up.

Scale bar: 0, 500, 1,000 Feet

- NOTES & ABBREVIATIONS**
- 1. TPH = Total Petroleum Hydrocarbons
 - 2. DRO = Diesel Range Organics
 - 3. µg/L = micrograms per liter
 - 4. NS = Not Sampled
 - 5. SWMU = Solid Waste Management Unit
 - 6. All results are given in µg/L.
 - 7. Map reflects data collected in April 2024.

Northern Area TPH-DRO in
Bedrock Groundwater - April 2024

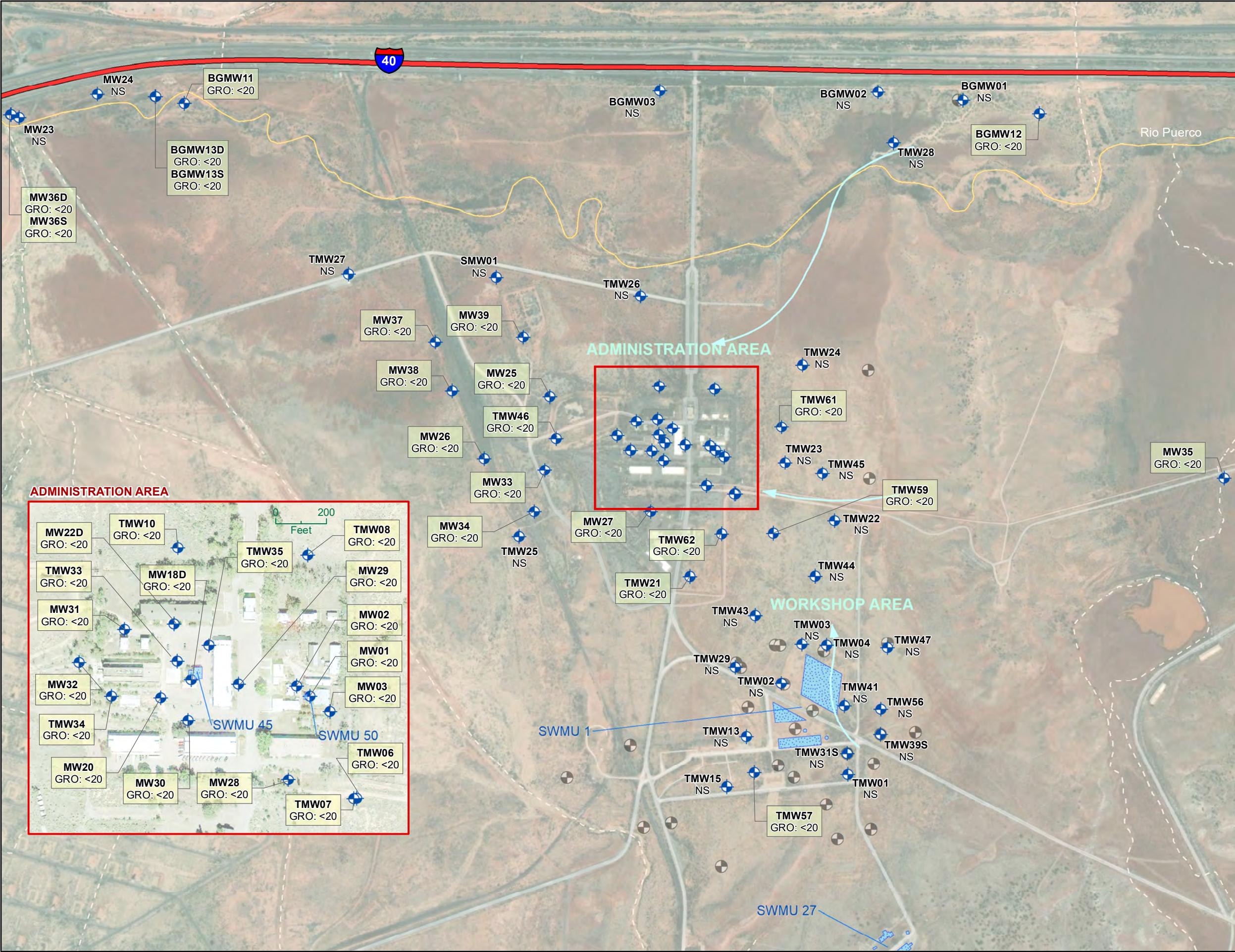
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Avenue, Suite 365
Santa Ana, CA 92705



FIGURE
5-12



FWDA INSTALLATION

Legend

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

NOTES & ABBREVIATIONS

1. TPH = Total Petroleum Hydrocarbons
2. GRO = Gasoline Range Organics
3. µg/L = micrograms per liter
4. NS = Not Sampled
5. GW = Groundwater
6. SWMU = Solid Waste Management Unit
7. All results are given in µg/L.
8. Map reflects data collected in April 2024.

Northern Area TPH-GRO in Alluvial Groundwater - April 2024

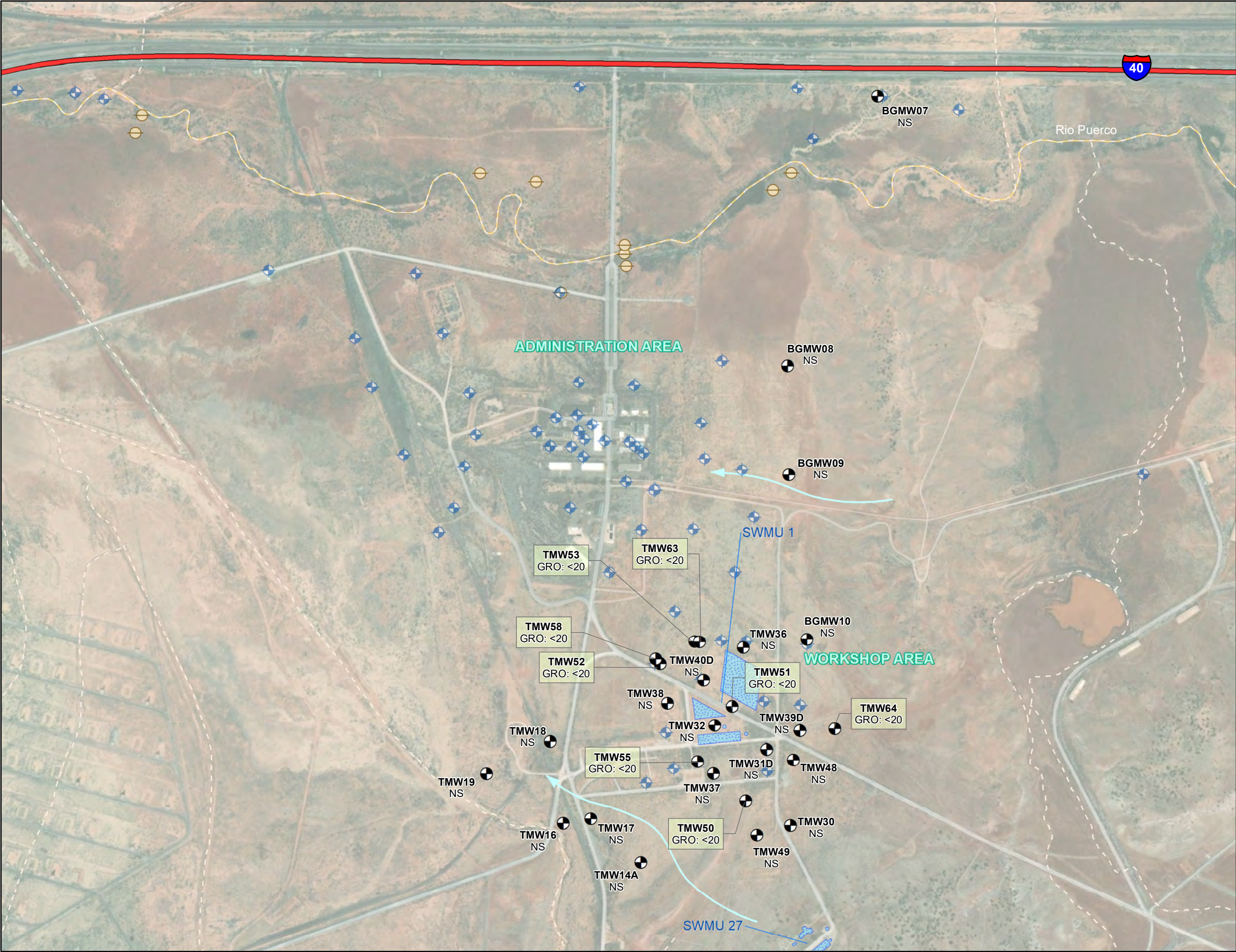
Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Ave., Suite 365
Santa Ana, CA 92705

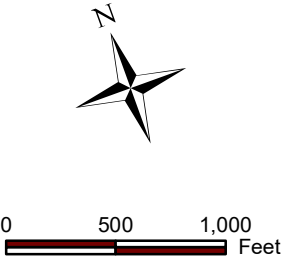
FIGURE

5-13



Legend

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



- NOTES & ABBREVIATIONS**
- 1. TPH = Total Petroleum Hydrocarbons
 - 2. GRO = Gasoline Range Organics
 - 3. µg/L = micrograms per liter
 - 4. NS = Not Sampled
 - 5. SWMU = Solid Waste Management Unit
 - 6. All results are given in µg/L.
 - 7. Map reflects data collected in April 2024.

Northern Area TPH-GRO in
Bedrock Groundwater - April 2024

Groundwater Periodic Monitoring Report
January through June 2024

Fort Wingate Depot Activity
McKinley County, New Mexico

Eco & Associates, Inc.
400 N Tustin Ave., Suite 365
Santa Ana, CA 92705



FIGURE
5-14

TABLES

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS

Groundwater Periodic Monitoring Report — January through June 2024
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	6,685.3										

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS
Groundwater Periodic Monitoring Report — January through June 2024
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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							

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS
Groundwater Periodic Monitoring Report — January through June 2024
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	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										
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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.

ABBREVIATIONS and ACRONYMS:

- | | | | |
|------|-------------------------------------|--------|---|
| amsl | = above mean sea level | in | = inches |
| AR | = air rotary drilling method | ML | = silt |
| bgs | = below ground surface | NA | = not available |
| CL | = lean clay | NAD83 | = North American Datum of 1983 |
| ft | = feet | NAVD88 | = North American Vertical Datum of 1988 |
| FWDA | = Fort Wingate Depot Activity | NM | = New Mexico |
| HSA | = hollow stem auger drilling method | PVC | = polyvinyl chloride |

TABLE 2-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX
Groundwater Periodic Monitoring Report — January through June 2024
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
<i>Northern Area Monitoring Wells - Alluvial</i>												
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	Well was dry and was not sampled.											
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	Well was dry and was not sampled.											
MW20	x	x	x	x	x	x	x	x	x	x	—	—
MW22S	Well was dry and was not sampled.											
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 2024
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	Well was dry and was not sampled.											
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 2024
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	Well was dry and was not sampled.											
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	Well was dry and was not sampled.											
TMW56	Well has limited volume and typically considered 'dry' since it does not recharge, but sampled for perchlorate and explosives this event.											
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	Well was dry and was not sampled.											
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 2024
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 = semi-volatile organic compound
TAL = total analyte list
TCL = target compound list
TPH = total petroleum hydrocarbons
VOC = volatile organic compound
X = sample is analyzed for the specified method

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS Groundwater Periodic Monitoring Report — January through June 2024 Fort Wingate Depot Activity, New Mexico												
METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
6020A	Aluminum	7429-90-5	µg/L		5,000			20,000	5,000	WQCC		
6020A	Calcium ⁵	7440-70-2	µg/L						NA			
6020A	Iron	7439-89-6	µg/L		1,000			14,000	1,000	WQCC		
6020A	Magnesium ⁵	7439-95-4	µg/L						NA			
6020A	Potassium ⁵	7440-09-7	µg/L						NA			
6020A	Sodium ⁵	7440-23-5	µg/L						NA			
6020A	Antimony	7440-36-0	µg/L	6	6			7.8	6	WQCC		
6020A	Arsenic	7440-38-2	µg/L	10	10	0.052	0.52	6	10	WQCC		
6020A	Barium	7440-39-3	µg/L	2,000	2,000			3,800	2,000	WQCC		
6020A	Beryllium	7440-41-7	µg/L	4	4			25	4	WQCC		
6020A	Cadmium	7440-43-9	µg/L	5	5			1.8	5	WQCC		
6020A	Chromium	7440-47-3	µg/L	100	50				50	WQCC		
6020A	Cobalt	7440-48-4	µg/L		50			6	50	WQCC		
6020A	Copper	7440-50-8	µg/L	1,300	1,000			800	1,000	WQCC		
6020A	Lead	7439-92-1	µg/L	15	15			15	15	WQCC		
6020A	Manganese	7439-96-5	µg/L		200			430	200	WQCC		
6020A	Nickel	7440-02-0	µg/L		200			390	200	WQCC		
6020A	Selenium	7782-49-2	µg/L	50	50			100	50	WQCC		
6020A	Silver	7440-22-4	µg/L		50			94	50	WQCC		
6020A	Thallium	7440-28-0	µg/L	2	2			0.2	2	WQCC		
6020A	Vanadium	7440-62-2	µg/L					86	86	RSL	nc	
6020A	Zinc	7440-66-6	µg/L		10,000			6,000	10,000	WQCC		
6850	Perchlorate	14797-73-0	µg/L					14	14	RSL	nc	
7470A	Mercury	7439-97-6	µg/L	2	2			0.63	2	WQCC		
8015D	Diesel Range Organics (DRO) [C10 C28]	68334-30-5	µg/L						16.7	NMED RAG ⁴		
8015D	<i>Bromobenzene (Surrogate)</i>	108-86-1	%						NA			

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS Groundwater Periodic Monitoring Report — January through June 2024 Fort Wingate Depot Activity, New Mexico												
METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8015D	Hexacosane (Surrogate)	630-01-3	%						NA			
8015D	Gasoline Range Organics (GRO) [C6 C10]	8006-61-9	µg/L						10.1	NMED RAG ⁴		
8015D	Bromofluorobenzene (Surrogate)	460-00-4	%						NA			
8260C	1,1,1,2-Tetrachloroethane	630-20-6	µg/L			0.57	5.7	480	5.7	RSL	c	
8260C	1,1,1-Trichloroethane	71-55-6	µg/L	200	200			8,000	200	WQCC		
8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L		10	0.076	0.76	360	10	WQCC		
8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L					10,000	10,000	RSL	nc	
8260C	1,1,2-Trichloroethane	79-00-5	µg/L	5	5	0.28	2.8	0.41	5	WQCC		
8260C	1,1-Dichloroethane	75-34-3	µg/L		25	2.8	28	3,800	25	WQCC		
8260C	1,1-Dichloroethene	75-35-4	µg/L	7	7			280	7	WQCC		
8260C	1,1-Dichloropropene (Surrogate dichloropropene, 1,3)	563-58-6	µg/L			0.47	4.7	39	4.7	RSL	c	
8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L					7	7	RSL	nc	
8260C	1,2,3-Trichloropropane	96-18-4	µg/L			0.00075	0.0075	0.62	0.0075	RSL	c	
8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC		
8260C	1,2,4-Trimethylbenzene	95-63-6	µg/L					56	56	RSL	nc	
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	0.2		0.00033	0.0033	0.37	0.2	MCL		
8260C	1,2-Dibromoethane	106-93-4	µg/L	0.05		0.0075	0.075	17	0.05	MCL		
8260C	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC		
8260C	1,2-Dichloroethane	107-06-2	µg/L	5	5	0.17	1.7	13	5	WQCC		
8260C	1,3,5-Trimethylbenzene	108-67-8	µg/L					60	60	RSL	nc	
8260C	1,3-Dichlorobenzene (Surrogate dichlorobenzene, 1,4)	541-73-1	µg/L	75	75	0.48	4.8	570	75	MCL		
8260C	1,3-Dichloropropane	142-28-9	µg/L					370	370	RSL	nc	
8260C	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC		
8260C	2,2-Dichloropropane (Surrogate dichloropropane, 1,2)	594-20-7	µg/L	5	5	0.85	8.5	8.2	5	MCL		
8260C	2-Butanone (MEK)	78-93-3	µg/L					5,600	5,600	RSL	nc	
8260C	2-Chlorotoluene	95-49-8	µg/L					240	240	RSL	nc	
8260C	2-Hexanone	591-78-6	µg/L					38	38	RSL	nc	
8260C	4-Chlorotoluene	106-43-4	µg/L					250	250	RSL	nc	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS

Groundwater Periodic Monitoring Report — January through June 2024

Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8260C	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/L					6,300	6,300	RSL	nc	methyl isobutyl ketone
8260C	Acetone	67-64-1	µg/L					18,000	18,000	RSL	nc	
8260C	Benzene	71-43-2	µg/L	5	5	0.46	4.6	33	5	WQCC		
8260C	Bromobenzene	108-86-1	µg/L					62	62	RSL	nc	
8260C	Bromochloromethane	74-97-5	µg/L					83	83	RSL	nc	
8260C	Bromodichloromethane	75-27-4	µg/L	80		0.13	1.3	150	80	MCL		
8260C	Bromoform	75-25-2	µg/L	80		3.3	33	380	80	MCL		
8260C	Bromomethane	74-83-9	µg/L					7.5	7.5	RSL	nc	
8260C	Carbon disulfide	75-15-0	µg/L					810	810	RSL	nc	
8260C	Carbon tetrachloride	56-23-5	µg/L	5	5	0.46	4.6	49	5	WQCC		
8260C	Chlorobenzene	108-90-7	µg/L	100				78	100	MCL		
8260C	Chloroethane	75-00-3	µg/L					8,300	8,300	RSL	nc	
8260C	Chloroform	67-66-3	µg/L	80	100	0.22	2.2	97	80	MCL		
8260C	Chloromethane	74-87-3	µg/L					190	190	RSL	nc	
8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	70	70			25	70	WQCC		
8260C	cis-1,3-Dichloropropene (<i>Surrogate dichloropropene, 1,3</i>)	10061-01-5	µg/L			0.47	4.7	39	4.7	RSL	c	
8260C	Dibromochloromethane	124-48-1	µg/L	80		0.87	8.7	380	80	MCL		
8260C	Dibromomethane	74-95-3	µg/L					8.3	8.3	RSL	nc	
8260C	Dichlorodifluoromethane	75-71-8	µg/L					200	200	RSL	nc	
8260C	Ethylbenzene	100-41-4	µg/L	700	700	1.5	15	500	700	WQCC		
8260C	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	8260 and 8270
8260C	Isopropylbenzene	98-82-8	µg/L					450	450	RSL	nc	
8260C	Methyl acetate	79-20-9	µg/L					20,000	20,000	RSL	nc	
8260C	Methyl tert butyl ether	1634-04-4	µg/L		100	14	140	6,300	100	WQCC	c	
8260C	Methylcyclohexane (<i>Surrogate cyclohexane</i>)	108-87-2	µg/L						NS			
8260C	Methylene Chloride	75-09-2	µg/L	5	5	11	110	110	5	MCL		
8260C	m-Xylene & p Xylene	179601-23-1	µg/L					190	190	RSL	nc	
8260C	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		
8260C	n-Butylbenzene	104-51-8	µg/L					1000	1000	RSL	nc	
8260C	N-Propylbenzene	103-65-1	µg/L					660	660	RSL	nc	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS Groundwater Periodic Monitoring Report — January through June 2024 Fort Wingate Depot Activity, New Mexico												
METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8260C	o-Xylene	95-47-6	µg/L					190	190	RSL	nc	
8260C	p-Isopropyltoluene (<i>Surrogate cumene</i>)	99-87-6	µg/L						NS			
8260C	sec-Butylbenzene	135-98-8	µg/L					2,000	2,000	RSL	nc	
8260C	Styrene	100-42-5	µg/L	100	100			1,200	100	WQCC		
8260C	tert-Butylbenzene	98-06-6	µg/L					690	690	RSL	nc	
8260C	Toluene	108-88-3	µg/L	1,000	1,000			1,100	1,000	WQCC		
8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	100	100			68	100	WQCC		
8260C	trans-1,3-Dichloropropene (<i>Surrogate dichloropropene, 1,3</i>)	10061-02-6	µg/L			0.47	4.7	39	4.7	RSL	c	
8260C	Trichloroethene	79-01-6	µg/L	5	5	0.49	4.9	2.8	5	WQCC		
8260C	Trichlorofluoromethane	75-69-4	µg/L					5,200	5,200	RSL	nc	
8260C	Vinyl chloride	75-01-4	µg/L	2	2	0.019	0.19	42	2	WQCC		
8260C	1,2-Dichloroethane-d4 (<i>Surrogate</i>)	17060-07-0	%						NA			
8260C	Toluene d8 (<i>Surrogate</i>)	2037-26-5	%						NA			
8260C	Dibromofluoromethane (<i>Surrogate</i>)	1868-53-7	%						NA			
8260C	4 Bromofluorobenzene (<i>Surrogate</i>)	460-00-4	%						NA			
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	µg/L					0.17	0.17	RSL	nc	
8270D	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC		
8270D	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC		
8270D	1,2-Diphenylhydrazine	122-66-7	µg/L			0.078	0.78		0.78	RSL	c	
8270D	1,3-Dichlorobenzene (<i>Surrogate dichlorobenzene, 1,4</i>)	541-73-1	µg/L	75	75	0.48	4.8	570	75	WQCC		
8270D	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC		
8270D	2,2-Oxybis(1-chloropropane)	108-60-1	µg/L					710	710	RSL	nc	bis-(2-chloroisopropyl) ether
8270D	2,3,4,6-Tetrachlorophenol	58-90-2	µg/L					240	240	RSL	nc	
8270D	2,4,5-Trichlorophenol	95-95-4	µg/L					1,200	1,200	RSL	nc	
8270D	2,4,6-Trichlorophenol	88-06-2	µg/L			4.1	41	12	12	RSL	nc	
8270D	2,4-Dichlorophenol	120-83-2	µg/L					46	46	RSL	nc	
8270D	2,4-Dimethylphenol	105-67-9	µg/L					360	360	RSL	nc	
8270D	2,4-Dinitrophenol	51-28-5	µg/L					39	39	RSL	nc	
8270D	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS

Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8270D	2,6-Dichlorophenol (<i>Surrogate dichlorophenol, 2,4</i>)	87-65-0	µg/L					46	46	RSL	nc	
8270D	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	8270 and 8330
8270D	2-Chloronaphthalene	91-58-7	µg/L					750	750	RSL	nc	
8270D	2-Chlorophenol	95-57-8	µg/L					91	91	RSL	nc	
8270D	2-Methylnaphthalene	91-57-6	µg/L		30			36	30	WQCC		
8270D	2-Methylphenol	95-48-7	µg/L					930	930	RSL	nc	
8270D	2-Nitroaniline	88-74-4	µg/L					190	190	RSL	nc	
8270D	2-Nitrophenol	88-75-5	µg/L						NS			
8270D	3-Methylphenol	108-39-4	µg/L					930	930	RSL	nc	4-methylphenol (**)
8270D	4-Methylphenol	106-44-5	µg/L					370	370	RSL	nc	4-methylphenol (**)
8270D	3,3-Dichlorobenzidine	91-94-1	µg/L			0.13	1.3		1.3	RSL	c	
8270D	3-Nitroaniline (<i>Surrogate 4-nitroaniline</i>)	99-09-2	µg/L			3.8	38	78	38	RSL	c	
8270D	4,6-Dinitro-2-methylphenol	534-52-1	µg/L					1.5	1.5	RSL	nc	
8270D	4-Bromophenyl phenyl ether	101-55-3	µg/L						NS			
8270D	4-Chloro-3-methylphenol	59-50-7	µg/L					1,400	1,400	RSL	nc	
8270D	4-Chloroaniline	106-47-8	µg/L			0.37	3.7	9.5	3.7	RSL	c	
8270D	4-Chlorophenyl phenyl ether	7005-72-3	µg/L						NS			
8270D	4-Nitroaniline	100-01-6	µg/L			3.8	38	78	38	RSL	c	
8270D	4-Nitrophenol (<i>Surrogate 2-chlorophenol</i>)	100-02-7	µg/L						NS			
8270D	Acenaphthene	83-32-9	µg/L					530	530	RSL	nc	
8270D	Acenaphthylene	208-96-8	µg/L						NS			
8270D	Anthracene	120-12-7	µg/L					1,800	1,800	RSL	nc	
8270D	Benzaldehyde	100-52-7	µg/L			19	190	1,900	190	RSL	c	
8270D	Benzidine	92-87-5	µg/L			0.00011	0.0011	59	0.0011	RSL	c	
8270D	Benzo[a]anthracene	56-55-3	µg/L			0.03	0.3		0.3	RSL	c	
8270D	Benzo[a]pyrene	50-32-8	µg/L	0.2	0.2	0.025	0.25	6	0.2	WQCC		
8270D	Benzo[b]fluoranthene	205-99-2	µg/L			0.25	2.5		2.5	RSL	c	
8270D	Benzo[g,h,i]perylene	191-24-2	µg/L						NS			
8270D	Benzo[k]fluoranthene	207-08-9	µg/L			2.5	25		25	RSL	c	
8270D	Benzoic acid	65-85-0	µg/L					75,000	75,000	RSL	nc	
8270D	Benzyl alcohol	100-51-6	µg/L					2,000	2,000	RSL	nc	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS

Groundwater Periodic Monitoring Report — January through June 2024

Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8270D	bis-(2-Chloroethoxy)methane	111-91-1	µg/L					59	59	RSL	nc	
8270D	bis-(2-Chloroethyl)ether	111-44-4	µg/L			0.014	0.14		0.14	RSL	c	
8270D	bis-(2-Ethylhexyl)phthalate	117-81-7	µg/L	6		5.6	56	400	6	MCL		
8270D	Butyl benzyl phthalate	85-68-7	µg/L			16	160	1,700	160	RSL	c	
8270D	Caprolactam	105-60-2	µg/L					9,900	9,900	RSL	nc	
8270D	Carbazole (<i>Surrogate fluorene</i>)	86-74-8	µg/L					290	290	RSL	nc	
8270D	Chrysene	218-01-9	µg/L			25	250		250	RSL	c	
8270D	Dibenz(a,h)anthracene	53-70-3	µg/L			0.025	0.25		0.25	RSL	c	
8270D	Dibenzofuran	132-64-9	µg/L					7.9	7.9	RSL	nc	
8270D	Diethyl phthalate	84-66-2	µg/L					15,000	15,000	RSL	nc	
8270D	Dimethyl phthalate	131-11-3	µg/L						NS			
8270D	Di-n-butyl phthalate	84-74-2	µg/L					900	900	RSL	nc	
8270D	Di-n-octyl phthalate	117-84-0	µg/L					200	200	RSL	nc	
8270D	Fluoranthene	206-44-0	µg/L					800	800	RSL	nc	
8270D	Fluorene	86-73-7	µg/L					290	290	RSL	nc	
8270D	Hexachlorobenzene	118-74-1	µg/L	1		0.0098	0.098	0.2	1	MCL		
8270D	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	8260 and 8270
8270D	Hexachlorocyclopentadiene	77-47-4	µg/L	50				0.41	50	MCL		
8270D	Hexachloroethane	67-72-1	µg/L			0.33	3.3	6.2	3.3	RSL	c	
8270D	Indeno(1,2,3-cd)pyrene	193-39-5	µg/L			0.25	2.5		2.5	RSL	c	
8270D	Isophorone	78-59-1	µg/L			78	780	3,800	780	RSL	c	
8270D	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		
8270D	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	
8270D	N-Nitrosodimethylamine	62-75-9	µg/L			0.00011	0.0011	0.055	0.0011	RSL	c	
8270D	N-Nitrosodi-n-propylamine	621-64-7	µg/L			0.011	0.11		0.11	RSL	c	
8270D	N-Nitrosodiphenylamine	86-30-6	µg/L			12	120		120	RSL	c	
8270D	Pentachlorophenol	87-86-5	µg/L	1	1	0.041	0.41	23	1	WQCC		
8270D	Phenanthrene	85-01-8	µg/L						170	NMED RAG ⁴		
8270D	Phenol	108-95-2	µg/L		5			5,800	5	WQCC		
8270D	Pyrene	129-00-0	µg/L					120	120	RSL	nc	
8270D	2,4,6-Tribromophenol (<i>Surrogate</i>)	118-79-6	%						NA			

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS Groundwater Periodic Monitoring Report — January through June 2024 Fort Wingate Depot Activity, New Mexico												
METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
8270D	2-Fluorobiphenyl (Surrogate)	321-60-8	%						NA			
8270D	2-Fluorophenol (Surrogate)	367-12-4	%						NA			
8270D	Nitrobenzene-d5 (Surrogate)	4165-60-0	%						NA			
8270D	Terphenyl-d14 (Surrogate)	1718-51-0	%						NA			
8270D	Phenol-d5 (Surrogate)	4165-62-2	%						NA			
8330B	1,3,5-Trinitrobenzene	99-35-4	µg/L					590	590	RSL	nc	1,3,5-TNB
8330B	1,3-Dinitrobenzene	99-65-0	µg/L					2	2	RSL	nc	1,3-DNB
8330B	2,4,6-Trinitrotoluene	118-96-7	µg/L			2.5	25	9.8	9.8	RSL	nc	
8330B	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	2,4-DNT
8330B	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	8270 and 8330, 2,6-DNT
8330B	2-Amino-4,6-dinitrotoluene	35572-78-2	µg/L					1.9	1.9	RSL	nc	2-AM-4,6-DNT
8330B	3,5-Dinitroaniline (Surrogate 4-nitroaniline)	618-87-1	µg/L					7.7	7.7	RSL	nc	
8330B	4-Amino-2,6-dinitrotoluene	19406-51-0	µg/L					1.9	1.9	RSL	nc	4-AM-2,6-DNT
8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	µg/L					1,000	1,000	RSL	nc	
8330B	m-Nitrotoluene	99-08-1	µg/L					1.7	1.7	RSL	nc	3-nitrotoluene
8330B	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	
8330B	Nitroglycerin	55-63-0	µg/L			4.5	45	2	2	RSL	nc	
8330B	o-Nitrotoluene	88-72-2	µg/L			0.31	3.1	16	3.1	RSL	c	2-nitrotoluene
8330B	Pentaerythritol tetranitrate (PETN)	78-11-5	µg/L			17	170	170	170	RSL	nc	
8330B	p-Nitrotoluene	99-99-0	µg/L			4.3	43	71	43	RSL	c	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	
8330B	Trinitrophenylmethylnitramine (Tetryl)	479-45-8	µg/L					39	39	RSL	nc	
9056A	Nitrate as N	14797-55-8	mg/L	10	10			32	10	WQCC		
9056A	Nitrite as N	14797-65-0	mg/L	1	1			2	1	MCL		
9056A	Fluoride	16984-48-8	mg/L	4	1.6			0.8	1.6	WQCC		

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
9056A	Chloride	16887-00-6	mg/L		250				250	WQCC		
9056A	Sulfate	14808-79-8	mg/L		600				600	WQCC		
9056A	Phosphate	14265-44-2	mg/L									
9056A	Bromide	24959-67-9	mg/L									
8081B	4,4-DDD	72-54-8	µg/L			0.032	0.32	1.1	0.32	RSL	c	
8081B	4,4-DDE	72-55-9	µg/L			0.046	0.46	10	0.46	RSL	c	
8081B	4,4-DDT	50-29-3	µg/L			0.23	2.3	10	2.3	RSL	c	
8081B	Aldrin	309-00-2	µg/L			0.00092	0.0092	0.6	0.0092	RSL	c	
8081B	alpha-BHC	319-84-6	µg/L			0.0072	0.072	97	0.072	RSL	c	
8081B	alpha-Chlordane	5103-71-9	µg/L	2				3.6	2	MCL		
8081B	beta-BHC	319-85-7	µg/L			0.025	0.25		0.25	RSL	c	
8081B	delta-BHC	319-86-8	µg/L							NS		
8081B	Dieldrin	60-57-1	µg/L			0.0018	0.018	0.38	0.018	RSL	c	
8081B	Endosulfan I	959-98-8	µg/L					100	100	RSL	nc	
8081B	Endosulfan II	33213-65-9	µg/L					100	100	RSL	nc	
8081B	Endosulfan sulfate	1031-07-8	µg/L					110	110	RSL	nc	
8081B	Endrin	72-20-8	µg/L	2				2.3	2	MCL		
8081B	Endrin aldehyde (<i>Surrogate Endrin</i>)	7421-93-4	µg/L	2				2.3	2	MCL		
8081B	Endrin ketone (<i>Surrogate Endrin</i>)	53494-70-5	µg/L	2				2.3	2	MCL		
8081B	gamma-BHC (Lindane)	58-89-9	µg/L	0.2		0.042	0.42	3.6	0.2	MCL		
8081B	gamma-Chlordane	5103-74-2	µg/L	2				10	2	MCL		
8081B	Heptachlor	76-44-8	µg/L	0.4		0.0014	0.014	0.26	0.4	MCL		
8081B	Heptachlor epoxide	1024-57-3	µg/L	0.2		0.0014	0.014	0.12	0.2	MCL		
8081B	Methoxychlor	72-43-5	µg/L	40				37	40	MCL		
8081B	Toxaphene	8001-35-2	µg/L	3		0.071	0.71	1.8	3	MCL		
8081B	<i>Tetrachloro-m-Xylene (Surrogate)</i>	877-09-8	µg/L						NA			
8081B	<i>Decachlorobiphenyl (Surrogate)</i>	2051-24-3	µg/L						NA			
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	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL ¹	Dec. 21, 2018 20.6.2 NMAC NM WQCC ²	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁶)	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10 ⁻⁵)	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL ³	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	NOTES
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	
8082	<i>Decachlorobiphenyl (Surrogate)</i>	2051-24-3	µg/L						NA			
8151A	2,4-D	94-75-7	µg/L	70				170	70	MCL		
8151A	2,4-DB	94-82-6	µg/L						NS			
8151A	2,4,5-T	93-76-5	µg/L					160	160	RSL	nc	
8151A	2,4,5-TP (Silvex)	93-72-1	µg/L	50				110	50	MCL		
8151A	Dicamba	1918-00-9	µg/L					570	570	RSL	nc	
8151A	Dichloroprop	120-36-5	µg/L						NS			
8151A	Dinoseb	88-85-7	µg/L	7				15	7	MCL		
8151A	MCPA	94-74-6	µg/L					7.5	7.5	RSL	nc	
8151A	<i>2,4-Dichlorophenylacetic Acid (Surrogate)</i>	94-75-7	µg/L						NA			

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, November 2022.
- 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
µg/L = micrograms per liter
c = carcinogenic risk endpoint
CAS = Chemical Abstract Service registry number
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
MCL = U.S. Environmental Protection Agency Maximum Contaminant Level (Primary or Secondary)
mg/L = milligrams per liter
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 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
Alluvial Wells										
BGMW01	Alluvial	2.40	12.5-32.5	33.0	6,690.28	6,692.68	Jul-14	16.82	19.22	6,673.46
							Oct-14	16.87	19.27	6,673.41
							Jan-15	16.62	19.02	6,673.66
							Mar-15	16.55	18.95	6,673.73
							Jul-15	17.02	19.42	6,673.26
							Oct-15	17.24	19.64	6,673.04
							Jan-16	16.91	19.31	6,673.37
							Apr-16	16.95	19.35	6,673.33
							Jul-16	17.47	19.87	6,672.81
							Oct-16	17.59	19.99	6,672.69
							Jan-17	17.22	19.62	6,673.06
							Apr-17	17.08	19.48	6,673.20
							Jul-17	17.68	20.08	6,672.60
							Oct-17	17.82	20.22	6,672.46
							Jan-18	17.60	20.00	6,672.68
							Apr-18	17.38	19.78	6,672.90
							Jul-18	18.04	20.44	6,672.24
							Oct-18	18.15	20.55	6,672.13
							Jan-19	17.89	20.29	6,672.39
							Apr-19	17.47	19.87	6,672.81
							Jul-19	17.96	20.36	6,672.32
	Sep-19	18.22		20.62	6,672.06					
	2.41	6,690.82		6,693.23	Jan-20	17.67	20.08	6,673.15		
					Apr-20	17.54	19.95	6,673.28		
					Jul-20	18.44	20.85	6,672.38		
					Oct-20	18.06	20.47	6,672.76		
					Jan-21	17.85	20.26	6,672.97		
					Apr-21	18.04	20.45	6,672.78		
					Jul-21	18.79	21.20	6,672.03		
					Oct-21	18.66	21.07	6,672.16		
					Jan-22	18.60	21.01	6,672.22		
					Apr-22	18.43	20.84	6,672.39		
					Jul-22	18.83	21.24	6,671.99		
					Sep-22	18.78	21.19	6,672.04		
					Jan-23	18.51	20.92	6,672.31		
					Apr-23	17.77	20.18	6,673.05		
					Jul-23	18.61	21.02	6,672.21		
					Sep-23	18.34	20.75	6,672.48		
					Jan-24	18.59	21.00	6,672.23		
					Apr-24	19.09	21.50	6,671.73		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW02	Alluvial	2.79	13.5-33.5	34.0	6,689.20	6,691.99	Jul-14	18.38	21.17	6,670.82
							Oct-14	18.62	21.41	6,670.58
							Jan-15	18.34	21.13	6,670.86
							Mar-15	18.17	20.96	6,671.03
							Jul-15	18.57	21.36	6,670.63
							Oct-15	19.02	21.81	6,670.18
							Jan-16	18.68	21.47	6,670.52
							Apr-16	18.56	21.35	6,670.64
							Jul-16	18.98	21.77	6,670.22
							Oct-16	19.37	22.16	6,669.83
							Jan-17	18.98	21.77	6,670.22
							Apr-17	18.63	21.42	6,670.57
							Jul-17	19.03	21.82	6,670.17
							Oct-17	19.52	22.31	6,669.68
							Jan-18	19.24	22.03	6,669.96
							Apr-18	18.83	21.62	6,670.37
							Jul-18	19.61	22.40	6,669.59
							Oct-18	19.92	22.71	6,669.28
							Jan-19	19.17	21.96	6,670.03
							Apr-19	19.04	21.83	6,670.16
							Jul-19	19.13	21.92	6,670.07
							Sep-19	18.94	21.73	6,670.26
		2.84			6,689.73	6,692.57	Jan-20	19.26	22.10	6,670.47
							Apr-20	19.19	22.03	6,670.54
							Jul-20	20.06	22.90	6,669.67
							Oct-20	20.35	23.19	6,669.38
							Jan-21	20.00	22.84	6,669.73
							Apr-21	19.67	22.51	6,670.06
							Jul-21	20.60	23.44	6,669.13
							Oct-21	20.79	23.63	6,668.94
							Jan-22	20.27	23.11	6,669.46
							Apr-22	19.98	22.82	6,669.75
							Jul-22	20.76	23.60	6,668.97
							Sep-22	21.02	23.86	6,668.71
							Jan-23	20.21	23.05	6,669.52
							Apr-23	19.59	22.43	6,670.14
							Jul-23	20.08	22.92	6,669.65
							Sep-23	20.87	23.71	6,668.86
							Jan-24	20.32	23.16	6,669.41
							Apr-24	20.08	22.92	6,669.65

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW03	Alluvial	2.76	8.5-28.5	29.0	6,677.79	6,680.57	Jul-14	14.29	17.05	6,663.52
							Oct-14	14.39	17.15	6,663.42
							Jan-15	13.61	16.37	6,664.20
							Mar-15	13.33	16.09	6,664.48
							Jul-15	14.21	16.97	6,663.60
							Oct-15	14.33	17.09	6,663.48
							Jan-16	13.95	16.71	6,663.86
							Apr-16	13.73	16.49	6,664.08
							Jul-16	14.77	17.53	6,663.04
							Oct-16	15.12	17.88	6,662.69
							Jan-17	14.37	17.13	6,663.44
							Apr-17	13.97	16.73	6,663.84
							Jul-17	16.11	18.87	6,661.70
							Oct-17	15.21	17.97	6,662.60
							Jan-18	14.32	17.08	6,663.49
							Apr-18	13.87	16.63	6,663.94
							Jul-18	15.24	18.00	6,662.57
							Oct-18	15.59	18.35	6,662.22
							Jan-19	14.83	17.59	6,662.98
							Apr-19	14.55	17.31	6,663.26
							Jul-19	15.62	18.38	6,662.19
							Sep-19	16.15	18.91	6,661.66
		Jan-20			15.16	17.93	6,661.46			
		Apr-20			14.63	17.40	6,661.99			
		Jul-20			16.01	18.78	6,660.61			
		Oct-20			16.49	19.26	6,660.13			
		Jan-21			15.67	18.44	6,660.95			
		Apr-21			15.26	18.03	6,661.36			
		Jul-21			16.42	19.19	6,660.20			
		Oct-21			16.48	19.25	6,660.14			
		Jan-22			15.37	18.14	6,661.25			
		Apr-22			14.93	17.70	6,661.69			
		Jul-22			15.90	18.67	6,660.72			
		Sep-22			16.23	19.00	6,660.39			
		Jan-23			15.16	17.93	6,661.46			
		Apr-23			14.77	17.54	6,661.85			
		Jul-23			15.76	18.53	6,660.86			
		Sep-23			16.65	19.42	6,659.97			
	Jan-24	15.79			18.56	6,660.83				
	Apr-24	15.41			18.18	6,661.21				
	2.77				6,676.63	6,679.39				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW11	Alluvial	2.29	20-40	40.0	6,653.27	6,655.56	Nov-19	17.19	19.48	6,636.08
							Apr-20	15.86	18.15	6,637.41
							Jul-20	17.27	19.56	6,636.00
							Oct-20	17.90	20.19	6,635.37
							Jan-21	17.26	19.55	6,636.01
							Apr-21	16.73	19.02	6,636.54
							Jul-21	17.85	20.14	6,635.42
							Oct-21	18.11	20.40	6,635.16
							Jan-22	17.47	19.76	6,635.80
							Apr-22	17.00	19.29	6,636.27
							Jul-22	17.70	19.99	6,635.57
							Sep-22	17.92	20.21	6,635.35
							Jan-23	16.68	18.97	6,636.59
							Apr-23	15.83	18.12	6,637.44
							Jul-23	16.64	18.93	6,636.63
							Sep-23	17.54	19.83	6,635.73
BGMW12	Alluvial	2.81	12-32	32.0	6,692.40	6,695.21	Jan-24	16.99	19.28	6,636.28
							Apr-24	16.46	18.75	6,636.81
							Nov-19	17.58	20.39	6,674.82
							Apr-20	17.14	19.95	6,675.26
							Jul-20	18.94	21.75	6,673.46
							Oct-20	18.18	20.99	6,674.22
							Jan-21	17.83	20.64	6,674.57
							Apr-21	17.62	20.43	6,674.78
							Jul-21	18.51	21.32	6,673.89
							Oct-21	18.48	21.29	6,673.92
							Jan-22	18.15	20.96	6,674.25
							Apr-22	18.08	20.89	6,674.32
							Jul-22	18.52	21.33	6,673.88
							Sep-22	18.63	21.44	6,673.77
							Jan-23	18.10	20.91	6,674.30
							Apr-23	17.31	20.12	6,675.09
							Jul-23	17.90	20.71	6,674.50
							Sep-23	18.41	21.22	6,673.99
							Jan-24	18.08	20.89	6,674.32
							Apr-24	17.90	20.71	6,674.50

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW13S	Alluvial	2.92	49-69	69.0	6,659.05	6,661.97	Nov-19	18.88	21.80	6,640.17
							Apr-20	18.39	21.31	6,640.66
							Jul-20	18.97	21.89	6,640.08
							Oct-20	19.43	22.35	6,639.62
							Jan-21	19.36	22.28	6,639.69
							Apr-21	19.08	22.00	6,639.97
							Jul-21	19.53	22.45	6,639.52
							Oct-21	19.55	22.47	6,639.50
							Jan-22	19.32	22.24	6,639.73
							Apr-22	19.11	22.03	6,639.94
							Jul-22	19.34	22.26	6,639.71
							Sep-22	19.48	22.40	6,639.57
							Jan-23	18.78	21.70	6,640.27
							Apr-23	18.23	21.15	6,640.82
							Jul-23	18.30	21.22	6,640.75
							Sep-23	19.10	22.02	6,639.95
BGMW13D	Alluvial	2.75	84-104	104.0	6,659.08	6,661.83	Jan-24	19.05	21.97	6,640.00
							Apr-24	19.88	22.80	6,639.17
							Nov-19	18.05	20.80	6,641.03
							Apr-20	17.67	20.42	6,641.41
							Jul-20	18.14	20.89	6,640.94
							Oct-20	18.53	21.28	6,640.55
							Jan-21	18.58	21.33	6,640.50
							Apr-21	18.34	21.09	6,640.74
							Jul-21	18.68	21.43	6,640.40
							Oct-21	18.80	21.55	6,640.28
							Jan-22	18.50	21.25	6,640.58
							Apr-22	18.33	21.08	6,640.75
							Jul-22	19.70	22.45	6,639.38
							Sep-22	18.70	21.45	6,640.38
							Jan-23	18.04	20.79	6,641.04
							Apr-23	17.75	20.50	6,641.33
							Jul-23	17.76	20.51	6,641.32
							Sep-23	18.46	21.21	6,640.62
							Jan-24	18.30	21.05	6,640.78
							Apr-24	18.02	20.77	6,641.06

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
FW31	Alluvial	1.74	10.0-50.0	50.0	6,830.72	6,832.49	Jul-14	40.66	42.40	6,790.09
							Oct-14	40.75	42.49	6,790.00
							Jan-15	40.67	42.41	6,790.08
							Mar-15	40.65	42.39	6,790.10
							Jul-15	40.81	42.55	6,789.94
							Oct-15	40.92	42.66	6,789.83
							Jan-16	40.85	42.59	6,789.90
							Apr-16	40.91	42.65	6,789.84
							Jul-16	41.09	42.83	6,789.66
							Oct-16	41.18	42.92	6,789.57
							Jan-17	NM	NM	NM
							Apr-17	41.09	42.83	6,789.66
							Jul-17	41.26	43.00	6,789.49
							Oct-17	41.30	43.04	6,789.45
							Jan-18	41.36	43.10	6,789.39
							Apr-18	41.27	43.01	6,789.48
							Jul-18	41.35	43.09	6,789.40
							Oct-18	41.40	43.14	6,789.35
							Jan-19	41.39	43.13	6,789.36
							Apr-19	41.26	43.00	6,789.49
							Jul-19	41.52	43.26	6,789.23
							Sep-19	41.58	43.32	6,789.17
		1.74			6,830.96	6,832.70	Jan-20	41.64	43.38	6,789.32
							Apr-20	41.59	43.33	6,789.37
							Jul-20	41.80	43.54	6,789.16
							Oct-20	41.89	43.63	6,789.07
							Jan-21	45.97	47.71	6,784.99
							Apr-21	41.86	43.60	6,789.10
							Jul-21	42.02	43.76	6,788.94
							Oct-21	41.88	43.62	6,789.08
							Jan-22	41.94	43.68	6,789.02
							Apr-22	41.92	43.66	6,789.04
							Jul-22	41.97	43.71	6,788.99
							Sep-22	42.15	43.89	6,788.81
							Jan-23	42.02	43.76	6,788.94
							Apr-23	41.96	43.70	6,789.00
							Jul-23	42.22	43.96	6,788.74
							Sep-23	42.32	44.06	6,788.64
	Jan-24						42.26	44.00	6,788.70	
	Apr-24						42.20	43.94	6,788.76	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
FW35	Alluvial	2.18	10.0-30.0	30.0	6,709.17	6,711.11	Jul-14	26.77	28.95	6,682.16
							Oct-14	28.11	30.29	6,680.82
							Jan-15	27.67	29.85	6,681.26
							Mar-15	27.33	29.51	6,681.60
							Jul-15	28.81	30.99	6,680.12
							Oct-15	Dry	Dry	Dry
							Jan-16	Dry	Dry	Dry
							Apr-16	Dry	Dry	Dry
							Jul-16	Dry	Dry	Dry
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		2.18			6,709.13	6,711.31	Jan-20	Dry	Dry	Dry
							Apr-20	Dry	Dry	Dry
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Oct-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry
	Jan-24	Dry		Dry	Dry					
	Apr-24	Dry		Dry	Dry					

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW01	Alluvial	-0.09	33.6-53.6	55.0	6,686.03	6,685.94	Jul-14	42.65	42.56	6,643.38
							Oct-14	42.72	42.63	6,643.31
							Jan-15	42.63	42.54	6,643.40
							Mar-15	42.78	42.69	6,643.25
							Jul-15	42.72	42.63	6,643.31
							Oct-15	42.92	42.83	6,643.11
							Jan-16	42.86	42.77	6,643.17
							Apr-16	43.04	42.95	6,642.99
							Jul-16	43.08	42.99	6,642.95
							Oct-16	43.11	43.02	6,642.92
							Jan-17	43.28	43.19	6,642.75
							Apr-17	43.24	43.15	6,642.79
							Jul-17	43.37	43.28	6,642.66
							Oct-17	43.48	43.39	6,642.55
							Jan-18	43.53	43.44	6,642.50
							Apr-18	43.49	43.40	6,642.54
							Jul-18	43.46	43.37	6,642.57
							Oct-18	43.51	43.42	6,642.52
							Jan-19	43.70	43.61	6,642.33
							Apr-19	43.76	43.67	6,642.27
		Jul-19			43.79	43.70	6,642.24			
		Sep-19			43.74	43.65	6,642.29			
		-0.19			6,686.98	6,686.79	Jan-20	44.00	43.81	6,642.98
							Apr-20	43.96	43.77	6,643.02
							Jul-20	43.99	43.80	6,642.99
							Oct-20	44.07	43.88	6,642.91
							Jan-21	44.32	44.13	6,642.66
							Apr-21	44.17	43.98	6,642.81
							Jul-21	44.31	44.12	6,642.67
							Sep-21	42.80	42.61	6,644.18
							Jan-22	44.42	44.23	6,642.56
							Apr-22	44.55	44.36	6,642.43
	Jul-22						44.50	44.31	6,642.48	
	Sep-22						43.20	43.01	6,643.78	
	Jan-23						44.66	44.47	6,642.32	
	Apr-23						44.62	44.43	6,642.36	
	Jul-23						44.66	44.47	6,642.32	
	Sep-23						44.79	44.60	6,642.19	
	Jan-24						44.87	44.68	6,642.11	
	Apr-24						44.83	44.64	6,642.15	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)			
MW02	Alluvial	-0.56	37.0-47.0	48.0	6,685.78	6,685.22	Jul-14	40.89	40.33	6,644.89			
							Oct-14	41.07	40.51	6,644.71			
							Jan-15	41.27	40.71	6,644.51			
							Mar-15	41.32	40.76	6,644.46			
							Jul-15	41.37	40.81	6,644.41			
							Oct-15	41.51	40.95	6,644.27			
							Jan-16	41.53	40.97	6,644.25			
							Apr-16	41.71	41.15	6,644.07			
							Jul-16	41.71	41.15	6,644.07			
							Oct-16	41.83	41.27	6,643.95			
							Jan-17	41.98	41.42	6,643.80			
							Apr-17	42.00	41.44	6,643.78			
							Jul-17	42.12	41.56	6,643.66			
							Oct-17	42.25	41.69	6,643.53			
							Jan-18	42.29	41.73	6,643.49			
							Apr-18	42.32	41.76	6,643.46			
							Jul-18	42.39	41.83	6,643.39			
							Oct-18	42.35	41.79	6,643.43			
							Jan-19	42.60	42.04	6,643.18			
							Apr-19	42.62	42.06	6,643.16			
							Jul-19	42.64	42.08	6,643.14			
							Sep-19	42.59	42.03	6,643.19			
							-0.46	6,685.60	6,685.13	Jan-20	42.65	42.19	6,642.94
										Apr-20	44.30	43.84	6,641.29
										Jul-20	42.73	42.27	6,642.86
										Oct-20	42.79	42.33	6,642.80
										Jan-21	42.99	42.53	6,642.60
										Apr-21	42.89	42.43	6,642.70
										Jul-21	43.02	42.56	6,642.57
										Sep-21	44.69	44.23	6,640.90
										Jan-22	43.16	42.70	6,642.43
										Apr-22	43.27	42.81	6,642.32
	Jul-22	43.15	42.69	6,642.44									
	Sep-22	43.22	42.76	6,642.37									
	Jan-23	43.30	42.84	6,642.29									
	Apr-23	43.23	42.77	6,642.36									
	Jul-23	43.38	42.92	6,642.21									
	Sep-23	43.43	42.97	6,642.16									
	Jan-24	43.57	43.11	6,642.02									
	Apr-24	43.54	43.08	6,642.05									

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW03	Alluvial	2.03	43.0-53.0	53.0	6,687.50	6,689.53	Jul-14	44.33	46.36	6,643.17
							Oct-14	44.32	46.35	6,643.18
							Jan-15	44.27	46.30	6,643.23
							Mar-15	44.39	46.42	6,643.11
							Jul-15	44.40	46.43	6,643.10
							Oct-15	44.48	46.51	6,643.02
							Jan-16	44.39	46.42	6,643.11
							Apr-16	44.62	46.65	6,642.88
							Jul-16	44.60	46.63	6,642.90
							Oct-16	44.84	46.87	6,642.66
							Jan-17	44.64	46.67	6,642.86
							Apr-17	44.70	46.73	6,642.80
							Jul-17	44.89	46.92	6,642.61
							Oct-17	45.07	47.10	6,642.43
							Jan-18	44.93	46.96	6,642.57
							Apr-18	44.96	46.99	6,642.54
							Jul-18	44.95	46.98	6,642.55
							Oct-18	44.81	46.84	6,642.69
							Jan-19	45.04	47.07	6,642.46
							Apr-19	45.22	47.25	6,642.28
							Jul-19	45.18	47.21	6,642.32
							Sep-19	44.99	47.02	6,642.51
		2.45			6,687.81	6,690.26	Jan-20	44.81	47.26	6,643.00
							Apr-20	44.84	47.29	6,642.97
							Jul-20	44.80	47.25	6,643.01
							Oct-20	44.95	47.40	6,642.86
							Jan-21	45.11	47.56	6,642.70
							Apr-21	44.99	47.44	6,642.82
							Jul-21	45.17	47.62	6,642.64
							Sep-21	45.19	47.64	6,642.62
							Jan-22	45.38	47.83	6,642.43
							Apr-22	45.49	47.94	6,642.32
							Jul-22	45.32	47.77	6,642.49
							Sep-22	45.32	47.77	6,642.49
							Jan-23	45.42	47.87	6,642.39
							Apr-23	45.19	47.64	6,642.62
							Jul-23	45.46	47.91	6,642.35
							Sep-23	45.53	47.98	6,642.28
	Jan-24			45.73			48.18	6,642.08		
	Apr-24			45.71			48.16	6,642.10		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW18D	Alluvial	1.81	47.0-57.0	59.9	6,684.94	6,686.32	Jul-14	41.67	43.48	6,642.84
							Oct-14	41.74	43.55	6,642.77
							Jan-15	41.60	43.41	6,642.91
							Mar-15	41.80	43.61	6,642.71
							Jul-15	41.69	43.50	6,642.82
							Oct-15	41.90	43.71	6,642.61
							Jan-16	41.84	43.65	6,642.67
							Apr-16	42.07	43.88	6,642.44
							Jul-16	42.08	43.89	6,642.43
							Oct-16	42.23	44.04	6,642.28
							Jan-17	42.21	44.02	6,642.30
							Apr-17	42.26	44.07	6,642.25
							Jul-17	42.39	44.20	6,642.12
							Oct-17	42.62	44.43	6,641.89
							Jan-18	42.51	44.32	6,642.00
							Apr-18	42.58	44.39	6,641.93
							Jul-18	42.63	44.44	6,641.88
							Oct-18	42.47	44.28	6,642.04
							Jan-19	42.67	44.48	6,641.84
							Apr-19	42.89	44.70	6,641.62
							Jul-19	42.94	44.75	6,641.57
							Sep-19	42.80	44.61	6,641.71
		Jan-20			43.00	44.81	6,642.30			
		Apr-20			44.12	45.93	6,641.18			
		Jul-20			43.10	44.91	6,642.20			
		Oct-20			43.19	45.00	6,642.11			
		Jan-21			43.46	45.27	6,641.84			
		Apr-21			43.24	45.05	6,642.06			
		Jul-21			43.47	45.28	6,641.83			
		Sep-21			43.60	45.41	6,641.70			
		Jan-22			43.58	45.39	6,641.72			
		Apr-22			43.82	45.63	6,641.48			
		Jul-22			43.49	45.30	6,641.81			
		Sep-22			43.60	45.41	6,641.70			
		Jan-23			43.88	45.69	6,641.42			
		Apr-23			43.52	45.33	6,641.78			
		Jul-23			44.79	46.60	6,640.51			
		Sep-23			43.92	45.73	6,641.38			
	Jan-24	44.12			45.93	6,641.18				
	Apr-24	43.87			45.68	6,641.43				
		1.81			6,685.30	6,687.11				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW18S	Alluvial	2.05	27.0-37.0	39.0	6,684.67	6,686.61	Jul-14	Dry	Dry	Dry
							Oct-14	Dry	Dry	Dry
							Jan-15	Dry	Dry	Dry
							Mar-15	Dry	Dry	Dry
							Jul-15	Dry	Dry	Dry
							Oct-15	Dry	Dry	Dry
							Jan-16	Dry	Dry	Dry
							Apr-16	Dry	Dry	Dry
							Jul-16	Dry	Dry	Dry
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		1.96		6,685.30	6,687.26	Jan-20	Dry	Dry	Dry	
						Apr-20	Dry	Dry	Dry	
						Jul-20	Dry	Dry	Dry	
						Oct-20	Dry	Dry	Dry	
						Jan-21	Dry	Dry	Dry	
						Apr-21	Dry	Dry	Dry	
						Jul-21	Dry	Dry	Dry	
						Sep-21	Dry	Dry	Dry	
						Jan-22	Dry	Dry	Dry	
						Apr-22	Dry	Dry	Dry	
						Jul-22	Dry	Dry	Dry	
						Sep-22	Dry	Dry	Dry	
						Jan-23	Dry	Dry	Dry	
						Apr-23	Dry	Dry	Dry	
						Jul-23	Dry	Dry	Dry	
						Sep-23	Dry	Dry	Dry	
						Jan-24	Dry	Dry	Dry	
						Apr-24	Dry	Dry	Dry	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW20	Alluvial	2.33	47.0-57.0	59.4	6,685.34	6,687.67	Jul-14	43.00	45.33	6,642.34
							Oct-14	43.12	45.45	6,642.22
							Jan-15	42.99	45.32	6,642.35
							Mar-15	43.09	45.42	6,642.25
							Jul-15	43.05	45.38	6,642.29
							Oct-15	43.23	45.56	6,642.11
							Jan-16	43.19	45.52	6,642.15
							Apr-16	43.28	45.61	6,642.06
							Jul-16	43.36	45.69	6,641.98
							Oct-16	43.49	45.82	6,641.85
							Jan-17	43.60	45.93	6,641.74
							Apr-17	43.49	45.82	6,641.85
							Jul-17	43.62	45.95	6,641.72
							Oct-17	43.83	46.16	6,641.51
							Jan-18	43.82	46.15	6,641.52
							Apr-18	43.77	46.10	6,641.57
							Jul-18	43.93	46.26	6,641.41
							Oct-18	43.92	46.25	6,641.42
							Jan-19	43.95	46.28	6,641.39
							Apr-19	44.05	46.38	6,641.29
		Jul-19			44.14	46.47	6,641.20			
		Sep-19			44.17	46.50	6,641.17			
		2.51			6,685.84	6,688.35	Jan-20	44.07	46.58	6,641.77
							Apr-20	43.83	46.34	6,642.01
							Jul-20	44.23	46.74	6,641.61
							Oct-20	44.27	46.78	6,641.57
							Jan-21	44.53	47.04	6,641.31
							Apr-21	44.28	46.79	6,641.56
							Jul-21	44.54	47.05	6,641.30
							Sep-21	44.69	47.20	6,641.15
							Jan-22	44.68	47.19	6,641.16
							Apr-22	44.72	47.23	6,641.12
	Jul-22						44.74	47.25	6,641.10	
	Sep-22						44.71	47.22	6,641.13	
	Jan-23						44.83	47.34	6,641.01	
	Apr-23						44.77	47.28	6,641.07	
	Jul-23						45.10	47.61	6,640.74	
	Sep-23						44.99	47.50	6,640.85	
	Jan-24						45.06	47.57	6,640.78	
	Apr-24						45.00	47.51	6,640.84	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW22D	Alluvial	1.86	47.0-57.0	58.6	6,682.69	6,684.55	Jul-14	40.41	42.27	6,642.28
							Oct-14	40.55	42.41	6,642.14
							Jan-15	40.39	42.25	6,642.30
							Mar-15	40.45	42.31	6,642.24
							Jul-15	40.47	42.33	6,642.22
							Oct-15	40.71	42.57	6,641.98
							Jan-16	40.66	42.52	6,642.03
							Apr-16	40.81	42.67	6,641.88
							Jul-16	40.88	42.74	6,641.81
							Oct-16	41.06	42.92	6,641.63
							Jan-17	41.07	42.93	6,641.62
							Apr-17	41.06	42.92	6,641.63
							Jul-17	41.20	43.06	6,641.49
							Oct-17	41.45	43.31	6,641.24
							Jan-18	41.54	43.40	6,641.15
							Apr-18	41.33	43.19	6,641.36
							Jul-18	41.55	43.41	6,641.14
							Oct-18	41.69	43.55	6,641.00
							Jan-19	41.55	43.41	6,641.14
							Apr-19	41.61	43.47	6,641.08
							Jul-19	41.78	43.64	6,640.91
							Sep-19	41.78	43.64	6,640.91
		2.06			6,683.28	6,685.34	Jan-20	41.71	43.77	6,641.57
							Apr-20	41.67	43.73	6,641.61
							Jul-20	41.80	43.86	6,641.48
							Oct-20	41.91	43.97	6,641.37
							Jan-21	42.17	44.23	6,641.11
							Apr-21	41.91	43.97	6,641.37
							Jul-21	42.20	44.26	6,641.08
							Sep-21	43.65	45.71	6,639.63
							Jan-22	42.37	44.43	6,640.91
							Apr-22	42.36	44.42	6,640.92
							Jul-22	42.42	44.48	6,640.86
							Sep-22	42.50	44.56	6,640.78
							Jan-23	42.50	44.56	6,640.78
							Apr-23	42.38	44.44	6,640.90
							Jul-23	42.53	44.59	6,640.75
							Sep-23	42.71	44.77	6,640.57
	Jan-24						42.79	44.85	6,640.49	
	Apr-24						42.61	44.67	6,640.67	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW22S	Alluvial	2.00	31.0-41.0	43.5	6,682.69	6,684.69	Jul-14	40.17	42.17	6,642.52
							Oct-14	40.27	42.27	6,642.42
							Jan-15	40.18	42.18	6,642.51
							Mar-15	40.37	42.37	6,642.32
							Jul-15	40.29	42.29	6,642.40
							Oct-15	40.53	42.53	6,642.16
							Jan-16	40.47	42.47	6,642.22
							Apr-16	40.61	42.61	6,642.08
							Jul-16	40.70	42.70	6,641.99
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		2.05			6,683.28	6,685.33	Jan-20	Dry	Dry	Dry
							Apr-20	Dry	Dry	Dry
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry
							Jan-24	Dry	Dry	Dry
							Apr-24	Dry	Dry	Dry

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW23	Alluvial	2.04	63.5-133.5	134.0	6,652.46	6,654.50	Jul-14	13.16	15.20	6,639.30
							Oct-14	13.49	15.53	6,638.97
							Jan-15	13.22	15.26	6,639.24
							Mar-15	12.71	14.75	6,639.75
							Jul-15	12.64	14.68	6,639.82
							Oct-15	13.08	15.12	6,639.38
							Jan-16	12.94	14.98	6,639.52
							Apr-16	13.32	15.36	6,639.14
							Jul-16	13.00	15.04	6,639.46
							Oct-16	13.59	15.63	6,638.87
							Jan-17	13.33	15.37	6,639.13
							Apr-17	12.72	14.76	6,639.74
							Jul-17	12.96	15.00	6,639.50
							Oct-17	13.36	15.40	6,639.10
							Jan-18	13.35	15.39	6,639.11
							Apr-18	13.47	15.51	6,638.99
							Jul-18	13.90	15.94	6,638.56
							Oct-18	13.98	16.02	6,638.48
							Jan-19	13.99	16.03	6,638.47
							Apr-19	13.10	15.14	6,639.36
		Jul-19			13.71	15.75	6,638.75			
		Sep-19			13.99	16.03	6,638.47			
		Jan-20			14.05	16.15	6,638.94			
		Apr-20			16.02	18.12	6,636.97			
		Jul-20			14.41	16.51	6,638.58			
		Oct-20			14.90	17.00	6,638.09			
		Jan-21			15.16	17.26	6,637.83			
		Apr-21			15.06	17.16	6,637.93			
		Jul-21			15.48	17.58	6,637.51			
		Oct-21			15.10	17.20	6,637.89			
		Jan-22			14.68	16.78	6,638.31			
		Apr-22			14.35	16.45	6,638.64			
	Jul-22	14.61		16.71	6,638.38					
	Sep-22	14.14		16.24	6,638.85					
	Jan-23	13.05		15.15	6,639.94					
	Apr-23	12.47		14.57	6,640.52					
	Jul-23	12.93		15.03	6,640.06					
	Sep-23	13.81		15.91	6,639.18					
	Jan-24	13.95		16.05	6,639.04					
	Apr-24	13.31		15.41	6,639.68					
	2.10				6,652.99	6,655.09				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW24	Alluvial	1.99	16.0-66.0	66.5	6,655.09	6,657.08	Jul-14	17.87	19.86	6,637.22
							Oct-14	18.32	20.31	6,636.77
							Jan-15	17.72	19.71	6,637.37
							Mar-15	17.31	19.30	6,637.78
							Jul-15	17.50	19.49	6,637.59
							Oct-15	19.54	21.53	6,635.55
							Jan-16	17.63	19.62	6,637.46
							Apr-16	17.95	19.94	6,637.14
							Jul-16	17.79	19.78	6,637.30
							Oct-16	18.64	20.63	6,636.45
							Jan-17	17.85	19.84	6,637.24
							Apr-17	17.30	19.29	6,637.79
							Jul-17	17.82	19.81	6,637.27
							Oct-17	18.76	20.75	6,636.33
							Jan-18	16.57	18.56	6,638.52
							Apr-18	17.98	19.97	6,637.11
		Jul-18			18.61	20.60	6,636.48			
		Oct-18			18.93	20.92	6,636.16			
		Jan-19			18.66	20.65	6,636.43			
		Apr-19			18.06	20.05	6,637.03			
		Jul-19			18.43	20.42	6,636.66			
		Sep-19			17.17	19.16	6,637.92			
		Jan-20			18.10	19.95	6,637.62			
		Apr-20			18.14	19.99	6,637.58			
		Jul-20			19.49	21.34	6,636.23			
		Oct-20			19.30	21.15	6,636.42			
		Jan-21			19.75	21.60	6,635.97			
		Apr-21			19.35	21.20	6,636.37			
		Jul-21			20.06	21.91	6,635.66			
		Oct-21			20.14	21.99	6,635.58			
		Jan-22			20.12	21.97	6,635.60			
		Apr-22			19.30	21.15	6,636.42			
	Jul-22	19.80	21.65	6,635.92						
	Sep-22	19.85	21.70	6,635.87						
	Jan-23	18.77	20.62	6,636.95						
	Apr-23	17.30	19.15	6,638.42						
	Jul-23	17.99	19.84	6,637.73						
	Sep-23	19.46	21.31	6,636.26						
	Jan-24	19.22	21.07	6,636.50						
	Apr-24	18.88	20.73	6,636.84						
		1.85			6,655.72	6,657.57				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW25	Alluvial	2.87	45.5-65.5	65.5	6,676.18	6,679.05	Nov-19	38.90	41.77	6,637.28
							Apr-20	38.45	41.32	6,637.73
							Jul-20	38.81	41.68	6,637.37
							Oct-20	39.05	41.92	6,637.13
							Jan-21	38.99	41.86	6,637.19
							Apr-21	38.65	41.52	6,637.53
							Jul-21	39.14	42.01	6,637.04
							Oct-21	39.32	42.19	6,636.86
							Jan-22	39.16	42.03	6,637.02
							Apr-22	39.09	41.96	6,637.09
							Jul-22	39.17	42.04	6,637.01
							Sep-22	39.32	42.19	6,636.86
							Jan-23	39.22	42.09	6,636.96
							Apr-23	38.83	41.70	6,637.35
							Jul-23	39.19	42.06	6,636.99
							Sep-23	39.49	42.36	6,636.69
MW26	Alluvial	2.97	40-60	60.0	6,670.96	6,673.93	Jan-24	39.43	42.30	6,636.75
							Apr-24	39.18	42.05	6,637.00
							Nov-19	35.73	38.70	6,635.23
							Apr-20	27.36	30.33	6,643.60
							Jul-20	35.55	38.52	6,635.41
							Oct-20	35.76	38.73	6,635.20
							Jan-21	35.87	38.84	6,635.09
							Apr-21	35.59	38.56	6,635.37
							Jul-21	35.87	38.84	6,635.09
							Oct-21	35.95	38.92	6,635.01
							Jan-22	36.04	39.01	6,634.92
							Apr-22	35.64	38.61	6,635.32
							Jul-22	35.85	38.82	6,635.11
							Sep-22	36.02	38.99	6,634.94
							Jan-23	35.93	38.90	6,635.03
							Apr-23	35.51	38.48	6,635.45
							Jul-23	35.81	38.78	6,635.15
							Sep-23	36.09	39.06	6,634.87
							Jan-24	36.07	39.04	6,634.89
							Apr-24	35.89	38.86	6,635.07

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW27	Alluvial	2.46	43-63	63.0	6,690.94	6,693.40	Nov-19	42.68	45.14	6,648.26
							Apr-20	47.94	50.40	6,643.00
							Jul-20	48.02	50.48	6,642.92
							Oct-20	48.07	50.53	6,642.87
							Jan-21	55.04	57.50	6,635.90
							Apr-21	48.17	50.63	6,642.77
							Jul-21	48.34	50.80	6,642.60
							Sep-21	48.40	50.86	6,642.54
							Jan-22	48.46	50.92	6,642.48
							Apr-22	48.50	50.96	6,642.44
							Jul-22	48.49	50.95	6,642.45
							Sep-22	48.51	50.97	6,642.43
							Jan-23	48.59	51.05	6,642.35
							Apr-23	48.58	51.04	6,642.36
							Jul-23	48.78	51.24	6,642.16
							Sep-23	48.74	51.20	6,642.20
MW28	Alluvial	2.66	40-60	60.0	6,689.51	6,692.17	Jan-24	48.81	51.27	6,642.13
							Apr-24	48.83	51.29	6,642.11
							Nov-19	46.11	48.77	6,643.40
							Apr-20	46.28	48.94	6,643.23
							Jul-20	46.32	48.98	6,643.19
							Oct-20	46.37	49.03	6,643.14
							Jan-21	46.57	49.23	6,642.94
							Apr-21	46.45	49.11	6,643.06
							Jul-21	46.57	49.23	6,642.94
							Sep-21	46.66	49.32	6,642.85
							Jan-22	46.70	49.36	6,642.81
							Apr-22	46.83	49.49	6,642.68
							Jul-22	46.77	49.43	6,642.74
							Sep-22	46.78	49.44	6,642.73
							Jan-23	46.88	49.54	6,642.63
							Apr-23	46.85	49.51	6,642.66
							Jul-23	46.96	49.62	6,642.55
							Sep-23	47.01	49.67	6,642.50
							Jan-24	47.05	49.71	6,642.46
							Apr-24	47.13	49.79	6,642.38

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW29	Alluvial	2.65	37-57	57.0	6,684.49	6,687.14	Nov-19	41.47	44.12	6,643.02
							Apr-20	41.58	44.23	6,642.91
							Jul-20	41.70	44.35	6,642.79
							Oct-20	41.77	44.42	6,642.72
							Jan-21	41.94	44.59	6,642.55
							Apr-21	41.91	44.56	6,642.58
							Jul-21	42.24	44.89	6,642.25
							Sep-21	44.91	47.56	6,639.58
							Jan-22	42.21	44.86	6,642.28
							Apr-22	42.24	44.89	6,642.25
							Jul-22	42.28	44.93	6,642.21
							Sep-22	42.32	44.97	6,642.17
							Jan-23	42.38	45.03	6,642.11
							Apr-23	42.35	45.00	6,642.14
							Jul-23	42.48	45.13	6,642.01
							Sep-23	42.55	45.20	6,641.94
MW30	Alluvial	2.75	40-60	60.0	6,686.83	6,689.57	Jan-24	42.64	45.29	6,641.85
							Apr-24	42.66	45.31	6,641.83
							Nov-19	43.67	46.42	6,643.15
							Apr-20	43.82	46.57	6,643.00
							Jul-20	44.16	46.91	6,642.66
							Oct-20	43.96	46.71	6,642.86
							Jan-21	44.26	47.01	6,642.56
							Apr-21	43.99	46.74	6,642.83
							Jul-21	44.29	47.04	6,642.53
							Sep-21	44.27	47.02	6,642.55
							Jan-22	44.57	47.32	6,642.25
							Apr-22	44.57	47.32	6,642.25
							Jul-22	44.42	47.17	6,642.40
							Sep-22	44.42	47.17	6,642.40
							Jan-23	44.46	47.21	6,642.36
							Apr-23	44.25	47.00	6,642.57
							Jul-23	44.56	47.31	6,642.26
							Sep-23	44.50	47.25	6,642.32
							Jan-24	44.70	47.45	6,642.12
							Apr-24	44.56	47.31	6,642.26

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW31	Alluvial	2.68	36-56	56.0	6,681.76	6,684.45	Nov-19	40.50	43.18	6,641.27
							Apr-20	40.39	43.07	6,641.38
							Jul-20	40.64	43.32	6,641.13
							Oct-20	40.76	43.44	6,641.01
							Jan-21	40.98	43.66	6,640.79
							Apr-21	40.69	43.37	6,641.08
							Jul-21	41.00	43.68	6,640.77
							Sep-21	41.16	43.84	6,640.61
							Jan-22	41.15	43.83	6,640.62
							Apr-22	41.19	43.87	6,640.58
							Jul-22	41.22	43.90	6,640.55
							Sep-22	41.30	43.98	6,640.47
							Jan-23	41.31	43.99	6,640.46
							Apr-23	41.05	43.73	6,640.72
							Jul-23	41.45	44.13	6,640.32
							Sep-23	41.51	44.19	6,640.26
MW32	Alluvial	2.54	40-60	60.0	6,684.84	6,687.37	Jan-24	41.60	44.28	6,640.17
							Apr-24	41.43	44.11	6,640.34
							Nov-19	44.03	46.57	6,640.80
							Apr-20	43.73	46.27	6,641.10
							Jul-20	44.99	47.53	6,639.84
							Oct-20	44.13	46.67	6,640.70
							Jan-21	44.30	46.84	6,640.53
							Apr-21	44.02	46.56	6,640.81
							Jul-21	44.34	46.88	6,640.49
							Sep-21	44.51	47.05	6,640.32
							Jan-22	44.42	46.96	6,640.41
							Apr-22	44.41	46.95	6,640.42
							Jul-22	44.52	47.06	6,640.31
							Sep-22	44.49	47.03	6,640.34
							Jan-23	44.55	47.09	6,640.28
							Apr-23	44.36	46.90	6,640.47
							Jul-23	44.63	47.17	6,640.20
							Sep-23	44.76	47.30	6,640.07
							Jan-24	44.80	47.34	6,640.03
							Apr-24	44.70	47.24	6,640.13

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW33	Alluvial	3.01	37-57	57.0	6,675.98	6,679.00	Nov-19	42.16	45.17	6,633.83
							Apr-20	41.64	44.65	6,634.35
							Jul-20	41.78	44.79	6,634.21
							Oct-20	42.01	45.02	6,633.98
							Jan-21	42.21	45.22	6,633.78
							Apr-21	41.96	44.97	6,634.03
							Jul-21	42.26	45.27	6,633.73
							Oct-21	42.34	45.35	6,633.65
							Jan-22	42.57	45.58	6,633.42
							Apr-22	42.46	45.47	6,633.53
							Jul-22	42.40	45.41	6,633.59
							Sep-22	42.50	45.51	6,633.49
							Jan-23	42.46	45.47	6,633.53
							Apr-23	42.13	45.14	6,633.86
							Jul-23	42.45	45.46	6,633.54
							Sep-23	42.81	45.82	6,633.18
MW34	Alluvial	2.88	40-60	60.0	6,672.91	6,675.80	Jan-24	42.64	45.65	6,633.35
							Apr-24	42.80	45.81	6,633.19
							Nov-19	40.83	43.71	6,632.09
							Apr-20	40.33	43.21	6,632.59
							Jul-20	40.35	43.23	6,632.57
							Oct-20	40.73	43.61	6,632.19
							Jan-21	40.72	43.60	6,632.20
							Apr-21	40.72	43.60	6,632.20
							Jul-21	40.81	43.69	6,632.11
							Oct-21	40.67	43.55	6,632.25
							Jan-22	40.99	43.87	6,631.93
							Apr-22	40.94	43.82	6,631.98
							Jul-22	40.59	43.47	6,632.33
							Sep-22	40.99	43.87	6,631.93
							Jan-23	40.73	43.61	6,632.19
							Apr-23	40.35	43.23	6,632.57
							Jul-23	40.49	43.37	6,632.43
							Sep-23	40.74	43.62	6,632.18
							Jan-24	40.70	43.58	6,632.22
							Apr-24	40.89	43.77	6,632.03

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW35	Alluvial	2.42	41-61	61.0	6,708.96	6,711.38	Nov-19	20.87	23.29	6,688.09
							Apr-20	30.67	33.09	6,678.29
							Jul-20	31.17	33.59	6,677.79
							Oct-20	31.57	33.99	6,677.39
							Jan-21	31.83	34.25	6,677.13
							Apr-21	31.79	34.21	6,677.17
							Jul-21	32.38	34.80	6,676.58
							Sep-21	32.63	35.05	6,676.33
							Jan-22	32.69	35.11	6,676.27
							Apr-22	32.58	35.00	6,676.38
							Jul-22	32.92	35.34	6,676.04
							Sep-22	33.21	35.63	6,675.75
							Jan-23	32.89	35.31	6,676.07
							Apr-23	32.70	35.12	6,676.26
							Jul-23	33.06	35.48	6,675.90
							Sep-23	33.61	36.03	6,675.35
MW36S	Alluvial	2.77	30-50	50.0	6,653.54	6,656.31	Jan-24	33.80	36.22	6,675.16
							Apr-24	33.74	36.16	6,675.22
							Nov-19	19.18	21.95	6,634.36
							Apr-20	18.97	21.74	6,634.57
							Jul-20	19.33	22.10	6,634.21
							Oct-20	19.87	22.64	6,633.67
							Jan-21	20.09	22.86	6,633.45
							Apr-21	19.69	22.46	6,633.85
							Jul-21	20.01	22.78	6,633.53
							Oct-21	20.19	22.96	6,633.35
							Jan-22	20.41	23.18	6,633.13
							Apr-22	19.89	22.66	6,633.65
							Jul-22	19.78	22.55	6,633.76
							Sep-22	20.18	22.95	6,633.36
							Jan-23	19.34	22.11	6,634.20
							Apr-23	18.71	21.48	6,634.83
							Jul-23	18.85	21.62	6,634.69
							Sep-23	19.27	22.04	6,634.27
							Jan-24	19.45	22.22	6,634.09
							Apr-24	19.16	21.93	6,634.38

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW36D	Alluvial	2.75	55-75	75.0	6,653.48	6,656.23	Nov-19	14.40	17.15	6,639.08
							Apr-20	14.14	16.89	6,639.34
							Jul-20	14.70	17.45	6,638.78
							Oct-20	15.16	17.91	6,638.32
							Jan-21	15.16	17.91	6,638.32
							Apr-21	15.03	17.78	6,638.45
							Jul-21	15.73	18.48	6,637.75
							Oct-21	15.50	18.25	6,637.98
							Jan-22	14.99	17.74	6,638.49
							Apr-22	14.62	17.37	6,638.86
							Jul-22	14.84	17.59	6,638.64
							Sep-22	14.65	17.40	6,638.83
							Jan-23	13.74	16.49	6,639.74
							Apr-23	13.41	16.16	6,640.07
							Jul-23	13.47	16.22	6,640.01
							Sep-23	14.21	16.96	6,639.27
MW37	Alluvial	2.68	25-45	45.0	6,663.34	6,666.02	Jan-24	14.20	16.95	6,639.28
							Apr-24	13.78	16.53	6,639.70
							Jan-21	27.71	30.39	6,635.63
							Apr-21	27.41	30.09	6,635.93
							Jul-21	27.81	30.49	6,635.53
							Oct-21	27.96	30.64	6,635.38
							Jan-22	28.00	30.68	6,635.34
							Apr-22	27.76	30.44	6,635.58
							Jul-22	27.83	30.51	6,635.51
							Sep-22	28.17	30.85	6,635.17
							Jan-23	27.87	30.55	6,635.47
							Apr-23	27.32	30.00	6,636.02
MW38	Alluvial	2.43	30-50	50.0	6,665.48	6,667.91	Jul-23	27.71	30.39	6,635.63
							Sep-23	28.03	30.71	6,635.31
							Jan-24	27.98	30.66	6,635.36
							Apr-24	27.74	30.42	6,635.60
							Jan-21	32.09	34.52	6,633.39
							Apr-21	31.80	34.23	6,633.68
							Jul-21	32.28	34.71	6,633.20
							Oct-21	32.44	34.87	6,633.04
							Jan-22	32.33	34.76	6,633.15
							Apr-22	32.05	34.48	6,633.43
							Jul-22	32.36	34.79	6,633.12
							Sep-22	32.53	34.96	6,632.95
							Jan-23	32.35	34.78	6,633.13
							Apr-23	31.94	34.37	6,633.54
							Jul-23	32.31	34.74	6,633.17
							Sep-23	32.72	35.15	6,632.76
							Jan-24	32.53	34.96	6,632.95
							Apr-24	32.28	34.71	6,633.20

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)	
MW39	Alluvial	2.60	30-50	50.0	6,670.64	6,673.24	Jan-21	35.46	38.06	6,635.18	
							Apr-21	35.25	37.85	6,635.39	
							Jul-21	35.67	38.27	6,634.97	
							Oct-21	35.85	38.45	6,634.79	
							Jan-22	35.75	38.35	6,634.89	
							Apr-22	35.54	38.14	6,635.10	
							Jul-22	35.83	38.43	6,634.81	
							Sep-22	35.92	38.52	6,634.72	
							Jan-23	35.75	38.35	6,634.89	
							Apr-23	35.45	38.05	6,635.19	
							Jul-23	35.75	38.35	6,634.89	
							Sep-23	35.96	38.56	6,634.68	
Jan-24	35.80	38.40	6,634.84								
Apr-24	35.59	38.19	6,635.05								
SMW01	Alluvial	1.53	29.9-49.9	50.2	6,668.41	6,669.94	Jul-14	29.32	30.85	6,639.09	
							Oct-14	29.56	31.09	6,638.85	
							Jan-15	29.19	30.72	6,639.22	
							Mar-15	29.27	30.80	6,639.14	
							Jul-15	29.66	31.19	6,638.75	
							Oct-15	29.92	31.45	6,638.49	
							Jan-16	29.67	31.20	6,638.74	
							Apr-16	29.88	31.41	6,638.53	
							Jul-16	30.30	31.83	6,638.11	
							Oct-16	30.58	32.11	6,637.83	
							Jan-17	30.34	31.87	6,638.07	
							Apr-17	31.27	32.80	6,637.14	
							Jul-17	30.77	32.30	6,637.64	
							Oct-17	31.17	32.70	6,637.24	
							Jan-18	30.84	32.37	6,637.57	
							Apr-18	30.66	32.19	6,637.75	
							Jul-18	31.25	32.78	6,637.16	
							Oct-18	31.29	32.82	6,637.12	
							Jan-19	31.32	32.85	6,637.09	
							Apr-19	31.26	32.79	6,637.15	
							Jul-19	31.36	32.89	6,637.05	
							Sep-19	30.97	32.50	6,637.44	
							Jan-20	31.66	33.03	6,637.02	
							Apr-20	31.38	32.75	6,637.30	
							Jul-20	31.49	32.86	6,637.19	
							Oct-20	31.94	33.31	6,636.74	
							Jan-21	32.35	33.72	6,636.33	
							Apr-21	31.58	32.95	6,637.10	
							Jul-21	32.75	34.12	6,635.93	
							Oct-21	32.90	34.27	6,635.78	
							Jan-22	32.75	34.12	6,635.93	
							Apr-22	32.71	34.08	6,635.97	
							Jul-22	32.83	34.20	6,635.85	
							Sep-22	32.71	34.08	6,635.97	
							Jan-23	32.92	34.29	6,635.76	
							Apr-23	32.51	33.88	6,636.17	
	Jul-23	32.52	33.89	6,636.16							
	Sep-23	31.76	33.13	6,636.92							
	Jan-24	31.76	33.13	6,636.92							
	Apr-24	NM	NM	NM							
		1.37				6,668.68	6,670.05	Jan-20	31.66	33.03	6,637.02
	Apr-20							31.38	32.75	6,637.30	
Jul-20	31.49							32.86	6,637.19		
Oct-20	31.94							33.31	6,636.74		
Jan-21	32.35							33.72	6,636.33		
Apr-21	31.58							32.95	6,637.10		
Jul-21	32.75	34.12	6,635.93								
Oct-21	32.90	34.27	6,635.78								
Jan-22	32.75	34.12	6,635.93								
Apr-22	32.71	34.08	6,635.97								
Jul-22	32.83	34.20	6,635.85								
Sep-22	32.71	34.08	6,635.97								
Jan-23	32.92	34.29	6,635.76								
Apr-23	32.51	33.88	6,636.17								
Jul-23	32.52	33.89	6,636.16								
Sep-23	31.76	33.13	6,636.92								
Jan-24	31.76	33.13	6,636.92								
Apr-24	NM	NM	NM								

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW01	Alluvial	2.05	44.0-59.0	60.0	6,709.79	6,711.84	Jul-14	36.66	38.71	6,673.13
							Oct-14	36.96	39.01	6,672.83
							Jan-15	36.96	39.01	6,672.83
							Mar-15	37.18	39.23	6,672.61
							Jul-15	37.32	39.37	6,672.47
							Oct-15	37.57	39.62	6,672.22
							Jan-16	37.58	39.63	6,672.21
							Apr-16	37.89	39.94	6,671.90
							Jul-16	38.11	40.16	6,671.68
							Oct-16	38.36	40.41	6,671.43
							Jan-17	38.29	40.34	6,671.50
							Apr-17	38.61	40.66	6,671.18
							Jul-17	38.80	40.85	6,670.99
							Oct-17	39.15	41.20	6,670.64
							Jan-18	39.25	41.30	6,670.54
							Apr-18	39.36	41.41	6,670.43
							Jul-18	39.63	41.68	6,670.16
							Oct-18	39.73	41.78	6,670.06
							Jan-19	40.10	42.15	6,669.69
							Apr-19	40.07	42.12	6,669.72
							Jul-19	40.45	42.50	6,669.34
							Sep-19	40.46	42.51	6,669.33
		Jan-20			41.10	42.82	6,669.68			
		Apr-20			41.26	42.98	6,669.52			
		Jul-20			41.48	43.20	6,669.30			
		Oct-20			41.69	43.41	6,669.09			
		Jan-21			41.85	43.57	6,668.93			
		Apr-21			41.96	43.68	6,668.82			
		Jul-21			42.25	43.97	6,668.53			
		Oct-21			42.44	44.16	6,668.34			
		Jan-22			42.68	44.40	6,668.10			
		Apr-22			42.74	44.46	6,668.04			
		Jul-22			42.84	44.56	6,667.94			
		Sep-22			43.03	44.75	6,667.75			
		Jan-23			43.27	44.99	6,667.51			
		Apr-23			43.23	44.95	6,667.55			
		Jul-23			43.53	45.25	6,667.25			
		Sep-23			43.69	45.41	6,667.09			
	Jan-24	43.95			45.67	6,666.83				
	Apr-24	43.89			45.61	6,666.89				
	1.72				6,710.79	6,712.50				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW02	Alluvial	2.01	67.9-81.9	85.0	6,703.34	6,705.35	Jul-14	53.67	55.68	6,649.67
							Oct-14	53.75	55.76	6,649.59
							Jan-15	53.68	55.69	6,649.66
							Mar-15	53.81	55.82	6,649.53
							Jul-15	53.84	55.85	6,649.50
							Oct-15	53.89	55.90	6,649.45
							Jan-16	53.81	55.82	6,649.53
							Apr-16	54.03	56.04	6,649.31
							Jul-16	54.75	56.76	6,648.59
							Oct-16	54.17	56.18	6,649.17
							Jan-17	53.93	55.94	6,649.41
							Apr-17	54.15	56.16	6,649.19
							Jul-17	55.27	57.28	6,648.07
							Oct-17	54.38	56.39	6,648.96
							Jan-18	54.35	56.36	6,648.99
							Apr-18	54.42	56.43	6,648.92
							Jul-18	54.27	56.28	6,649.07
							Oct-18	54.47	56.48	6,648.87
							Jan-19	54.47	56.48	6,648.87
							Apr-19	54.49	56.50	6,648.85
							Jul-19	54.71	56.72	6,648.63
							Sep-19	54.47	56.48	6,648.87
		1.53			6,704.51	6,706.03	Jan-20	55.10	56.63	6,649.40
							Apr-20	55.15	56.68	6,649.35
							Jul-20	55.15	56.68	6,649.35
							Oct-20	55.26	56.79	6,649.24
							Jan-21	55.33	56.86	6,649.17
							Apr-21	55.28	56.81	6,649.22
							Jul-21	55.39	56.92	6,649.11
							Sep-21	55.42	56.95	6,649.08
							Jan-22	55.55	57.08	6,648.95
							Apr-22	55.56	57.09	6,648.94
							Jul-22	55.57	57.10	6,648.93
							Sep-22	55.62	57.15	6,648.88
							Jan-23	55.72	57.25	6,648.78
							Apr-23	55.63	57.16	6,648.87
							Jul-23	55.86	57.39	6,648.64
							Sep-23	55.84	57.37	6,648.66
	Jan-24						55.90	57.43	6,648.60	
	Apr-24						55.99	57.52	6,648.51	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW03	Alluvial	2.06	49.8-69.8	70.1	6,700.37	6,702.43	Jul-14	55.09	57.15	6,645.28
							Oct-14	55.18	57.24	6,645.19
							Jan-15	55.12	57.18	6,645.25
							Mar-15	55.26	57.32	6,645.11
							Jul-15	55.26	57.32	6,645.11
							Oct-15	55.33	57.39	6,645.04
							Jan-16	55.26	57.32	6,645.11
							Apr-16	55.34	57.40	6,645.03
							Jul-16	55.39	57.45	6,644.98
							Oct-16	55.44	57.50	6,644.93
							Jan-17	55.33	57.39	6,645.04
							Apr-17	55.50	57.56	6,644.87
							Jul-17	55.55	57.61	6,644.82
							Oct-17	55.63	57.69	6,644.74
							Jan-18	55.69	57.75	6,644.68
							Apr-18	55.67	57.73	6,644.70
							Jul-18	55.76	57.82	6,644.61
							Oct-18	55.73	57.79	6,644.64
							Jan-19	55.88	57.94	6,644.49
							Apr-19	55.83	57.89	6,644.54
							Jul-19	55.95	58.01	6,644.42
							Sep-19	55.83	57.89	6,644.54
		1.87			6,701.35	6,703.22	Jan-20	56.21	58.08	6,645.14
							Apr-20	56.23	58.10	6,645.12
							Jul-20	56.22	58.09	6,645.13
							Oct-20	56.38	58.25	6,644.97
							Jan-21	56.39	58.26	6,644.96
							Apr-21	56.43	58.30	6,644.92
							Jul-21	56.43	58.30	6,644.92
							Sep-21	56.53	58.40	6,644.82
							Jan-22	56.63	58.50	6,644.72
							Apr-22	56.64	58.51	6,644.71
							Jul-22	56.65	58.52	6,644.70
							Sep-22	56.47	58.34	6,644.88
							Jan-23	56.83	58.70	6,644.52
							Apr-23	56.78	58.65	6,644.57
							Jul-23	56.89	58.76	6,644.46
							Sep-23	56.93	58.80	6,644.42
	Jan-24						57.06	58.93	6,644.29	
	Apr-24						56.98	58.85	6,644.37	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW04	Alluvial	1.86	50.0-70.0	70.5	6,699.00	6,700.86	Jul-14	54.59	56.45	6,644.41
							Oct-14	54.65	56.51	6,644.35
							Jan-15	54.56	56.42	6,644.44
							Mar-15	54.66	56.52	6,644.34
							Jul-15	54.64	56.50	6,644.36
							Oct-15	54.68	56.54	6,644.32
							Jan-16	54.64	56.50	6,644.36
							Apr-16	54.83	56.69	6,644.17
							Jul-16	54.80	56.66	6,644.20
							Oct-16	54.85	56.71	6,644.15
							Jan-17	55.63	57.49	6,643.37
							Apr-17	54.87	56.73	6,644.13
							Jul-17	54.94	56.80	6,644.06
							Oct-17	55.02	56.88	6,643.98
							Jan-18	55.03	56.89	6,643.97
							Apr-18	55.03	56.89	6,643.97
							Jul-18	55.12	56.98	6,643.88
							Oct-18	54.92	56.78	6,644.08
							Jan-19	55.18	57.04	6,643.82
							Apr-19	55.17	57.03	6,643.83
							Jul-19	55.26	57.12	6,643.74
							Sep-19	55.01	56.87	6,643.99
		1.80			6,699.85	6,701.65	Jan-20	55.31	57.11	6,644.54
							Apr-20	55.40	57.20	6,644.45
							Jul-20	55.29	57.09	6,644.56
							Oct-20	55.40	57.20	6,644.45
							Jan-21	55.51	57.31	6,644.34
							Apr-21	55.44	57.24	6,644.41
							Jul-21	55.51	57.31	6,644.34
							Sep-21	55.54	57.34	6,644.31
							Jan-22	55.28	57.08	6,644.57
							Apr-22	55.71	57.51	6,644.14
							Jul-22	55.62	57.42	6,644.23
							Sep-22	55.66	57.46	6,644.19
							Jan-23	56.04	57.84	6,643.81
							Apr-23	55.61	57.41	6,644.24
							Jul-23	55.83	57.63	6,644.02
							Sep-23	55.79	57.59	6,644.06
							Jan-24	56.07	57.87	6,643.78
							Apr-24	55.77	57.57	6,644.08

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW06	Alluvial	1.55	45.0-55.0	57.0	6,689.08	6,690.63	Jul-14	45.64	47.19	6,643.44
							Oct-14	45.72	47.27	6,643.36
							Jan-15	45.55	47.10	6,643.53
							Mar-15	45.76	47.31	6,643.32
							Jul-15	45.67	47.22	6,643.41
							Oct-15	45.78	47.33	6,643.30
							Jan-16	45.59	47.14	6,643.49
							Apr-16	45.97	47.52	6,643.11
							Jul-16	46.01	47.56	6,643.07
							Oct-16	45.96	47.51	6,643.12
							Jan-17	45.62	47.17	6,643.46
							Apr-17	46.03	47.58	6,643.05
							Jul-17	46.12	47.67	6,642.96
							Oct-17	46.23	47.78	6,642.85
							Jan-18	46.16	47.71	6,642.92
							Apr-18	46.14	47.69	6,642.94
							Jul-18	46.21	47.76	6,642.87
							Oct-18	46.08	47.63	6,643.00
							Jan-19	46.24	47.79	6,642.84
							Apr-19	46.41	47.96	6,642.67
							Jul-19	46.48	48.03	6,642.60
							Sep-19	46.27	47.82	6,642.81
		1.47			6,689.87	6,691.34	Jan-20	46.45	47.92	6,643.42
							Apr-20	46.64	48.11	6,643.23
							Jul-20	46.55	48.02	6,643.32
							Oct-20	46.62	48.09	6,643.25
							Jan-21	46.89	48.36	6,642.98
							Apr-21	46.61	48.08	6,643.26
							Jul-21	46.87	48.34	6,643.00
							Sep-21	46.88	48.35	6,642.99
							Jan-22	47.08	48.55	6,642.79
							Apr-22	47.28	48.75	6,642.59
							Jul-22	47.13	48.60	6,642.74
							Sep-22	47.07	48.54	6,642.80
							Jan-23	47.15	48.62	6,642.72
							Apr-23	46.88	48.35	6,642.99
							Jul-23	47.07	48.54	6,642.80
							Sep-23	47.16	48.63	6,642.71
	Jan-24						47.23	48.70	6,642.64	
	Apr-24						47.40	48.87	6,642.47	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW07	Alluvial	1.39	65.0-75.0	76.0	6,689.08	6,690.47	Jul-14	46.02	47.41	6,643.06
							Oct-14	45.67	47.06	6,643.41
							Jan-15	45.86	47.25	6,643.22
							Mar-15	45.71	47.10	6,643.37
							Jul-15	45.93	47.32	6,643.15
							Oct-15	45.65	47.04	6,643.43
							Jan-16	45.49	46.88	6,643.59
							Apr-16	45.56	46.95	6,643.52
							Jul-16	45.76	47.15	6,643.32
							Oct-16	45.61	47.00	6,643.47
							Jan-17	45.80	47.19	6,643.28
							Apr-17	45.59	46.98	6,643.49
							Jul-17	46.47	47.86	6,642.61
							Oct-17	46.39	47.78	6,642.69
							Jan-18	46.29	47.68	6,642.79
							Apr-18	45.75	47.14	6,643.33
							Jul-18	46.38	47.77	6,642.70
							Oct-18	45.71	47.10	6,643.37
							Jan-19	46.19	47.58	6,642.89
							Apr-19	45.95	47.34	6,643.13
							Jul-19	46.50	47.89	6,642.58
							Sep-19	45.95	47.34	6,643.13
		Jan-20			46.47	47.85	6,643.38			
		Apr-20			45.91	47.29	6,643.94			
		Jul-20			46.39	47.77	6,643.46			
		Oct-20			46.17	47.55	6,643.68			
		Jan-21			46.73	48.11	6,643.12			
		Apr-21			46.01	47.39	6,643.84			
		Jul-21			46.62	48.00	6,643.23			
		Sep-21			46.20	47.58	6,643.65			
		Jan-22			47.08	48.46	6,642.77			
		Apr-22			46.45	47.83	6,643.40			
		Jul-22			46.74	48.12	6,643.11			
		Sep-22			46.43	47.81	6,643.42			
		Jan-23			46.34	47.72	6,643.51			
		Apr-23			45.90	47.28	6,643.95			
		Jul-23			46.70	48.08	6,643.15			
		Sep-23			46.59	47.97	6,643.26			
	Jan-24	46.19			47.57	6,643.66				
	Apr-24	46.21			47.59	6,643.64				
		1.38			6,689.84	6,691.23				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW08	Alluvial	1.76	30.0-60.0	62.0	6,678.55	6,680.31	Jul-14	35.17	36.93	6,643.38
							Oct-14	35.31	37.07	6,643.24
							Jan-15	35.18	36.94	6,643.37
							Mar-15	35.41	37.17	6,643.14
							Jul-15	35.32	37.08	6,643.23
							Oct-15	35.44	37.20	6,643.11
							Jan-16	35.28	37.04	6,643.27
							Apr-16	35.62	37.38	6,642.93
							Jul-16	35.60	37.36	6,642.95
							Oct-16	35.81	37.57	6,642.74
							Jan-17	35.57	37.33	6,642.98
							Apr-17	35.82	37.58	6,642.73
							Jul-17	35.94	37.70	6,642.61
							Oct-17	36.21	37.97	6,642.34
							Jan-18	35.98	37.74	6,642.57
							Apr-18	35.91	37.67	6,642.64
							Jul-18	36.13	37.89	6,642.42
							Oct-18	35.88	37.64	6,642.67
							Jan-19	35.31	37.07	6,643.24
							Apr-19	36.38	38.14	6,642.17
							Jul-19	36.40	38.16	6,642.15
							Sep-19	35.97	37.73	6,642.58
		1.49			6,679.56	6,681.05	Jan-20	36.60	38.09	6,642.96
							Apr-20	36.81	38.30	6,642.75
							Jul-20	36.72	38.21	6,642.84
							Oct-20	36.90	38.39	6,642.66
							Jan-21	37.20	38.69	6,642.36
							Apr-21	36.93	38.42	6,642.63
							Jul-21	37.28	38.77	6,642.28
							Oct-21	37.20	38.69	6,642.36
							Jan-22	37.46	38.95	6,642.10
							Apr-22	37.46	38.95	6,642.10
							Jul-22	37.36	38.85	6,642.20
							Sep-22	37.52	39.01	6,642.04
							Jan-23	37.32	38.81	6,642.24
							Apr-23	37.11	38.60	6,642.45
							Jul-23	37.53	39.02	6,642.03
							Sep-23	37.50	38.99	6,642.06
	Jan-24						37.55	39.04	6,642.01	
	Apr-24						37.64	39.13	6,641.92	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW10	Alluvial	2.30	28.0-58.0	65.0	6,677.74	6,680.04	Jul-14	35.48	37.78	6,642.26
							Oct-14	35.60	37.90	6,642.14
							Jan-15	35.45	37.75	6,642.29
							Mar-15	35.64	37.94	6,642.10
							Jul-15	35.62	37.92	6,642.12
							Oct-15	35.77	38.07	6,641.97
							Jan-16	35.61	37.91	6,642.13
							Apr-16	35.86	38.16	6,641.88
							Jul-16	35.98	38.28	6,641.76
							Oct-16	36.20	38.50	6,641.54
							Jan-17	36.07	38.37	6,641.67
							Apr-17	36.07	38.37	6,641.67
							Jul-17	36.26	38.56	6,641.48
							Oct-17	36.60	38.90	6,641.14
							Jan-18	36.47	38.77	6,641.27
							Apr-18	36.38	38.68	6,641.36
							Jul-18	36.64	38.94	6,641.10
							Oct-18	36.62	38.92	6,641.12
							Jan-19	36.82	39.12	6,640.92
							Apr-19	36.82	39.12	6,640.92
							Jul-19	36.96	39.26	6,640.78
							Sep-19	36.84	39.14	6,640.90
		1.91			6,678.85	6,680.76	Jan-20	37.48	39.39	6,641.37
							Apr-20	37.49	39.40	6,641.36
							Jul-20	37.54	39.45	6,641.31
							Oct-20	37.78	39.69	6,641.07
							Jan-21	38.00	39.91	6,640.85
							Apr-21	39.61	41.52	6,639.24
							Jul-21	38.04	39.95	6,640.81
							Sep-21	38.12	40.03	6,640.73
							Jan-22	38.18	40.09	6,640.67
							Apr-22	38.24	40.15	6,640.61
	Jul-22						38.19	40.10	6,640.66	
	Sep-22						38.21	40.12	6,640.64	
	Jan-23						38.25	40.16	6,640.60	
	Apr-23						37.90	39.81	6,640.95	
	Jul-23						38.40	40.31	6,640.45	
	Sep-23						38.50	40.41	6,640.35	
	Jan-24						38.56	40.47	6,640.29	
	Apr-24						38.34	40.25	6,640.51	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW11	Alluvial	2.12	55.0-80.0	82.0	6,716.16	6,718.28	Jul-14	65.46	67.58	6,650.70
							Oct-14	65.61	67.73	6,650.55
							Jan-15	65.68	67.80	6,650.48
							Mar-15	65.69	67.81	6,650.47
							Jul-15	65.81	67.93	6,650.35
							Oct-15	65.98	68.10	6,650.18
							Jan-16	66.07	68.19	6,650.09
							Apr-16	66.10	68.22	6,650.06
							Jul-16	66.28	68.40	6,649.88
							Oct-16	66.27	68.39	6,649.89
							Jan-17	66.47	68.59	6,649.69
							Apr-17	66.84	68.96	6,649.32
							Jul-17	66.62	68.74	6,649.54
							Oct-17	66.85	68.97	6,649.31
							Jan-18	66.93	69.05	6,649.23
							Apr-18	67.00	69.12	6,649.16
							Jul-18	67.14	69.26	6,649.02
							Oct-18	67.31	69.43	6,648.85
							Jan-19	72.90	75.02	6,643.26
							Apr-19	72.09	74.21	6,644.07
							Jul-19	77.13	79.25	6,639.03
							Sep-19	76.36	78.48	6,639.80
		Jan-20			77.88	79.68	6,639.45			
		Apr-20			77.13	78.93	6,640.20			
		Jul-20			80.01	81.81	6,637.32			
		Oct-20			80.16	81.96	6,637.17			
		Jan-21			79.82	81.62	6,637.51			
		Apr-21			Dry	Dry	Dry			
		Jul-21			Dry	Dry	Dry			
		Oct-21			80.17	81.97	6,637.16			
		Jan-22			79.82	81.62	6,637.51			
		Apr-22			79.29	81.09	6,638.04			
		Jul-22			80.17	81.97	6,637.16			
		Sep-22			Dry	Dry	Dry			
		Jan-23			Dry	Dry	Dry			
		Apr-23			Dry	Dry	Dry			
		Jul-23			Dry	Dry	Dry			
		Sep-23			Dry	Dry	Dry			
	Jan-24	Dry			Dry	Dry				
	Apr-24	Dry			Dry	Dry				
	1.80				6,717.32	6,719.13				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW13	Alluvial	2.07	60.7-70.7	72.5	6,705.42	6,707.49	Jul-14	58.30	60.37	6,647.12
							Oct-14	58.40	60.47	6,647.02
							Jan-15	58.39	60.46	6,647.03
							Mar-15	58.43	60.50	6,646.99
							Jul-15	58.49	60.56	6,646.93
							Oct-15	58.59	60.66	6,646.83
							Jan-16	58.62	60.69	6,646.80
							Apr-16	58.68	60.75	6,646.74
							Jul-16	58.75	60.82	6,646.67
							Oct-16	58.89	60.96	6,646.53
							Jan-17	58.82	60.89	6,646.60
							Apr-17	58.93	61.00	6,646.49
							Jul-17	58.95	61.02	6,646.47
							Oct-17	59.13	61.20	6,646.29
							Jan-18	59.16	61.23	6,646.26
							Apr-18	59.18	61.25	6,646.24
							Jul-18	59.27	61.34	6,646.15
							Oct-18	59.34	61.41	6,646.08
							Jan-19	59.36	61.43	6,646.06
							Apr-19	59.40	61.47	6,646.02
							Jul-19	59.53	61.60	6,645.89
							Sep-19	59.53	61.60	6,645.89
		1.46			6,706.75	6,708.21	Jan-20	60.30	61.76	6,646.45
							Apr-20	60.36	61.82	6,646.39
							Jul-20	60.42	61.88	6,646.33
							Oct-20	60.54	62.00	6,646.21
							Jan-21	60.58	62.04	6,646.17
							Apr-21	60.67	62.13	6,646.08
							Jul-21	60.73	62.19	6,646.02
							Oct-21	60.86	62.32	6,645.89
							Jan-22	60.92	62.38	6,645.83
							Apr-22	60.97	62.43	6,645.78
							Jul-22	61.00	62.46	6,645.75
							Sep-22	61.09	62.55	6,645.66
							Jan-23	61.26	62.72	6,645.49
							Apr-23	61.28	62.74	6,645.47
							Jul-23	61.35	62.81	6,645.40
							Sep-23	61.47	62.93	6,645.28
							Jan-24	61.60	63.06	6,645.15
							Apr-24	61.64	63.10	6,645.11

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW15	Alluvial	3.09	56.0-71.0	82.0	6,710.80	6,713.89	Jul-14	61.85	64.94	6,648.95
							Oct-14	61.96	65.05	6,648.84
							Jan-15	61.99	65.08	6,648.81
							Mar-15	62.02	65.11	6,648.78
							Jul-15	62.13	65.22	6,648.67
							Oct-15	62.26	65.35	6,648.54
							Jan-16	62.29	65.38	6,648.51
							Apr-16	62.33	65.42	6,648.47
							Jul-16	62.44	65.53	6,648.36
							Oct-16	62.61	65.70	6,648.19
							Jan-17	62.61	65.70	6,648.19
							Apr-17	62.65	65.74	6,648.15
							Jul-17	62.74	65.83	6,648.06
							Oct-17	63.06	66.15	6,647.74
							Jan-18	62.98	66.07	6,647.82
							Apr-18	63.00	66.09	6,647.80
							Jul-18	63.17	66.26	6,647.63
							Oct-18	63.25	66.34	6,647.55
							Jan-19	63.31	66.40	6,647.49
							Apr-19	63.39	66.48	6,647.41
							Jul-19	63.51	66.60	6,647.29
							Sep-19	63.59	66.68	6,647.21
		2.97			6,711.71	6,714.68	Jan-20	63.82	66.79	6,647.89
							Apr-20	63.76	66.73	6,647.95
							Jul-20	64.11	67.08	6,647.60
							Oct-20	64.14	67.11	6,647.57
							Jan-21	64.24	67.21	6,647.47
							Apr-21	64.33	67.30	6,647.38
							Jul-21	64.48	67.45	6,647.23
							Oct-21	64.58	67.55	6,647.13
							Jan-22	64.88	67.85	6,646.83
							Apr-22	64.78	67.75	6,646.93
	Jul-22						64.84	67.81	6,646.87	
	Sep-22						64.98	67.95	6,646.73	
	Jan-23						65.17	68.14	6,646.54	
	Apr-23						65.25	68.22	6,646.46	
	Jul-23						65.36	68.33	6,646.35	
	Sep-23						65.54	68.51	6,646.17	
	Jan-24						65.69	68.66	6,646.02	
	Apr-24						65.78	68.75	6,645.93	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW21	Alluvial	2.39	48.0-58.0	72.0	6,692.75	6,695.14	Jul-14	48.46	50.85	6,644.29
							Oct-14	48.51	50.90	6,644.24
							Jan-15	48.43	50.82	6,644.32
							Mar-15	48.52	50.91	6,644.23
							Jul-15	48.51	50.90	6,644.24
							Oct-15	48.49	50.88	6,644.26
							Jan-16	48.49	50.88	6,644.26
							Apr-16	48.66	51.05	6,644.09
							Jul-16	48.65	51.04	6,644.10
							Oct-16	48.69	51.08	6,644.06
							Jan-17	48.80	51.19	6,643.95
							Apr-17	48.73	51.12	6,644.02
							Jul-17	48.79	51.18	6,643.96
							Oct-17	48.94	51.33	6,643.81
							Jan-18	48.97	51.36	6,643.78
							Apr-18	48.94	51.33	6,643.81
							Jul-18	49.07	51.46	6,643.68
							Oct-18	49.04	51.43	6,643.71
							Jan-19	49.15	51.54	6,643.60
							Apr-19	49.13	51.52	6,643.62
							Jul-19	48.78	51.17	6,643.97
							Sep-19	49.24	51.63	6,643.51
		2.11			6,693.75	6,695.86	Jan-20	49.59	51.70	6,644.16
							Apr-20	49.90	52.01	6,643.85
							Jul-20	49.72	51.83	6,644.03
							Oct-20	49.79	51.90	6,643.96
							Jan-21	49.99	52.10	6,643.76
							Apr-21	49.83	51.94	6,643.92
							Jul-21	49.99	52.10	6,643.76
							Sep-21	50.10	52.21	6,643.65
							Jan-22	50.14	52.25	6,643.61
							Apr-22	50.20	52.31	6,643.55
							Jul-22	50.19	52.30	6,643.56
							Sep-22	50.19	52.30	6,643.56
							Jan-23	50.39	52.50	6,643.36
							Apr-23	50.30	52.41	6,643.45
							Jul-23	50.69	52.80	6,643.06
							Sep-23	50.48	52.59	6,643.27
							Jan-24	50.52	52.63	6,643.23
							Apr-24	50.61	52.72	6,643.14

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW22	Alluvial	1.94	52.0-62.0	77.0	6,689.80	6,691.74	Jul-14	46.78	48.72	6,643.02
							Oct-14	46.74	48.68	6,643.06
							Jan-15	46.58	48.52	6,643.22
							Mar-15	46.77	48.71	6,643.03
							Jul-15	46.73	48.67	6,643.07
							Oct-15	46.77	48.71	6,643.03
							Jan-16	46.52	48.46	6,643.28
							Apr-16	46.89	48.83	6,642.91
							Jul-16	46.80	48.74	6,643.00
							Oct-16	46.55	48.49	6,643.25
							Jan-17	46.45	48.39	6,643.35
							Apr-17	46.82	48.76	6,642.98
							Jul-17	46.96	48.90	6,642.84
							Oct-17	47.11	49.05	6,642.69
							Jan-18	46.87	48.81	6,642.93
							Apr-18	46.91	48.85	6,642.89
							Jul-18	46.99	48.93	6,642.81
							Oct-18	46.62	48.56	6,643.18
							Jan-19	46.95	48.89	6,642.85
							Apr-19	47.09	49.03	6,642.71
		Jul-19			47.15	49.09	6,642.65			
		Sep-19			46.81	48.75	6,642.99			
		1.61			6,690.90	6,692.51	Jan-20	47.35	48.96	6,643.55
							Apr-20	47.41	49.02	6,643.49
							Jul-20	47.37	48.98	6,643.53
							Oct-20	47.45	49.06	6,643.45
							Jan-21	47.70	49.31	6,643.20
							Apr-21	47.43	49.04	6,643.47
							Jul-21	47.67	49.28	6,643.23
							Sep-21	47.60	49.21	6,643.30
	Jan-22						47.93	49.54	6,642.97	
	Apr-22						47.83	49.44	6,643.07	
	Jul-22	47.74			49.35	6,643.16				
	Sep-22	47.80			49.41	6,643.10				
	Jan-23	47.78			49.39	6,643.12				
	Apr-23	47.50			49.11	6,643.40				
	Jul-23	47.88			49.49	6,643.02				
	Sep-23	47.77			49.38	6,643.13				
	Jan-24	47.94			49.55	6,642.96				
	Apr-24	47.76			49.37	6,643.14				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW23	Alluvial	2.29	46.0-56.0	72.0	6,685.37	6,687.66	Jul-14	43.15	45.44	6,642.22
							Oct-14	43.20	45.49	6,642.17
							Jan-15	43.03	45.32	6,642.34
							Mar-15	43.19	45.48	6,642.18
							Jul-15	43.03	45.32	6,642.34
							Oct-15	43.14	45.43	6,642.23
							Jan-16	42.91	45.20	6,642.46
							Apr-16	43.26	45.55	6,642.11
							Jul-16	43.21	45.50	6,642.16
							Oct-16	43.28	45.57	6,642.09
							Jan-17	42.81	45.10	6,642.56
							Apr-17	43.20	45.49	6,642.17
							Jul-17	43.35	45.64	6,642.02
							Oct-17	43.51	45.80	6,641.86
							Jan-18	43.32	45.61	6,642.05
							Apr-18	44.26	46.55	6,641.11
							Jul-18	43.37	45.66	6,642.00
							Oct-18	43.11	45.40	6,642.26
							Jan-19	42.90	45.19	6,642.47
							Apr-19	43.49	45.78	6,641.88
							Jul-19	43.54	45.83	6,641.83
							Sep-19	43.33	45.62	6,642.04
		2.11			6,686.50	6,688.61	Jan-20	43.61	45.72	6,642.89
							Apr-20	43.64	45.75	6,642.86
							Jul-20	43.69	45.80	6,642.81
							Oct-20	43.88	45.99	6,642.62
							Jan-21	44.05	46.16	6,642.45
							Apr-21	43.76	45.87	6,642.74
							Jul-21	44.01	46.12	6,642.49
							Oct-21	43.99	46.10	6,642.51
							Jan-22	44.22	46.33	6,642.28
							Apr-22	44.02	46.13	6,642.48
							Jul-22	44.07	46.18	6,642.43
							Sep-22	44.15	46.26	6,642.35
							Jan-23	43.98	46.09	6,642.52
							Apr-23	43.72	45.83	6,642.78
							Jul-23	44.15	46.26	6,642.35
							Sep-23	44.12	46.23	6,642.38
	Jan-24						44.13	46.24	6,642.37	
	Apr-24						44.13	46.24	6,642.37	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW24	Alluvial	1.90	44.0-54.0	75.0	6,678.52	6,680.42	Jul-14	36.37	38.27	6,642.15
							Oct-14	36.41	38.31	6,642.11
							Jan-15	36.22	38.12	6,642.30
							Mar-15	36.30	38.20	6,642.22
							Jul-15	36.13	38.03	6,642.39
							Oct-15	36.25	38.15	6,642.27
							Jan-16	35.92	37.82	6,642.60
							Apr-16	36.15	38.05	6,642.37
							Jul-16	36.16	38.06	6,642.36
							Oct-16	36.32	38.22	6,642.20
							Jan-17	35.75	37.65	6,642.77
							Apr-17	36.09	37.99	6,642.43
							Jul-17	36.22	38.12	6,642.30
							Oct-17	36.44	38.34	6,642.08
							Jan-18	36.19	38.09	6,642.33
							Apr-18	36.06	37.96	6,642.46
							Jul-18	36.29	38.19	6,642.23
							Oct-18	36.00	37.90	6,642.52
							Jan-19	35.85	37.75	6,642.67
							Apr-19	36.26	38.16	6,642.26
		Jul-19			36.27	38.17	6,642.25			
		Sep-19			36.05	37.95	6,642.47			
		1.74			6,679.40	6,681.14	Jan-20	36.32	38.06	6,643.08
							Apr-20	36.79	38.53	6,642.61
							Jul-20	36.35	38.09	6,643.05
							Oct-20	36.60	38.34	6,642.80
							Jan-21	36.75	38.49	6,642.65
							Apr-21	36.38	38.12	6,643.02
							Jul-21	36.62	38.36	6,642.78
							Oct-21	36.67	38.41	6,642.73
	Jan-22			36.94			38.68	6,642.46		
	Apr-22			36.78			38.52	6,642.62		
	Jul-22	36.61		38.35	6,642.79					
	Sep-22	36.77		38.51	6,642.63					
	Jan-23	36.49		38.23	6,642.91					
	Apr-23	36.19		37.93	6,643.21					
	Jul-23	36.57		38.31	6,642.83					
	Sep-23	36.66		38.40	6,642.74					
	Jan-24	36.64		38.38	6,642.76					
	Apr-24	36.50		38.24	6,642.90					

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW25	Alluvial	1.79	42.5-52.5	74.0	6,671.09	6,672.88	Jul-14	37.13	38.92	6,633.96
							Oct-14	37.26	39.05	6,633.83
							Jan-15	37.07	38.86	6,634.02
							Mar-15	37.14	38.93	6,633.95
							Jul-15	37.03	38.82	6,634.06
							Oct-15	37.21	39.00	6,633.88
							Jan-16	37.20	38.99	6,633.89
							Apr-16	37.31	39.10	6,633.78
							Jul-16	37.26	39.05	6,633.83
							Oct-16	37.46	39.25	6,633.63
							Jan-17	37.25	39.04	6,633.84
							Apr-17	37.29	39.08	6,633.80
							Jul-17	37.42	39.21	6,633.67
							Oct-17	37.79	39.58	6,633.30
							Jan-18	37.58	39.37	6,633.51
							Apr-18	37.47	39.26	6,633.62
							Jul-18	37.67	39.46	6,633.42
							Oct-18	37.53	39.32	6,633.56
							Jan-19	37.86	39.65	6,633.23
							Apr-19	37.77	39.56	6,633.32
							Jul-19	37.83	39.62	6,633.26
							Sep-19	37.88	39.67	6,633.21
		1.56	42.5-52.5	74.0	6,671.61	6,673.17	Jan-20	38.23	39.79	6,633.38
							Apr-20	38.37	39.93	6,633.24
							Jul-20	38.37	39.93	6,633.24
							Oct-20	40.27	41.83	6,631.34
							Jan-21	38.69	40.25	6,632.92
							Apr-21	38.45	40.01	6,633.16
							Jul-21	38.69	40.25	6,632.92
							Oct-21	38.76	40.32	6,632.85
							Jan-22	38.88	40.44	6,632.73
							Apr-22	38.78	40.34	6,632.83
							Jul-22	38.67	40.23	6,632.94
							Sep-22	38.77	40.33	6,632.84
							Jan-23	38.73	40.29	6,632.88
							Apr-23	38.30	39.86	6,633.31
							Jul-23	38.64	40.20	6,632.97
							Sep-23	38.79	40.35	6,632.82
							Jan-24	38.79	40.35	6,632.82
							Apr-24	38.71	40.27	6,632.90

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW26	Alluvial	2.83	45.0-55.0	64.8	6,674.88	6,677.71	Jul-14	23.72	26.55	6,651.16
							Oct-14	24.23	27.06	6,650.65
							Jan-15	24.30	27.13	6,650.58
							Mar-15	24.32	27.15	6,650.56
							Jul-15	24.22	27.05	6,650.66
							Oct-15	24.65	27.48	6,650.23
							Jan-16	24.75	27.58	6,650.13
							Apr-16	24.47	27.30	6,650.41
							Jul-16	24.77	27.60	6,650.11
							Oct-16	25.28	28.11	6,649.60
							Jan-17	NM	NM	NM
							Apr-17	24.90	27.73	6,649.98
							Jul-17	25.06	27.89	6,649.82
							Oct-17	25.35	28.18	6,649.53
							Jan-18	25.24	28.07	6,649.64
							Apr-18	25.20	28.03	6,649.68
							Jul-18	25.16	27.99	6,649.72
							Oct-18	25.27	28.10	6,649.61
							Jan-19	25.29	28.12	6,649.59
							Apr-19	25.33	28.16	6,649.55
							Jul-19	25.38	28.21	6,649.50
							Sep-19	25.77	28.60	6,649.11
		2.64			6,675.79	6,678.43	Jan-20	26.17	28.81	6,649.62
							Apr-20	29.41	32.05	6,646.38
							Jul-20	26.32	28.96	6,649.47
							Oct-20	26.62	29.26	6,649.17
							Jan-21	26.86	29.50	6,648.93
							Apr-21	26.35	28.99	6,649.44
							Jul-21	26.94	29.58	6,648.85
							Oct-21	26.95	29.59	6,648.84
							Jan-22	27.10	29.74	6,648.69
							Apr-22	26.71	29.35	6,649.08
							Jul-22	26.25	28.89	6,649.54
							Sep-22	27.03	29.67	6,648.76
							Jan-23	26.85	29.49	6,648.94
							Apr-23	26.91	29.55	6,648.88
							Jul-23	26.87	29.51	6,648.92
							Sep-23	27.11	29.75	6,648.68
							Jan-24	27.03	29.67	6,648.76
							Apr-24	29.07	31.71	6,646.72

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)			
TMW27	Alluvial	2.68	60.0-70.0	102.2	6,665.45	6,668.13	Jul-14	25.36	28.04	6,640.09			
							Oct-14	25.63	28.31	6,639.82			
							Jan-15	25.52	28.20	6,639.93			
							Mar-15	25.39	28.07	6,640.06			
							Jul-15	25.38	28.06	6,640.07			
							Oct-15	25.76	28.44	6,639.69			
							Jan-16	25.64	28.32	6,639.81			
							Apr-16	25.57	28.25	6,639.88			
							Jul-16	25.95	28.63	6,639.50			
							Oct-16	26.06	28.74	6,639.39			
							Jan-17	25.81	28.49	6,639.64			
							Apr-17	25.71	28.39	6,639.74			
							Jul-17	25.85	28.53	6,639.60			
							Oct-17	26.31	28.99	6,639.14			
							Jan-18	26.11	28.79	6,639.34			
							Apr-18	25.96	28.64	6,639.49			
							Jul-18	26.21	28.89	6,639.24			
							Oct-18	26.40	29.08	6,639.05			
							Jan-19	26.38	29.06	6,639.07			
							Apr-19	26.24	28.92	6,639.21			
							Jul-19	26.24	28.92	6,639.21			
							Sep-19	26.47	29.15	6,638.98			
							2.11	6,666.40	6,668.51	Jan-20	27.16	29.27	6,639.24
										Apr-20	27.01	29.12	6,639.39
										Jul-20	27.31	29.42	6,639.09
										Oct-20	27.62	29.73	6,638.78
										Jan-21	27.70	29.81	6,638.70
										Apr-21	27.50	29.61	6,638.90
										Jul-21	27.73	29.84	6,638.67
										Oct-21	27.80	29.91	6,638.60
	Jan-22	27.88		29.99	6,638.52								
	Apr-22	27.74		29.85	6,638.66								
	Jul-22	27.72		29.83	6,638.68								
	Sep-22	28.89		31.00	6,637.51								
	Jan-23	27.63		29.74	6,638.77								
	Apr-23	27.44		29.55	6,638.96								
	Jul-23	27.44		29.55	6,638.96								
	Sep-23	27.86		29.97	6,638.54								
	Jan-24	27.76		29.87	6,638.64								
	Apr-24	27.64		29.75	6,638.76								

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW28	Alluvial	2.40	37.0-47.0	72.5	6,686.77	6,689.17	Jul-14	16.28	18.96	6,670.21
							Oct-14	16.68	19.36	6,669.81
							Jan-15	16.34	19.02	6,670.15
							Mar-15	16.01	18.69	6,670.48
							Jul-15	16.67	19.35	6,669.82
							Oct-15	17.15	19.83	6,669.34
							Jan-16	16.75	19.43	6,669.74
							Apr-16	16.67	19.35	6,669.82
							Jul-16	17.09	19.77	6,669.40
							Oct-16	17.63	20.31	6,668.86
							Jan-17	17.21	19.89	6,669.28
							Apr-17	15.96	18.64	6,670.53
							Jul-17	16.94	19.62	6,669.55
							Oct-17	17.72	20.40	6,668.77
							Jan-18	17.51	20.19	6,668.98
							Apr-18	17.26	19.94	6,669.23
							Jul-18	17.97	20.65	6,668.52
							Oct-18	18.21	20.89	6,668.28
							Jan-19	17.88	20.56	6,668.61
							Apr-19	15.70	18.38	6,670.79
							Jul-19	17.20	19.60	6,669.57
							Sep-19	18.19	20.59	6,668.58
		Jan-20			18.04	20.31	6,670.04			
		Apr-20			17.84	20.11	6,670.24			
		Jul-20			18.93	21.20	6,669.15			
		Oct-20			18.30	20.57	6,669.78			
		Jan-21			18.87	21.14	6,669.21			
		Apr-21			18.59	20.86	6,669.49			
		Jul-21			19.62	21.89	6,668.46			
		Oct-21			19.77	22.04	6,668.31			
		Jan-22			19.13	21.40	6,668.95			
		Apr-22			18.82	21.09	6,669.26			
		Jul-22			19.71	21.98	6,668.37			
		Sep-22			19.79	22.06	6,668.29			
		Jan-23			18.97	21.24	6,669.11			
		Apr-23			15.55	17.82	6,672.53			
		Jul-23			17.64	19.91	6,670.44			
		Sep-23			19.16	21.43	6,668.92			
	Jan-24	18.95			21.22	6,669.13				
	Apr-24	18.20			20.47	6,669.88				
	2.27				6,688.08	6,690.35				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW29	Alluvial	2.57	49.0-59.0	69.0	6,700.31	6,702.88	Jul-14	54.88	57.45	6,645.43
							Oct-14	54.99	57.56	6,645.32
							Jan-15	54.94	57.51	6,645.37
							Mar-15	55.00	57.57	6,645.31
							Jul-15	55.01	57.58	6,645.30
							Oct-15	55.05	57.62	6,645.26
							Jan-16	55.09	57.66	6,645.22
							Apr-16	55.20	57.77	6,645.11
							Jul-16	55.21	57.78	6,645.10
							Oct-16	55.28	57.85	6,645.03
							Jan-17	55.19	57.76	6,645.12
							Apr-17	55.32	57.89	6,644.99
							Jul-17	55.39	57.96	6,644.92
							Oct-17	55.50	58.07	6,644.81
							Jan-18	55.52	58.09	6,644.79
							Apr-18	55.56	58.13	6,644.75
							Jul-18	55.62	58.19	6,644.69
							Oct-18	55.63	58.20	6,644.68
							Jan-19	55.74	58.31	6,644.57
							Apr-19	55.69	58.26	6,644.62
							Jul-19	55.81	58.38	6,644.50
							Sep-19	55.78	58.35	6,644.53
		2.48			6,701.36	6,703.84	Jan-20	56.02	58.50	6,645.34
							Apr-20	56.04	58.52	6,645.32
							Jul-20	56.08	58.56	6,645.28
							Oct-20	56.21	58.69	6,645.15
							Jan-21	56.23	58.71	6,645.13
							Apr-21	56.28	58.76	6,645.08
							Jul-21	55.31	57.79	6,646.05
							Sep-21	56.41	58.89	6,644.95
							Jan-22	56.48	58.96	6,644.88
							Apr-22	56.49	58.97	6,644.87
							Jul-22	56.55	59.03	6,644.81
							Sep-22	56.57	59.05	6,644.79
							Jan-23	56.74	59.22	6,644.62
							Apr-23	56.73	59.21	6,644.63
							Jul-23	56.80	59.28	6,644.56
							Sep-23	56.88	59.36	6,644.48
	Jan-24						56.96	59.44	6,644.40	
	Apr-24						56.95	59.43	6,644.41	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)		
TMW31S	Alluvial	0.01	50.0-60.0	61.0	6,710.19	6,710.20	Jul-14	37.85	37.86	6,672.34		
							Oct-14	38.12	38.13	6,672.07		
							Jan-15	38.10	38.11	6,672.09		
							Mar-15	38.34	38.35	6,671.85		
							Jul-15	38.49	38.50	6,671.70		
							Oct-15	38.75	38.76	6,671.44		
							Jan-16	38.69	38.70	6,671.50		
							Apr-16	39.10	39.11	6,671.09		
							Jul-16	39.23	39.24	6,670.96		
							Oct-16	39.59	39.60	6,670.60		
							Jan-17	39.39	39.40	6,670.80		
							Apr-17	39.81	39.82	6,670.38		
							Jul-17	40.02	40.03	6,670.17		
							Oct-17	40.38	40.39	6,669.81		
							Jan-18	40.39	40.40	6,669.80		
							Apr-18	40.50	40.51	6,669.69		
							Jul-18	40.75	40.76	6,669.44		
							Oct-18	40.79	40.80	6,669.40		
		Jan-19					41.20	41.21	6,668.99			
		Apr-19					41.19	41.20	6,669.00			
		Jul-19					41.56	41.57	6,668.63			
		Sep-19					41.49	41.50	6,668.70			
		1.26					6,710.19	6,711.45	Jan-20	40.60	41.86	6,669.59
									Apr-20	39.72	40.98	6,670.47
									Jul-20	40.96	42.22	6,669.23
									Oct-20	41.19	42.45	6,669.00
									Jan-21	41.42	42.68	6,668.77
									Apr-21	41.44	42.70	6,668.75
									Jul-21	41.74	43.00	6,668.45
									Oct-21	41.93	43.19	6,668.26
									Jan-22	42.21	43.47	6,667.98
									Apr-22	42.34	43.60	6,667.85
									Jul-22	42.30	43.56	6,667.89
									Sep-22	42.52	43.78	6,667.67
									Jan-23	42.79	44.05	6,667.40
									Apr-23	42.64	43.90	6,667.55
									Jul-23	43.03	44.29	6,667.16
									Sep-23	43.13	44.39	6,667.06
	Jan-24			43.40	44.66	6,666.79						
	Apr-24			43.30	44.56	6,666.89						

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW33	Alluvial	2.51	37.0-57.0	60.4	6,684.09	6,686.60	Jul-14	41.47	43.98	6,642.62
							Oct-14	41.56	44.07	6,642.53
							Jan-15	41.44	43.95	6,642.65
							Mar-15	41.59	44.10	6,642.50
							Jul-15	41.54	44.05	6,642.55
							Oct-15	41.75	44.26	6,642.34
							Jan-16	41.70	44.21	6,642.39
							Apr-16	41.92	44.43	6,642.17
							Jul-16	41.94	44.45	6,642.15
							Oct-16	42.12	44.63	6,641.97
							Jan-17	42.06	44.57	6,642.03
							Apr-17	42.12	44.63	6,641.97
							Jul-17	42.28	44.79	6,641.81
							Oct-17	42.54	45.05	6,641.55
							Jan-18	42.42	44.93	6,641.67
							Apr-18	42.46	44.97	6,641.63
							Jul-18	42.54	45.05	6,641.55
							Oct-18	42.41	44.92	6,641.68
							Jan-19	42.70	45.21	6,641.39
							Apr-19	42.77	45.28	6,641.32
							Jul-19	42.81	45.32	6,641.28
							Sep-19	42.74	45.25	6,641.35
		2.37			6,685.07	6,687.45	Jan-20	43.10	45.47	6,641.98
							Apr-20	42.99	45.36	6,642.09
							Jul-20	43.17	45.54	6,641.91
							Oct-20	44.30	46.67	6,640.78
							Jan-21	43.57	45.94	6,641.51
							Apr-21	43.34	45.71	6,641.74
							Jul-21	43.56	45.93	6,641.52
							Sep-21	43.65	46.02	6,641.43
							Jan-22	43.84	46.21	6,641.24
							Apr-22	43.90	46.27	6,641.18
	Jul-22						43.73	46.10	6,641.35	
	Sep-22						43.86	46.23	6,641.22	
	Jan-23						43.88	46.25	6,641.20	
	Apr-23						43.66	46.03	6,641.42	
	Jul-23						43.98	46.35	6,641.10	
	Sep-23						44.06	46.43	6,641.02	
	Jan-24						44.20	46.57	6,640.88	
	Apr-24						43.98	46.35	6,641.10	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW34	Alluvial	2.97	37.0-57.0	57.3	6,684.32	6,687.29	Jul-14	42.95	45.92	6,641.37
							Oct-14	43.07	46.04	6,641.25
							Jan-15	42.95	45.92	6,641.37
							Mar-15	43.02	45.99	6,641.30
							Jul-15	42.98	45.95	6,641.34
							Oct-15	43.17	46.14	6,641.15
							Jan-16	43.13	46.10	6,641.19
							Apr-16	43.17	46.14	6,641.15
							Jul-16	43.26	46.23	6,641.06
							Oct-16	43.40	46.37	6,640.92
							Jan-17	43.51	46.48	6,640.81
							Apr-17	43.41	46.38	6,640.91
							Jul-17	43.47	46.44	6,640.85
							Oct-17	43.39	46.36	6,640.93
							Jan-18	43.37	46.34	6,640.95
							Apr-18	43.32	46.29	6,641.00
							Jul-18	43.49	46.46	6,640.83
							Oct-18	43.52	46.49	6,640.80
							Jan-19	43.53	46.50	6,640.79
							Apr-19	43.60	46.57	6,640.72
							Jul-19	43.69	46.66	6,640.63
							Sep-19	43.73	46.70	6,640.59
		2.61			6,685.75	6,688.36	Jan-20	44.30	46.91	6,641.45
							Apr-20	44.30	46.91	6,641.45
							Jul-20	44.29	46.90	6,641.46
							Oct-20	44.37	46.98	6,641.38
							Jan-21	44.61	47.22	6,641.14
							Apr-21	44.33	46.94	6,641.42
							Jul-21	44.63	47.24	6,641.12
							Sep-21	44.76	47.37	6,640.99
							Jan-22	44.71	47.32	6,641.04
							Apr-22	44.74	47.35	6,641.01
							Jul-22	44.80	47.41	6,640.95
							Sep-22	44.77	47.38	6,640.98
							Jan-23	44.86	47.47	6,640.89
							Apr-23	44.71	47.32	6,641.04
							Jul-23	44.95	47.56	6,640.80
							Sep-23	45.23	47.84	6,640.52
	Jan-24			45.12			47.73	6,640.63		
	Apr-24			45.05			47.66	6,640.70		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW35	Alluvial	2.38	35.0-55.0	55.0	6,684.14	6,686.52	Jul-14	41.70	44.08	6,642.44
							Oct-14	41.81	44.19	6,642.33
							Jan-15	41.75	44.13	6,642.39
							Mar-15	41.87	44.25	6,642.27
							Jul-15	41.82	44.20	6,642.32
							Oct-15	42.01	44.39	6,642.13
							Jan-16	41.98	44.36	6,642.16
							Apr-16	42.14	44.52	6,642.00
							Jul-16	42.19	44.57	6,641.95
							Oct-16	42.35	44.73	6,641.79
							Jan-17	42.42	44.80	6,641.72
							Apr-17	42.38	44.76	6,641.76
							Jul-17	42.48	44.86	6,641.66
							Oct-17	42.64	45.02	6,641.50
							Jan-18	42.65	45.03	6,641.49
							Apr-18	42.63	45.01	6,641.51
							Jul-18	42.64	45.02	6,641.50
							Oct-18	42.74	45.12	6,641.40
							Jan-19	42.87	45.25	6,641.27
							Apr-19	42.91	45.29	6,641.23
							Jul-19	42.97	45.35	6,641.17
							Sep-19	43.01	45.39	6,641.13
		2.30			6,685.52	6,687.82	Jan-20	43.21	45.51	6,642.31
							Apr-20	43.38	45.68	6,642.14
							Jul-20	43.28	45.58	6,642.24
							Oct-20	43.42	45.72	6,642.10
							Jan-21	43.71	46.01	6,641.81
							Apr-21	43.50	45.80	6,642.02
							Jul-21	43.71	46.01	6,641.81
							Sep-21	43.82	46.12	6,641.70
							Jan-22	43.85	46.15	6,641.67
							Apr-22	43.90	46.20	6,641.62
							Jul-22	43.89	46.19	6,641.63
							Sep-22	43.92	46.22	6,641.60
							Jan-23	45.17	47.47	6,640.35
							Apr-23	43.93	46.23	6,641.59
							Jul-23	44.34	46.64	6,641.18
							Sep-23	44.28	46.58	6,641.24
	Jan-24			44.25			46.55	6,641.27		
	Apr-24			44.25			46.55	6,641.27		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW39S	Alluvial	2.08	32.5-52.5	53.0	6,706.53	6,708.61	Jul-14	33.62	35.70	6,672.91
							Oct-14	33.80	35.88	6,672.73
							Jan-15	33.87	35.95	6,672.66
							Mar-15	33.99	36.07	6,672.54
							Jul-15	34.15	36.23	6,672.38
							Oct-15	34.29	36.37	6,672.24
							Jan-16	34.32	36.40	6,672.21
							Apr-16	34.43	36.51	6,672.10
							Jul-16	34.62	36.70	6,671.91
							Oct-16	34.83	36.91	6,671.70
							Jan-17	34.81	36.89	6,671.72
							Apr-17	35.00	37.08	6,671.53
							Jul-17	35.17	37.25	6,671.36
							Oct-17	35.39	37.47	6,671.14
							Jan-18	35.46	37.54	6,671.07
							Apr-18	35.44	37.52	6,671.09
							Jul-18	35.88	37.96	6,670.65
							Oct-18	35.95	38.03	6,670.58
							Jan-19	36.23	38.31	6,670.30
							Apr-19	36.14	38.22	6,670.39
							Jul-19	36.59	38.67	6,669.94
							Sep-19	36.71	38.79	6,669.82
		1.56			6,706.69	6,708.25	Jan-20	37.26	38.82	6,669.43
							Apr-20	37.46	39.02	6,669.23
							Jul-20	37.83	39.39	6,668.86
							Oct-20	38.05	39.61	6,668.64
							Jan-21	37.28	38.84	6,669.41
							Apr-21	38.07	39.63	6,668.62
							Jul-21	38.59	40.15	6,668.10
							Sep-21	38.59	40.15	6,668.10
							Jan-22	38.96	40.52	6,667.73
							Apr-22	39.00	40.56	6,667.69
							Jul-22	39.09	40.65	6,667.60
							Sep-22	39.19	40.75	6,667.50
							Jan-23	39.46	41.02	6,667.23
							Apr-23	39.35	40.91	6,667.34
							Jul-23	39.77	41.33	6,666.92
							Sep-23	39.82	41.38	6,666.87
	Jan-24						40.04	41.60	6,666.65	
	Apr-24						39.99	41.55	6,666.70	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW40S	Alluvial	2.59	50.0-60.0	60.5	6,703.81	6,706.40	Jul-14	57.74	60.33	6,646.07
							Oct-14	57.81	60.40	6,646.00
							Jan-15	57.79	60.38	6,646.02
							Mar-15	57.83	60.42	6,645.98
							Jul-15	57.85	60.44	6,645.96
							Oct-15	57.91	60.50	6,645.90
							Jan-16	57.90	60.49	6,645.91
							Apr-16	57.99	60.58	6,645.82
							Jul-16	57.98	60.57	6,645.83
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	58.09	60.68	6,645.72
							Jul-17	58.11	60.70	6,645.70
							Oct-17	58.21	60.80	6,645.60
							Jan-18	58.21	60.80	6,645.60
							Apr-18	58.24	60.83	6,645.57
							Jul-18	58.26	60.85	6,645.55
							Oct-18	58.27	60.86	6,645.54
							Jan-19	58.38	60.97	6,645.43
							Apr-19	58.40	60.99	6,645.41
							Jul-19	58.49	61.08	6,645.32
							Sep-19	58.46	61.05	6,645.35
		2.61			6,704.37	6,706.98	Jan-20	58.53	61.14	6,645.84
							Apr-20	58.57	61.18	6,645.80
							Jul-20	58.59	61.20	6,645.78
							Oct-20	58.69	61.30	6,645.68
							Jan-21	58.74	61.35	6,645.63
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	58.96	61.57	6,645.41
							Apr-22	60.30	62.91	6,644.07
							Jul-22	58.99	61.60	6,645.38
							Sep-22	59.47	62.08	6,644.90
							Jan-23	59.43	62.04	6,644.94
							Apr-23	59.14	61.75	6,645.23
							Jul-23	59.44	62.05	6,644.93
							Sep-23	59.31	61.92	6,645.06
							Jan-24	Dry	Dry	Dry
							Apr-24	Dry	Dry	Dry

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW41	Alluvial	1.73	55.5-65.5	66.0	6,703.48	6,705.21	Jul-14	39.26	40.99	6,664.22
							Oct-14	39.37	41.10	6,664.11
							Jan-15	39.27	41.00	6,664.21
							Mar-15	39.55	41.28	6,663.93
							Jul-15	39.62	41.35	6,663.86
							Oct-15	39.75	41.48	6,663.73
							Jan-16	39.53	41.26	6,663.95
							Apr-16	40.01	41.74	6,663.47
							Jul-16	40.03	41.76	6,663.45
							Oct-16	40.27	42.00	6,663.21
							Jan-17	39.82	41.55	6,663.66
							Apr-17	40.29	42.02	6,663.19
							Jul-17	40.55	42.28	6,662.93
							Oct-17	40.74	42.47	6,662.74
							Jan-18	40.70	42.43	6,662.78
							Apr-18	40.87	42.60	6,662.61
							Jul-18	41.08	42.81	6,662.40
							Oct-18	40.80	42.53	6,662.68
							Jan-19	41.10	42.83	6,662.38
							Apr-19	41.07	42.80	6,662.41
		Jul-19			41.41	43.14	6,662.07			
		Sep-19			41.14	42.87	6,662.34			
		1.59			6,704.15	6,705.74	Jan-20	41.63	43.22	6,662.52
							Apr-20	40.78	42.37	6,663.37
							Jul-20	41.86	43.45	6,662.29
							Oct-20	42.09	43.68	6,662.06
							Jan-21	42.30	43.89	6,661.85
							Apr-21	42.18	43.77	6,661.97
							Jul-21	42.47	44.06	6,661.68
							Sep-21	42.49	44.08	6,661.66
	Jan-22						42.88	44.47	6,661.27	
	Apr-22						42.85	44.44	6,661.30	
	Jul-22	42.91			44.50	6,661.24				
	Sep-22	42.98			44.57	6,661.17				
	Jan-23	43.09			44.68	6,661.06				
	Apr-23	42.85			44.44	6,661.30				
	Jul-23	43.39			44.98	6,660.76				
	Sep-23	43.38			44.97	6,660.77				
	Jan-24	43.54			45.13	6,660.61				
	Apr-24	43.33			44.92	6,660.82				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW43	Alluvial	3.00	58.0-78.0	78.5	6,695.63	6,698.63	Jul-14	50.51	53.51	6,645.12
							Oct-14	50.59	53.59	6,645.04
							Jan-15	50.50	53.50	6,645.13
							Mar-15	50.59	53.59	6,645.04
							Jul-15	50.58	53.58	6,645.05
							Oct-15	50.63	53.63	6,645.00
							Jan-16	50.59	53.59	6,645.04
							Apr-16	50.79	53.79	6,644.84
							Jul-16	50.79	53.79	6,644.84
							Oct-16	50.84	53.84	6,644.79
							Jan-17	50.67	53.67	6,644.96
							Apr-17	50.86	53.86	6,644.77
							Jul-17	50.92	53.92	6,644.71
							Oct-17	51.00	54.00	6,644.63
							Jan-18	51.06	54.06	6,644.57
							Apr-18	51.05	54.05	6,644.58
							Jul-18	51.14	54.14	6,644.49
							Oct-18	51.11	54.11	6,644.52
							Jan-19	51.17	54.17	6,644.46
							Apr-19	51.12	54.12	6,644.51
							Jul-19	51.86	54.86	6,643.77
							Sep-19	51.20	54.20	6,644.43
		3.11			6,696.21	6,699.32	Jan-20	51.26	54.37	6,644.95
							Apr-20	51.24	54.35	6,644.97
							Jul-20	51.30	54.41	6,644.91
							Oct-20	51.45	54.56	6,644.76
							Jan-21	51.45	54.56	6,644.76
							Apr-21	47.47	50.58	6,648.74
							Jul-21	51.57	54.68	6,644.64
							Sep-21	51.58	54.69	6,644.63
							Jan-22	51.65	54.76	6,644.56
							Apr-22	51.61	54.72	6,644.60
							Jul-22	51.69	54.80	6,644.52
							Sep-22	51.70	54.81	6,644.51
							Jan-23	51.90	55.01	6,644.31
							Apr-23	51.80	54.91	6,644.41
							Jul-23	51.97	55.08	6,644.24
							Sep-23	52.00	55.11	6,644.21
	Jan-24			52.53			55.64	6,643.68		
	Apr-24			52.04			55.15	6,644.17		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW44	Alluvial	2.50	43.5-63.5	64.0	6,694.81	6,697.31	Jul-14	50.22	52.72	6,644.59
							Oct-14	50.26	52.76	6,644.55
							Jan-15	50.12	52.62	6,644.69
							Mar-15	50.32	52.82	6,644.49
							Jul-15	50.28	52.78	6,644.53
							Oct-15	50.36	52.86	6,644.45
							Jan-16	50.16	52.66	6,644.65
							Apr-16	50.53	53.03	6,644.28
							Jul-16	50.46	52.96	6,644.35
							Oct-16	50.52	53.02	6,644.29
							Jan-17	50.18	52.68	6,644.63
							Apr-17	50.54	53.04	6,644.27
							Jul-17	50.62	53.12	6,644.19
							Oct-17	50.77	53.27	6,644.04
							Jan-18	50.67	53.17	6,644.14
							Apr-18	50.70	53.20	6,644.11
							Jul-18	50.78	53.28	6,644.03
							Oct-18	50.50	53.00	6,644.31
							Jan-19	50.88	53.38	6,643.93
							Apr-19	50.89	53.39	6,643.92
							Jul-19	50.97	53.47	6,643.84
							Sep-19	50.73	53.23	6,644.08
		2.50			6,695.49	6,697.99	Jan-20	50.94	53.44	6,644.55
							Apr-20	50.60	53.10	6,644.89
							Jul-20	50.93	53.43	6,644.56
							Oct-20	50.97	53.47	6,644.52
							Jan-21	51.24	53.74	6,644.25
							Apr-21	51.04	53.54	6,644.45
							Jul-21	51.22	53.72	6,644.27
							Sep-21	51.39	53.89	6,644.10
							Jan-22	51.48	53.98	6,644.01
							Apr-22	51.45	53.95	6,644.04
							Jul-22	51.32	53.82	6,644.17
							Sep-22	51.45	53.95	6,644.04
							Jan-23	51.49	53.99	6,644.00
							Apr-23	51.21	53.71	6,644.28
							Jul-23	51.57	54.07	6,643.92
							Sep-23	51.48	53.98	6,644.01
	Jan-24						51.68	54.18	6,643.81	
	Apr-24						51.48	53.98	6,644.01	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW45	Alluvial	2.50	38.5-58.5	59.0	6,686.50	6,689.00	Jul-14	44.93	47.43	6,641.57
							Oct-14	44.99	47.49	6,641.51
							Jan-15	44.81	47.31	6,641.69
							Mar-15	44.89	47.39	6,641.61
							Jul-15	44.73	47.23	6,641.77
							Oct-15	44.80	47.30	6,641.70
							Jan-16	44.55	47.05	6,641.95
							Apr-16	44.80	47.30	6,641.70
							Jul-16	44.85	47.35	6,641.65
							Oct-16	44.79	47.29	6,641.71
							Jan-17	44.38	46.88	6,642.12
							Apr-17	44.68	47.18	6,641.82
							Jul-17	44.71	47.21	6,641.79
							Oct-17	44.83	47.33	6,641.67
							Jan-18	44.77	47.27	6,641.73
							Apr-18	44.66	47.16	6,641.84
							Jul-18	44.68	47.18	6,641.82
							Oct-18	44.58	47.08	6,641.92
							Jan-19	44.91	47.41	6,641.59
							Apr-19	44.70	47.20	6,641.80
							Jul-19	44.75	47.25	6,641.75
							Sep-19	44.64	47.14	6,641.86
		2.46			6,687.14	6,689.60	Jan-20	44.70	47.16	6,642.44
							Apr-20	44.64	47.10	6,642.50
							Jul-20	44.77	47.23	6,642.37
							Oct-20	44.92	47.38	6,642.22
							Jan-21	45.00	47.46	6,642.14
							Apr-21	44.75	47.21	6,642.39
							Jul-21	44.95	47.41	6,642.19
							Oct-21	44.99	47.45	6,642.15
							Jan-22	45.06	47.52	6,642.08
							Apr-22	45.06	47.52	6,642.08
	Jul-22						44.93	47.39	6,642.21	
	Sep-22						45.04	47.50	6,642.10	
	Jan-23						44.89	47.35	6,642.25	
	Apr-23						44.59	47.05	6,642.55	
	Jul-23						44.99	47.45	6,642.15	
	Sep-23						44.97	47.43	6,642.17	
	Jan-24						44.98	47.44	6,642.16	
	Apr-24						44.92	47.38	6,642.22	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW46	Alluvial	2.29	38.5-58.5	59.0	6,678.69	6,680.98	Jul-14	41.88	44.17	6,636.81
							Oct-14	42.12	44.41	6,636.57
							Jan-15	41.81	44.10	6,636.88
							Mar-15	41.76	44.05	6,636.93
							Jul-15	41.81	44.10	6,636.88
							Oct-15	42.10	44.39	6,636.59
							Jan-16	41.89	44.18	6,636.80
							Apr-16	41.95	44.24	6,636.74
							Jul-16	42.30	44.59	6,636.39
							Oct-16	42.28	44.57	6,636.41
							Jan-17	42.27	44.56	6,636.42
							Apr-17	42.05	44.34	6,636.64
							Jul-17	42.19	44.48	6,636.50
							Oct-17	42.68	44.97	6,636.01
							Jan-18	42.57	44.86	6,636.12
							Apr-18	42.27	44.56	6,636.42
							Jul-18	42.70	44.99	6,635.99
							Oct-18	42.96	45.25	6,635.73
							Jan-19	43.02	45.31	6,635.67
							Apr-19	42.81	45.10	6,635.88
							Jul-19	42.87	45.16	6,635.82
							Sep-19	43.06	45.35	6,635.63
		1.94			6,679.41	6,681.34	Jan-20	43.23	45.17	6,636.17
							Apr-20	43.16	45.10	6,636.24
							Jul-20	43.66	45.60	6,635.74
							Oct-20	43.88	45.82	6,635.52
							Jan-21	48.00	49.94	6,631.40
							Apr-21	43.61	45.55	6,635.79
							Jul-21	44.10	46.04	6,635.30
							Sep-21	44.31	46.25	6,635.09
							Jan-22	44.10	46.04	6,635.30
							Apr-22	43.97	45.91	6,635.43
							Jul-22	44.06	46.00	6,635.34
							Sep-22	44.14	46.08	6,635.26
							Jan-23	44.14	46.08	6,635.26
							Apr-23	43.76	45.70	6,635.64
							Jul-23	44.06	46.00	6,635.34
							Sep-23	44.39	46.33	6,635.01
	Jan-24						44.35	46.29	6,635.05	
	Apr-24						44.08	46.02	6,635.32	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW47	Alluvial	2.56	82.5-102.5	103.0	6,699.32	6,701.88	Jul-14	43.84	46.40	6,655.48
							Oct-14	43.85	46.41	6,655.47
							Jan-15	43.77	46.33	6,655.55
							Mar-15	43.76	46.32	6,655.56
							Jul-15	44.03	46.59	6,655.29
							Oct-15	44.05	46.61	6,655.27
							Jan-16	44.01	46.57	6,655.31
							Apr-16	44.13	46.69	6,655.19
							Jul-16	44.28	46.84	6,655.04
							Oct-16	44.32	46.88	6,655.00
							Jan-17	44.23	46.79	6,655.09
							Apr-17	44.31	46.87	6,655.01
							Jul-17	44.52	47.08	6,654.80
							Oct-17	44.54	47.10	6,654.78
							Jan-18	44.64	47.20	6,654.68
							Apr-18	44.76	47.32	6,654.56
							Jul-18	44.79	47.35	6,654.53
							Oct-18	44.74	47.30	6,654.58
							Jan-19	44.78	47.34	6,654.54
							Apr-19	44.69	47.25	6,654.63
		Jul-19			44.93	47.49	6,654.39			
		Sep-19			44.96	47.52	6,654.36			
		2.60			6,699.87	6,702.47	Jan-20	44.95	47.55	6,654.92
							Apr-20	44.97	47.57	6,654.90
							Jul-20	45.17	47.77	6,654.70
							Oct-20	45.20	47.80	6,654.67
							Jan-21	45.32	47.92	6,654.55
							Apr-21	45.29	47.89	6,654.58
							Jul-21	45.46	48.06	6,654.41
							Sep-21	45.37	47.97	6,654.50
	Jan-22						45.37	47.97	6,654.50	
	Apr-22						45.43	48.03	6,654.44	
	Jul-22	45.59			48.19	6,654.28				
	Sep-22	45.65			48.25	6,654.22				
	Jan-23	45.59			48.19	6,654.28				
	Apr-23	45.62			48.22	6,654.25				
	Jul-23	46.00			48.60	6,653.87				
	Sep-23	46.05			48.65	6,653.82				
	Jan-24	45.95			48.55	6,653.92				
	Apr-24	45.92			48.52	6,653.95				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW54	Alluvial	2.46	21.4-41.4	41.4	6,708.77	6,711.23	Nov-19	Dry	Dry	Dry
							Apr-20	41.34	43.80	6,667.43
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Oct-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry
Jan-24	Dry	Dry	Dry							
Apr-24	Dry	Dry	Dry							
TMW56	Alluvial	2.88	30-50	50.0	6,705.44	6,708.32	Nov-19	49.42	52.30	6,656.02
							Apr-20	48.16	51.04	6,657.28
							Jul-20	48.55	51.43	6,656.89
							Oct-20	48.13	51.01	6,657.31
							Jan-21	47.63	50.51	6,657.81
							Apr-21	Dry	Dry	Dry
							Jul-21	47.03	49.91	6,658.41
							Sep-21	46.87	49.75	6,658.57
							Jan-22	46.67	49.55	6,658.77
							Apr-22	46.49	49.37	6,658.95
							Jul-22	46.36	49.24	6,659.08
							Sep-22	46.30	49.18	6,659.14
							Jan-23	49.34	52.22	6,656.10
							Apr-23	49.43	52.31	6,656.01
							Jul-23	46.08	48.96	6,659.36
							Sep-23	46.06	48.94	6,659.38
Jan-24	45.88	48.76	6,659.56							
Apr-24	46.02	48.90	6,659.42							
TMW57	Alluvial	2.43	60-70	70.0	6,710.76	6,713.19	Nov-19	63.60	66.03	6,647.16
							Apr-20	63.67	66.10	6,647.09
							Jul-20	63.80	66.23	6,646.96
							Oct-20	63.89	66.32	6,646.87
							Jan-21	63.98	66.41	6,646.78
							Apr-21	64.04	66.47	6,646.72
							Jul-21	64.37	66.80	6,646.39
							Oct-21	64.26	66.69	6,646.50
							Jan-22	64.32	66.75	6,646.44
							Apr-22	64.40	66.83	6,646.36
							Jul-22	64.48	66.91	6,646.28
							Sep-22	64.57	67.00	6,646.19
							Jan-23	64.70	67.13	6,646.06
							Apr-23	64.76	67.19	6,646.00
							Jul-23	64.85	67.28	6,645.91
							Sep-23	64.98	67.41	6,645.78
Jan-24	65.10	67.53	6,645.66							
Apr-24	65.20	67.63	6,645.56							

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW59	Alluvial	2.53	42-62	62.0	6,690.38	6,692.90	Nov-19	46.65	49.18	6,643.72
							Apr-20	46.57	49.10	6,643.80
							Jul-20	46.69	49.22	6,643.68
							Oct-20	46.80	49.33	6,643.57
							Jan-21	46.91	49.44	6,643.46
							Apr-21	46.75	49.28	6,643.62
							Jul-21	46.96	49.49	6,643.41
							Sep-21	46.94	49.47	6,643.43
							Jan-22	47.10	49.63	6,643.27
							Apr-22	47.03	49.56	6,643.34
							Jul-22	47.02	49.55	6,643.35
							Sep-22	47.08	49.61	6,643.29
							Jan-23	47.09	49.62	6,643.28
							Apr-23	47.00	49.53	6,643.37
							Jul-23	47.20	49.73	6,643.17
							Sep-23	47.17	49.70	6,643.20
TMW60	Alluvial	2.50	46-66	66.0	6,694.17	6,696.66	Jan-24	47.25	49.78	6,643.12
							Apr-24	47.26	49.79	6,643.11
							Nov-19	65.85	68.35	6,628.31
							Apr-20	65.78	68.28	6,628.38
							Jul-20	65.75	68.25	6,628.41
							Oct-20	65.78	68.28	6,628.38
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	65.27	67.77	6,628.89
							Apr-22	Dry	Dry	Dry
							Jul-22	65.00	67.50	6,629.16
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry
							Jan-24	Dry	Dry	Dry
							Apr-24	Dry	Dry	Dry

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW61	Alluvial	2.55	41-61	61.0	6,684.51	6,687.07	Nov-19	42.08	44.63	6,642.44
							Apr-20	41.86	44.41	6,642.66
							Jul-20	41.95	44.50	6,642.57
							Oct-20	42.15	44.70	6,642.37
							Jan-21	42.28	44.83	6,642.24
							Apr-21	41.96	44.51	6,642.56
							Jul-21	42.23	44.78	6,642.29
							Oct-21	42.23	44.78	6,642.29
							Jan-22	42.41	44.96	6,642.11
							Apr-22	42.34	44.89	6,642.18
							Jul-22	42.25	44.80	6,642.27
							Sep-22	42.36	44.91	6,642.16
							Jan-23	42.15	44.70	6,642.37
							Apr-23	41.89	44.44	6,642.63
							Jul-23	42.29	44.84	6,642.23
							Sep-23	42.30	44.85	6,642.22
TMW62	Alluvial	2.56	40-60	60.0	6,691.39	6,693.95	Jan-24	42.27	44.82	6,642.25
							Apr-24	42.17	44.72	6,642.35
							Nov-19	47.70	50.26	6,643.69
							Apr-20	47.74	50.30	6,643.65
							Jul-20	47.74	50.30	6,643.65
							Oct-20	47.83	50.39	6,643.56
							Jan-21	47.94	50.50	6,643.45
							Apr-21	47.87	50.43	6,643.52
							Jul-21	47.99	50.55	6,643.40
							Sep-21	48.05	50.61	6,643.34
							Jan-22	48.13	50.69	6,643.26
							Apr-22	48.13	50.69	6,643.26
							Jul-22	48.15	50.71	6,643.24
							Sep-22	48.18	50.74	6,643.21
							Jan-23	48.30	50.86	6,643.09
							Apr-23	48.28	50.84	6,643.11
							Jul-23	48.33	50.89	6,643.06
							Sep-23	48.38	50.94	6,643.01
							Jan-24	48.44	51.00	6,642.95
							Apr-24	48.48	51.04	6,642.91

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ01	Alluvial	2.58	25.7-45.7	43.1	6,674.71	6,677.29	Jul-14	24.54	27.12	6,650.17
							Oct-14	24.32	26.90	6,650.39
							Jan-15	24.06	26.64	6,650.65
							Mar-15	24.22	26.80	6,650.49
							Jul-15	24.22	26.80	6,650.49
							Oct-15	24.34	26.92	6,650.37
							Jan-16	24.32	26.90	6,650.39
							Apr-16	24.66	27.24	6,650.05
							Jul-16	24.71	27.29	6,650.00
							Oct-16	25.02	27.60	6,649.69
							Jan-17	24.79	27.37	6,649.92
							Apr-17	25.03	27.61	6,649.68
							Jul-17	25.22	27.80	6,649.49
							Oct-17	25.45	28.03	6,649.26
							Jan-18	25.44	28.02	6,649.27
							Apr-18	25.50	28.08	6,649.21
							Jul-18	25.59	28.17	6,649.12
							Oct-18	25.53	28.11	6,649.18
							Jan-19	25.90	28.48	6,648.81
							Apr-19	25.97	28.55	6,648.74
							Jul-19	26.10	28.68	6,648.61
							Sep-19	25.85	28.43	6,648.86
		2.57			6,675.61	6,678.18	Jan-20	26.11	28.68	6,649.50
							Apr-20	26.13	28.70	6,649.48
							Jul-20	26.15	28.72	6,649.46
							Oct-20	26.39	28.96	6,649.22
							Jan-21	26.49	29.06	6,649.12
							Apr-21	26.44	29.01	6,649.17
							Jul-21	26.59	29.16	6,649.02
							Oct-21	27.04	29.61	6,648.57
							Jan-22	27.04	29.61	6,648.57
							Apr-22	27.05	29.62	6,648.56
							Jul-22	27.23	29.80	6,648.38
							Sep-22	27.24	29.81	6,648.37
							Jan-23	27.14	29.71	6,648.47
							Apr-23	26.90	29.47	6,648.71
							Jul-23	27.18	29.75	6,648.43
							Sep-23	27.21	29.78	6,648.40
	Jan-24						27.36	29.93	6,648.25	
	Apr-24						27.29	29.86	6,648.32	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)			
PZ02	Alluvial	2.45	32.7-53.7	50.7	6,672.50	6,674.95	Jul-14	20.77	23.22	6,651.73			
							Oct-14	20.81	23.26	6,651.69			
							Jan-15	20.86	23.31	6,651.64			
							Mar-15	20.80	23.25	6,651.70			
							Jul-15	20.83	23.28	6,651.67			
							Oct-15	21.21	23.66	6,651.29			
							Jan-16	21.12	23.57	6,651.38			
							Apr-16	21.25	23.70	6,651.25			
							Jul-16	21.25	23.70	6,651.25			
							Oct-16	21.82	24.27	6,650.68			
							Jan-17	21.39	23.84	6,651.11			
							Apr-17	21.57	24.02	6,650.93			
							Jul-17	21.76	24.21	6,650.74			
							Oct-17	22.15	24.60	6,650.35			
							Jan-18	21.96	24.41	6,650.54			
							Apr-18	21.98	24.43	6,650.52			
							Jul-18	22.24	24.69	6,650.26			
							Oct-18	22.21	24.66	6,650.29			
							Jan-19	22.53	24.98	6,649.97			
							Apr-19	22.51	24.96	6,649.99			
							Jul-19	22.36	24.81	6,650.14			
							Sep-19	22.40	24.85	6,650.10			
							2.41	6,673.57	6,675.99	Jan-20	22.64	25.05	6,650.94
										Apr-20	22.54	24.95	6,651.04
										Jul-20	22.87	25.28	6,650.71
										Oct-20	23.20	25.61	6,650.38
										Jan-21	23.38	25.79	6,650.20
										Apr-21	23.07	25.48	6,650.51
										Jul-21	23.45	25.86	6,650.13
										Oct-21	23.42	25.83	6,650.16
	Jan-22	23.80			26.21	6,649.78							
	Apr-22	23.70			26.11	6,649.88							
	Jul-22	23.91			26.32	6,649.67							
	Sep-22	23.96			26.37	6,649.62							
	Jan-23	23.60			26.01	6,649.98							
	Apr-23	23.25			25.66	6,650.33							
	Jul-23	23.47			25.88	6,650.11							
	Sep-23	23.70			26.11	6,649.88							
	Jan-24	23.74			26.15	6,649.84							
	Apr-24	23.65			26.06	6,649.93							

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ03	Alluvial	2.58	29.3-49.3	46.9	6,676.86	6,679.44	Jul-14	23.84	26.42	6,653.02
							Oct-14	23.70	26.28	6,653.16
							Jan-15	23.62	26.20	6,653.24
							Mar-15	23.62	26.20	6,653.24
							Jul-15	23.55	26.13	6,653.31
							Oct-15	23.90	26.48	6,652.96
							Jan-16	24.03	26.61	6,652.83
							Apr-16	23.86	26.44	6,653.00
							Jul-16	24.00	26.58	6,652.86
							Oct-16	24.44	27.02	6,652.42
							Jan-17	24.07	26.65	6,652.79
							Apr-17	24.05	26.63	6,652.81
							Jul-17	24.28	26.86	6,652.58
							Oct-17	24.02	26.60	6,652.84
							Jan-18	24.17	26.75	6,652.69
							Apr-18	25.03	27.61	6,651.83
							Jul-18	24.16	26.74	6,652.70
							Oct-18	24.17	26.75	6,652.69
							Jan-19	24.49	27.07	6,652.37
							Apr-19	24.30	26.88	6,652.56
							Jul-19	26.58	29.16	6,650.28
							Sep-19	26.24	28.82	6,650.62
		2.54			6,677.91	6,680.45	Jan-20	24.51	27.05	6,653.40
							Apr-20	24.40	26.94	6,653.51
							Jul-20	26.27	28.81	6,651.64
							Oct-20	25.04	27.58	6,652.87
							Jan-21	25.22	27.76	6,652.69
							Apr-21	24.86	27.40	6,653.05
							Jul-21	25.30	27.84	6,652.61
							Oct-21	25.54	28.08	6,652.37
							Jan-22	25.53	28.07	6,652.38
							Apr-22	25.37	27.91	6,652.54
							Jul-22	25.31	27.85	6,652.60
							Sep-22	25.61	28.15	6,652.30
							Jan-23	25.26	27.80	6,652.65
							Apr-23	24.84	27.38	6,653.07
							Jul-23	25.06	27.60	6,652.85
							Sep-23	25.29	27.83	6,652.62
	Jan-24			25.40			27.94	6,652.51		
	Apr-24			25.21			27.75	6,652.70		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ04	Alluvial	2.51	29.3-49.3	47.0	6,674.17	6,676.68	Jul-14	25.89	28.40	6,648.28
							Oct-14	25.51	28.02	6,648.66
							Jan-15	25.64	28.15	6,648.53
							Mar-15	25.73	28.24	6,648.44
							Jul-15	25.75	28.26	6,648.42
							Oct-15	25.94	28.45	6,648.23
							Jan-16	25.89	28.40	6,648.28
							Apr-16	26.19	28.70	6,647.98
							Jul-16	26.19	28.70	6,647.98
							Oct-16	26.56	29.07	6,647.61
							Jan-17	NM	NM	NM
							Apr-17	26.52	29.03	6,647.65
							Jul-17	26.74	29.25	6,647.43
							Oct-17	27.19	29.70	6,646.98
							Jan-18	26.87	29.38	6,647.30
							Apr-18	28.53	31.04	6,645.64
							Jul-18	29.52	32.03	6,644.65
							Oct-18	30.29	32.80	6,643.88
							Jan-19	27.92	30.43	6,646.25
							Apr-19	29.80	32.31	6,644.37
							Jul-19	31.94	34.45	6,642.23
							Sep-19	30.67	33.18	6,643.50
		Jan-20			27.57	30.11	6,647.69			
		Apr-20			29.51	32.05	6,645.75			
		Jul-20			28.09	30.63	6,647.17			
		Oct-20			27.88	30.42	6,647.38			
		Jan-21			28.20	30.74	6,647.06			
		Apr-21			27.86	30.40	6,647.40			
		Jul-21			28.28	30.82	6,646.98			
		Oct-21			28.10	30.64	6,647.16			
		Jan-22			28.50	31.04	6,646.76			
		Apr-22			28.33	30.87	6,646.93			
		Jul-22			28.16	30.70	6,647.10			
		Sep-22			28.36	30.90	6,646.90			
		Jan-23			28.11	30.65	6,647.15			
		Apr-23			27.78	30.32	6,647.48			
		Jul-23			28.02	30.56	6,647.24			
		Sep-23			28.32	30.86	6,646.94			
	Jan-24	28.22			30.76	6,647.04				
	Apr-24	28.08			30.62	6,647.18				
		2.54			6,675.26	6,677.80				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ05	Alluvial	2.62	28.7-48.7	46.3	6,671.53	6,674.15	Jul-14	18.43	21.05	6,653.10
							Oct-14	17.99	20.61	6,653.54
							Jan-15	17.80	20.42	6,653.73
							Mar-15	17.65	20.27	6,653.88
							Jul-15	18.14	20.76	6,653.39
							Oct-15	18.79	21.41	6,652.74
							Jan-16	18.09	20.71	6,653.44
							Apr-16	18.08	20.70	6,653.45
							Jul-16	18.91	21.53	6,652.62
							Oct-16	19.44	22.06	6,652.09
							Jan-17	18.38	21.00	6,653.15
							Apr-17	18.35	20.97	6,653.18
							Jul-17	19.07	21.69	6,652.46
							Oct-17	19.87	22.49	6,651.66
							Jan-18	18.92	21.54	6,652.61
							Apr-18	18.56	21.18	6,652.97
							Jul-18	19.61	22.23	6,651.92
							Oct-18	19.82	22.44	6,651.71
							Jan-19	19.13	21.75	6,652.40
							Apr-19	19.12	21.74	6,652.41
							Jul-19	19.43	22.05	6,652.10
							Sep-19	19.96	22.58	6,651.57
		2.67			6,672.50	6,675.17	Jan-20	19.34	22.01	6,653.16
							Apr-20	18.91	21.58	6,653.59
							Jul-20	20.13	22.80	6,652.37
							Oct-20	20.73	23.40	6,651.77
							Jan-21	20.22	22.89	6,652.28
							Apr-21	19.72	22.39	6,652.78
							Jul-21	20.76	23.43	6,651.74
							Oct-21	24.68	27.35	6,647.82
							Jan-22	20.43	23.10	6,652.07
							Apr-22	20.05	22.72	6,652.45
							Jul-22	20.69	23.36	6,651.81
							Sep-22	20.70	23.37	6,651.80
							Jan-23	20.01	22.68	6,652.49
							Apr-23	19.26	21.93	6,653.24
							Jul-23	19.75	22.42	6,652.75
							Sep-23	20.59	23.26	6,651.91
							Jan-24	19.85	22.52	6,652.65
							Apr-24	19.54	22.21	6,652.96

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ06	Alluvial	2.75	29.2-49.2	46.7	6,673.29	6,676.04	Jul-14	17.95	20.70	6,655.34
							Oct-14	16.41	19.16	6,656.88
							Jan-15	16.01	18.76	6,657.28
							Mar-15	15.71	18.46	6,657.58
							Jul-15	17.27	20.02	6,656.02
							Oct-15	17.65	20.40	6,655.64
							Jan-16	16.41	19.16	6,656.88
							Apr-16	16.20	18.95	6,657.09
							Jul-16	18.00	20.75	6,655.29
							Oct-16	18.38	21.13	6,654.91
							Jan-17	16.68	19.43	6,656.61
							Apr-17	16.23	18.98	6,657.06
							Jul-17	18.39	21.14	6,654.90
							Oct-17	18.65	21.40	6,654.64
							Jan-18	17.08	19.83	6,656.21
							Apr-18	16.54	19.29	6,656.75
							Jul-18	19.03	21.78	6,654.26
							Oct-18	18.96	21.71	6,654.33
							Jan-19	17.31	20.06	6,655.98
							Apr-19	16.89	19.64	6,656.40
							Jul-19	19.06	21.81	6,654.23
							Sep-19	19.63	22.38	6,653.66
		2.73			6,674.47	6,677.19	Jan-20	17.70	20.43	6,656.76
							Apr-20	17.02	19.75	6,657.44
							Jul-20	19.92	22.65	6,654.54
							Oct-20	20.45	23.18	6,654.01
							Jan-21	18.48	21.21	6,655.98
							Apr-21	17.76	20.49	6,656.70
							Jul-21	20.39	23.12	6,654.07
							Oct-21	20.58	23.31	6,653.88
							Jan-22	18.59	21.32	6,655.87
							Apr-22	18.02	20.75	6,656.44
							Jul-22	20.07	22.80	6,654.39
							Sep-22	20.04	22.77	6,654.42
							Jan-23	18.02	20.75	6,656.44
							Apr-23	16.99	19.72	6,657.47
							Jul-23	19.16	21.89	6,655.30
							Sep-23	20.46	23.19	6,654.00
							Jan-24	18.37	21.10	6,656.09
							Apr-24	17.77	20.50	6,656.69

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ07	Alluvial	2.15	12.8-32.8	30.5	6,682.38	6,684.53	Jul-14	14.01	16.16	6,668.37
							Oct-14	9.87	12.02	6,672.51
							Jan-15	12.85	15.00	6,669.53
							Mar-15	11.99	14.14	6,670.39
							Jul-15	13.30	15.45	6,669.08
							Oct-15	14.15	16.30	6,668.23
							Jan-16	13.68	15.83	6,668.70
							Apr-16	13.56	15.71	6,668.82
							Jul-16	13.42	15.57	6,668.96
							Oct-16	13.84	15.99	6,668.54
							Jan-17	8.19	10.34	6,674.19
							Apr-17	9.68	11.83	6,672.70
							Jul-17	12.31	14.46	6,670.07
							Oct-17	14.06	16.21	6,668.32
							Jan-18	14.72	16.87	6,667.66
							Apr-18	14.66	16.81	6,667.72
							Jul-18	15.46	17.61	6,666.92
							Oct-18	15.54	17.69	6,666.84
							Jan-19	15.23	17.38	6,667.15
							Apr-19	7.04	9.19	6,675.34
		Jul-19			11.57	13.72	6,670.81			
		Sep-19			14.59	16.74	6,667.79			
		Jan-20			14.70	17.16	6,668.54			
		Apr-20			14.55	17.01	6,668.69			
		Jul-20			15.66	18.12	6,667.58			
		Oct-20			16.30	18.76	6,666.94			
		Jan-21			16.01	18.47	6,667.23			
		Apr-21			15.72	18.18	6,667.52			
		Jul-21			16.75	19.21	6,666.49			
		Oct-21			16.85	19.31	6,666.39			
		Jan-22			15.99	18.45	6,667.25			
		Apr-22			15.51	17.97	6,667.73			
	Jul-22	16.50			18.96	6,666.74				
	Sep-22	16.39			18.85	6,666.85				
	Jan-23	15.46			17.92	6,667.78				
	Apr-23	2.91			5.37	6,680.33				
	Jul-23	10.38			12.84	6,672.86				
	Sep-23	14.68			17.14	6,668.56				
	Jan-24	15.35			17.81	6,667.89				
	Apr-24	12.08			14.54	6,671.16				
		2.46			6,683.24	6,685.70				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ08	Alluvial	2.70	29-49	46.6	6,684.11	6,686.81	Jul-14	17.16	19.86	6,666.95
							Oct-14	12.40	15.10	6,671.71
							Jan-15	15.55	18.25	6,668.56
							Mar-15	14.44	17.14	6,669.67
							Jul-15	16.18	18.88	6,667.93
							Oct-15	16.92	19.62	6,667.19
							Jan-16	16.39	19.09	6,667.72
							Apr-16	16.36	19.06	6,667.75
							Jul-16	16.33	19.03	6,667.78
							Oct-16	16.79	19.49	6,667.32
							Jan-17	17.08	19.78	6,667.03
							Apr-17	11.79	14.49	6,672.32
							Jul-17	15.31	18.01	6,668.80
							Oct-17	17.10	19.80	6,667.01
							Jan-18	17.62	20.32	6,666.49
							Apr-18	17.47	20.17	6,666.64
							Jul-18	18.56	21.26	6,665.55
							Oct-18	18.58	21.28	6,665.53
							Jan-19	18.12	20.82	6,665.99
							Apr-19	9.74	12.44	6,674.37
							Jul-19	14.88	17.58	6,669.23
							Sep-19	17.98	20.68	6,666.13
		Jan-20			17.64	20.55	6,667.38			
		Apr-20			17.39	20.30	6,667.63			
		Jul-20			18.90	21.81	6,666.12			
		Oct-20			19.48	22.39	6,665.54			
		Jan-21			19.04	21.95	6,665.98			
		Apr-21			18.60	21.51	6,666.42			
		Jul-21			19.94	22.85	6,665.08			
		Oct-21			19.88	22.79	6,665.14			
		Jan-22			18.92	21.83	6,666.10			
		Apr-22			18.40	21.31	6,666.62			
		Jul-22			19.54	22.45	6,665.48			
		Sep-22			19.50	22.41	6,665.52			
		Jan-23			18.45	21.36	6,666.57			
		Apr-23			6.07	8.98	6,678.95			
		Jul-23			14.15	17.06	6,670.87			
		Sep-23			18.17	21.08	6,666.85			
	Jan-24	18.41		21.32	6,666.61					
	Apr-24	13.20		16.11	6,671.82					
		2.91			6,685.03	6,687.93				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ09	Alluvial	2.49	20.6-35.6	33.5	6,651.12	6,653.61	Jul-14	13.88	16.37	6,637.24
							Oct-14	12.85	15.34	6,638.27
							Jan-15	12.90	15.39	6,638.22
							Mar-15	12.43	14.92	6,638.69
							Jul-15	13.13	15.62	6,637.99
							Oct-15	13.73	16.22	6,637.39
							Jan-16	12.90	15.39	6,638.22
							Apr-16	12.86	15.35	6,638.26
							Jul-16	13.74	16.23	6,637.38
							Oct-16	14.33	16.82	6,636.79
							Jan-17	13.38	15.87	6,637.74
							Apr-17	12.77	15.26	6,638.35
							Jul-17	13.97	16.46	6,637.15
							Oct-17	14.72	17.21	6,636.40
							Jan-18	13.95	16.44	6,637.17
							Apr-18	13.37	15.86	6,637.75
							Jul-18	14.69	17.18	6,636.43
							Oct-18	15.03	17.52	6,636.09
							Jan-19	14.46	16.95	6,636.66
							Apr-19	13.64	16.13	6,637.48
							Jul-19	13.60	16.09	6,637.52
							Sep-19	15.11	17.60	6,636.01
		Jan-20			14.79	17.09	6,637.57			
		Apr-20			14.22	16.52	6,638.14			
		Jul-20			15.58	17.88	6,636.78			
		Oct-20			16.13	18.43	6,636.23			
		Jan-21			15.55	17.85	6,636.81			
		Apr-21			15.02	17.32	6,637.34			
		Jul-21			16.19	18.49	6,636.17			
		Oct-21			16.39	18.69	6,635.97			
		Jan-22			15.80	18.10	6,636.56			
		Apr-22			15.31	17.61	6,637.05			
		Jul-22			16.03	18.33	6,636.33			
		Sep-22			16.20	18.50	6,636.16			
		Jan-23			15.17	17.47	6,637.19			
		Apr-23			14.15	16.45	6,638.21			
		Jul-23			15.06	17.36	6,637.30			
		Sep-23			15.89	18.19	6,636.47			
	Jan-24	16.40		18.70	6,635.96					
	Apr-24	14.81		17.11	6,637.55					
		2.30			6,652.37	6,654.66				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ10	Alluvial	2.44	33.5-48.5	46.3	6,654.83	6,657.27	Jul-14	17.79	20.23	6,637.04
							Oct-14	16.75	19.19	6,638.08
							Jan-15	16.77	19.21	6,638.06
							Mar-15	16.32	18.76	6,638.51
							Jul-15	17.05	19.49	6,637.78
							Oct-15	17.59	20.03	6,637.24
							Jan-16	16.74	19.18	6,638.09
							Apr-16	16.70	19.14	6,638.13
							Jul-16	17.66	20.10	6,637.17
							Oct-16	18.20	20.64	6,636.63
							Jan-17	17.23	19.67	6,637.60
							Apr-17	16.62	19.06	6,638.21
							Jul-17	17.90	20.34	6,636.93
							Oct-17	18.59	21.03	6,636.24
							Jan-18	17.76	20.20	6,637.07
							Apr-18	17.22	19.66	6,637.61
							Jul-18	18.59	21.03	6,636.24
							Oct-18	18.91	21.35	6,635.92
							Jan-19	18.28	20.72	6,636.55
							Apr-19	17.51	19.95	6,637.32
							Jul-19	18.34	20.78	6,636.49
							Sep-19	18.99	21.43	6,635.84
		2.39	33.5-48.5	46.3	6,655.92	6,658.31	Jan-20	18.49	20.88	6,637.43
							Apr-20	17.91	20.30	6,638.01
							Jul-20	19.34	21.73	6,636.58
							Oct-20	19.84	22.23	6,636.08
							Jan-21	19.29	21.68	6,636.63
							Apr-21	18.74	21.13	6,637.18
							Jul-21	19.90	22.29	6,636.02
							Oct-21	20.98	23.37	6,634.94
							Jan-22	19.43	21.82	6,636.49
							Apr-22	18.97	21.36	6,636.95
							Jul-22	19.89	22.28	6,636.03
							Sep-22	19.92	22.31	6,636.00
							Jan-23	18.89	21.28	6,637.03
							Apr-23	17.91	20.30	6,638.01
							Jul-23	18.78	21.17	6,637.14
							Sep-23	19.63	22.02	6,636.29
							Jan-24	19.09	21.48	6,636.83
							Apr-24	18.46	20.85	6,637.46

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
Bedrock Wells										
BGMW07	Bedrock	0.00	215.0-255.0	256.0	6,691.63	6,691.63	Apr-18	36.01	36.01	6,655.62
							Jul-18	18.02	18.02	6,673.61
							Oct-18	17.57	17.57	6,674.06
							Jan-19	17.77	17.77	6,673.86
							Apr-19	17.48	17.48	6,674.15
							Jul-19	18.06	18.06	6,673.57
							Sep-19	17.98	17.98	6,673.65
		2.25			6,689.77	6,692.03	Jan-20	15.47	17.72	6,674.31
							Apr-20	15.24	17.49	6,674.54
							Jul-20	15.65	17.90	6,674.13
							Oct-20	15.52	17.77	6,674.26
							Jan-21	15.90	18.15	6,673.88
							Apr-21	15.58	17.83	6,674.20
							Jul-21	15.90	18.15	6,673.88
							Oct-21	15.57	17.82	6,674.21
							Jan-22	16.58	18.83	6,673.20
							Apr-22	15.47	17.72	6,674.31
							Jul-22	15.83	18.08	6,673.95
							Sep-22	15.61	17.86	6,674.17
							Jan-23	15.56	17.81	6,674.22
							Apr-23	15.43	17.68	6,674.35
							Jul-23	16.06	18.31	6,673.72
							Sep-23	15.92	18.17	6,673.86
							Jan-24	15.80	18.05	6,673.98
							BGMW08	Bedrock	0.00	165.0-185.0
Jul-18	170.16	170.16	6,514.86							
Oct-18	168.64	168.64	6,516.38							
Jan-19	23.46	23.46	6,661.56							
Apr-19	145.77	145.77	6,539.25							
Jul-19	167.55	167.55	6,517.47							
Sep-19	146.02	146.02	6,539.00							
1.71	6,681.72	6,683.42	Jan-20	157.74	159.45	6,523.97				
			Apr-20	124.39	126.10	6,557.32				
			Jul-20	161.49	163.20	6,520.22				
			Oct-20	137.70	139.41	6,544.01				
			Jan-21	164.84	166.55	6,516.87				
			Apr-21	133.91	135.62	6,547.80				
			Jul-21	164.08	165.79	6,517.63				
			Oct-21	137.75	139.46	6,543.96				
			Jan-22	165.24	166.95	6,516.47				
			Apr-22	135.95	137.66	6,545.76				
			Jul-22	165.53	167.24	6,516.18				
			Sep-22	140.10	141.81	6,541.61				
			Jan-23	160.72	162.43	6,520.99				
			Apr-23	132.75	134.46	6,548.96				
			Jul-23	163.99	165.70	6,517.72				
			Sep-23	135.64	137.35	6,546.07				
			Jan-24	161.49	163.20	6,520.22				
			Apr-24	133.84	135.55	6,547.87				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)		
BGMW09	Bedrock	0.00	106.0-136.0	135.8	6,692.27	6,692.27	Apr-18	115.19	115.19	6,577.08		
							Jul-18	53.84	53.84	6,638.43		
							Jul-18	47.24	47.24	6,645.03		
							Jan-19	49.37	49.37	6,642.90		
							Apr-19	46.88	46.88	6,645.39		
							Jul-19	48.57	48.57	6,643.70		
		Sep-19			47.10	47.10	6,645.17					
		2.18			6,689.83	6,692.01	Jan-20	45.64	47.82	6,644.19		
							Apr-20	44.59	46.77	6,645.24		
							Jul-20	46.34	48.52	6,643.49		
							Oct-20	45.00	47.18	6,644.83		
							Jan-21	46.01	48.19	6,643.82		
							Apr-21	44.80	46.98	6,645.03		
							Jul-21	47.63	49.81	6,642.20		
							Oct-21	45.21	47.39	6,644.62		
							Jan-22	46.17	48.35	6,643.66		
							Apr-22	44.82	47.00	6,645.01		
							Jul-22	47.00	49.18	6,642.83		
							Sep-22	45.21	47.39	6,644.62		
							Jan-23	45.31	47.49	6,644.52		
							Apr-23	44.78	46.96	6,645.05		
							Jul-23	47.04	49.22	6,642.79		
							Sep-23	45.45	47.63	6,644.38		
							Jan-24	45.58	47.76	6,644.25		
							Apr-24	45.07	47.25	6,644.76		
BGMW10	Bedrock						0.00	106.0-136.0	136.7	6,701.49	6,701.49	Apr-18
		Jul-18	30.69	30.69	6,670.80							
		Oct-18	30.79	30.79	6,670.70							
		Jan-19	31.07	31.07	6,670.42							
		Apr-19	31.15	31.15	6,670.34							
		Jul-19	31.42	31.42	6,670.07							
		Sep-19	31.58	31.58	6,669.91							
		2.33			6,699.50	6,701.83	Jan-20			29.46	31.79	6,670.04
							Apr-20			29.62	31.95	6,669.88
							Jul-20			29.87	32.20	6,669.63
							Oct-20			30.03	32.36	6,669.47
							Jan-21			30.32	32.65	6,669.18
							Apr-21			30.34	32.67	6,669.16
							Jul-21			30.67	33.00	6,668.83
							Sep-21			30.73	33.06	6,668.77
							Jan-22			30.93	33.26	6,668.57
							Apr-22			31.05	33.38	6,668.45
							Jul-22			31.30	33.63	6,668.20
							Sep-22			31.39	33.72	6,668.11
							Jan-23			31.50	33.83	6,668.00
							Apr-23			31.48	33.81	6,668.02
							Jul-23			31.90	34.23	6,667.60
							Sep-23			32.03	34.36	6,667.47
							Jan-24			32.13	34.46	6,667.37
							Apr-24			32.16	34.49	6,667.34

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW14A	Bedrock	2.46	94.25-109.25	110.0	6,721.08	6,723.54	Jul-14	62.41	64.87	6,658.67
							Oct-14	62.48	64.94	6,658.60
							Jan-15	62.61	65.07	6,658.47
							Mar-15	62.54	65.00	6,658.54
							Jul-15	62.68	65.14	6,658.40
							Oct-15	62.71	65.17	6,658.37
							Jan-16	62.73	65.19	6,658.35
							Apr-16	62.74	65.20	6,658.34
							Jul-16	63.05	65.51	6,658.03
							Oct-16	63.04	65.50	6,658.04
							Jan-17	63.22	65.68	6,657.86
							Apr-17	63.53	65.99	6,657.55
							Jul-17	63.31	65.77	6,657.77
							Oct-17	63.49	65.95	6,657.59
							Jan-18	63.85	66.31	6,657.23
							Apr-18	64.01	66.47	6,657.07
							Jul-18	64.22	66.68	6,656.86
							Oct-18	63.96	66.42	6,657.12
							Jan-19	64.32	66.78	6,656.76
							Apr-19	64.32	66.78	6,656.76
							Jul-19	65.52	67.98	6,655.56
							Sep-19	64.39	66.85	6,656.69
		2.20	94.25-109.25	110.0	6,722.53	6,724.73	Jan-20	64.89	67.09	6,657.64
							Apr-20	65.11	67.31	6,657.42
							Jul-20	65.15	67.35	6,657.38
							Oct-20	65.24	67.44	6,657.29
							Jan-21	65.26	67.46	6,657.27
							Apr-21	65.29	67.49	6,657.24
							Jul-21	65.36	67.56	6,657.17
							Oct-21	65.37	67.57	6,657.16
							Jan-22	65.39	67.59	6,657.14
							Apr-22	65.39	67.59	6,657.14
							Jul-22	65.85	68.05	6,656.68
							Sep-22	65.86	68.06	6,656.67
							Jan-23	66.07	68.27	6,656.46
							Apr-23	65.92	68.12	6,656.61
							Jul-23	66.20	68.40	6,656.33
							Sep-23	66.33	68.53	6,656.20
							Jan-24	66.36	68.56	6,656.17
							Apr-24	66.31	68.51	6,656.22

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW16	Bedrock	2.50	123.0-138.0	142.0	6,711.65	6,714.15	Jul-14	54.08	56.58	6,657.57
							Oct-14	54.16	56.66	6,657.49
							Jan-15	54.18	56.68	6,657.47
							Mar-15	54.24	56.74	6,657.41
							Jul-15	54.27	56.77	6,657.38
							Oct-15	54.53	57.03	6,657.12
							Jan-16	54.54	57.04	6,657.11
							Apr-16	54.71	57.21	6,656.94
							Jul-16	54.89	57.39	6,656.76
							Oct-16	55.06	57.56	6,656.59
							Jan-17	54.92	57.42	6,656.73
							Apr-17	55.05	57.55	6,656.60
							Jul-17	55.25	57.75	6,656.40
							Oct-17	55.60	58.10	6,656.05
							Jan-18	55.70	58.20	6,655.95
							Apr-18	55.75	58.25	6,655.90
							Jul-18	56.32	58.82	6,655.33
							Oct-18	55.85	58.35	6,655.80
							Jan-19	55.42	57.92	6,656.23
							Apr-19	56.11	58.61	6,655.54
							Jul-19	55.96	58.46	6,655.69
							Sep-19	53.25	55.75	6,658.40
		2.48			6,712.72	6,715.21	Jan-20	56.28	58.76	6,656.45
							Apr-20	56.30	58.78	6,656.43
							Jul-20	56.70	59.18	6,656.03
							Oct-20	56.57	59.05	6,656.16
							Jan-21	57.06	59.54	6,655.67
							Apr-21	56.93	59.41	6,655.80
							Jul-21	57.10	59.58	6,655.63
							Oct-21	57.02	59.50	6,655.71
							Jan-22	57.06	59.54	6,655.67
							Apr-22	57.19	59.67	6,655.54
							Jul-22	57.51	59.99	6,655.22
							Sep-22	57.50	59.98	6,655.23
							Jan-23	57.93	60.41	6,654.80
							Apr-23	57.43	59.91	6,655.30
							Jul-23	57.79	60.27	6,654.94
							Sep-23	57.84	60.32	6,654.89
							Jan-24	57.76	60.24	6,654.97
							Apr-24	57.94	60.42	6,654.79

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW17	Bedrock	2.49	112.0-127.0	152.0	6,717.40	6,719.89	Jul-14	60.73	63.22	6,656.67
							Oct-14	60.84	63.33	6,656.56
							Jan-15	60.83	63.32	6,656.57
							Mar-15	60.94	63.43	6,656.46
							Jul-15	61.16	63.65	6,656.24
							Oct-15	61.21	63.70	6,656.19
							Jan-16	61.20	63.69	6,656.20
							Apr-16	61.41	63.90	6,655.99
							Jul-16	61.54	64.03	6,655.86
							Oct-16	61.65	64.14	6,655.75
							Jan-17	61.72	64.21	6,655.68
							Apr-17	61.70	64.19	6,655.70
							Jul-17	62.50	64.99	6,654.90
							Oct-17	62.51	65.00	6,654.89
							Jan-18	62.64	65.13	6,654.76
							Apr-18	62.62	65.11	6,654.78
							Jul-18	62.63	65.12	6,654.77
							Oct-18	62.61	65.10	6,654.79
							Jan-19	62.61	65.10	6,654.79
							Apr-19	62.63	65.12	6,654.77
							Jul-19	62.70	65.19	6,654.70
							Sep-19	62.68	65.17	6,654.72
		Jan-20			62.66	65.21	6,655.86			
		Apr-20			62.70	65.25	6,655.82			
		Jul-20			62.73	65.28	6,655.79			
		Oct-20			62.73	65.28	6,655.79			
		Jan-21			62.80	65.35	6,655.72			
		Apr-21			62.83	65.38	6,655.69			
		Jul-21			63.06	65.61	6,655.46			
		Oct-21			63.05	65.60	6,655.47			
		Jan-22			63.14	65.69	6,655.38			
		Apr-22			63.17	65.72	6,655.35			
		Jul-22			63.18	65.73	6,655.34			
		Sep-22			63.19	65.74	6,655.33			
		Jan-23			63.29	65.84	6,655.23			
		Apr-23			63.28	65.83	6,655.24			
		Jul-23			63.30	65.85	6,655.22			
		Sep-23			63.32	65.87	6,655.20			
	Jan-24	63.36			65.91	6,655.16				
	Apr-24	63.40			65.95	6,655.12				
		2.55			6,718.53	6,721.07				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW18	Bedrock	3.35	150.0-160.0	220.0	6,710.14	6,713.49	Jul-14	52.09	55.44	6,658.05
							Oct-14	52.18	55.53	6,657.96
							Jan-15	52.21	55.56	6,657.93
							Mar-15	52.20	55.55	6,657.94
							Jul-15	52.45	55.80	6,657.69
							Oct-15	52.50	55.85	6,657.64
							Jan-16	52.52	55.87	6,657.62
							Apr-16	52.67	56.02	6,657.47
							Jul-16	52.85	56.20	6,657.29
							Oct-16	52.95	56.30	6,657.19
							Jan-17	52.94	56.29	6,657.20
							Apr-17	52.99	56.34	6,657.15
							Jul-17	53.03	56.38	6,657.11
							Oct-17	53.35	56.70	6,656.79
							Jan-18	53.60	56.95	6,656.54
							Apr-18	53.80	57.15	6,656.34
							Jul-18	53.93	57.28	6,656.21
							Oct-18	53.76	57.11	6,656.38
							Jan-19	54.15	57.50	6,655.99
							Apr-19	54.23	57.58	6,655.91
		Jul-19			53.98	57.33	6,656.16			
		Sep-19			54.33	57.68	6,655.81			
		3.08			6,711.48	6,714.56	Jan-20	54.00	57.08	6,657.48
							Apr-20	54.53	57.61	6,656.95
							Jul-20	51.16	54.24	6,660.32
							Oct-20	54.87	57.95	6,656.61
							Jan-21	55.20	58.28	6,656.28
							Apr-21	55.17	58.25	6,656.31
							Jul-21	55.30	58.38	6,656.18
							Oct-21	55.50	58.58	6,655.98
							Jan-22	55.58	58.66	6,655.90
							Apr-22	55.48	58.56	6,656.00
	Jul-22						55.73	58.81	6,655.75	
	Sep-22						55.77	58.85	6,655.71	
	Jan-23						55.83	58.91	6,655.65	
	Apr-23						55.72	58.80	6,655.76	
	Jul-23						55.90	58.98	6,655.58	
	Sep-23						56.04	59.12	6,655.44	
	Jan-24						56.17	59.25	6,655.31	
	Apr-24						56.53	59.61	6,654.95	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)			
TMW19	Bedrock	2.95	169.0-184.0	187.0	6,697.57	6,700.52	Jul-14	40.21	43.16	6,657.36			
							Oct-14	40.25	43.20	6,657.32			
							Jan-15	40.19	43.14	6,657.38			
							Mar-15	40.25	43.20	6,657.32			
							Jul-15	40.30	43.25	6,657.27			
							Oct-15	40.59	43.54	6,656.98			
							Jan-16	40.51	43.46	6,657.06			
							Apr-16	40.78	43.73	6,656.79			
							Jul-16	40.98	43.93	6,656.59			
							Oct-16	41.08	44.03	6,656.49			
							Jan-17	40.94	43.89	6,656.63			
							Apr-17	40.95	43.90	6,656.62			
							Jul-17	41.42	44.37	6,656.15			
							Oct-17	41.53	44.48	6,656.04			
							Jan-18	41.60	44.55	6,655.97			
							Apr-18	41.92	44.87	6,655.65			
							Jul-18	42.27	45.22	6,655.30			
							Oct-18	41.90	44.85	6,655.67			
							Jan-19	43.40	46.35	6,654.17			
							Apr-19	42.06	45.01	6,655.51			
							Jul-19	42.31	45.26	6,655.26			
							Sep-19	44.27	47.22	6,653.30			
							2.74	6,698.93	6,701.67	Jan-20	42.93	45.67	6,656.00
										Apr-20	43.64	46.38	6,655.29
										Jul-20	43.84	46.58	6,655.09
										Oct-20	43.32	46.06	6,655.61
										Jan-21	44.14	46.88	6,654.79
										Apr-21	45.11	47.85	6,653.82
										Jul-21	44.05	46.79	6,654.88
										Oct-21	56.15	58.89	6,642.78
	Jan-22	44.01		46.75	6,654.92								
	Apr-22	44.21		46.95	6,654.72								
	Jul-22	44.20		46.94	6,654.73								
	Sep-22	43.77		46.51	6,655.16								
	Jan-23	44.36		47.10	6,654.57								
	Apr-23	44.08		46.82	6,654.85								
	Jul-23	44.60		47.34	6,654.33								
	Sep-23	44.09		46.83	6,654.84								
	Jan-24	41.05		43.79	6,657.88								
	Apr-24	44.60		47.34	6,654.33								

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW30	Bedrock	2.24	35.0-45.0	51.5	6,712.35	6,714.59	Jul-14	38.36	40.60	6,673.99
							Oct-14	38.31	40.55	6,674.04
							Jan-15	38.32	40.56	6,674.03
							Mar-15	37.71	39.95	6,674.64
							Jul-15	38.14	40.38	6,674.21
							Oct-15	38.14	40.38	6,674.21
							Jan-16	38.19	40.43	6,674.16
							Apr-16	38.34	40.58	6,674.01
							Jul-16	38.30	40.54	6,674.05
							Oct-16	38.34	40.58	6,674.01
							Jan-17	38.32	40.56	6,674.03
							Apr-17	38.35	40.59	6,674.00
							Jul-17	38.28	40.52	6,674.07
							Oct-17	38.36	40.60	6,673.99
							Jan-18	38.34	40.58	6,674.01
							Apr-18	38.38	40.62	6,673.97
							Jul-18	38.53	40.77	6,673.82
							Oct-18	38.47	40.71	6,673.88
							Jan-19	38.42	40.66	6,673.93
							Apr-19	38.51	40.75	6,673.84
							Jul-19	38.38	40.62	6,673.97
							Sep-19	38.28	40.52	6,674.07
		Jan-20			38.36	40.60	6,675.06			
		Apr-20			38.42	40.66	6,675.00			
		Jul-20			38.55	40.79	6,674.87			
		Oct-20			38.49	40.73	6,674.93			
		Jan-21			38.40	40.64	6,675.02			
		Apr-21			38.48	40.72	6,674.94			
		Jul-21			38.62	40.86	6,674.80			
		Oct-21			38.58	40.82	6,674.84			
		Jan-22			38.46	40.70	6,674.96			
		Apr-22			38.51	40.75	6,674.91			
		Jul-22			38.61	40.85	6,674.81			
		Sep-22			38.62	40.86	6,674.80			
		Jan-23			38.38	40.62	6,675.04			
		Apr-23			38.37	40.61	6,675.05			
		Jul-23			38.31	40.55	6,675.11			
		Sep-23			38.29	40.53	6,675.13			
	Jan-24	38.36			40.60	6,675.06				
	Apr-24	38.61			40.85	6,674.81				
		2.24			6,713.42	6,715.66				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW31D	Bedrock	1.91	77.0-107.0	111.5	6,708.53	6,710.44	Jul-14	36.23	38.14	6,672.30
							Oct-14	36.50	38.41	6,672.03
							Jan-15	36.54	38.45	6,671.99
							Mar-15	36.74	38.65	6,671.79
							Jul-15	36.90	38.81	6,671.63
							Oct-15	37.14	39.05	6,671.39
							Jan-16	37.15	39.06	6,671.38
							Apr-16	37.46	39.37	6,671.07
							Jul-16	37.66	39.57	6,670.87
							Oct-16	37.95	39.86	6,670.58
							Jan-17	38.43	40.34	6,670.10
							Apr-17	38.18	40.09	6,670.35
							Jul-17	38.29	40.20	6,670.24
							Oct-17	38.74	40.65	6,669.79
							Jan-18	38.77	40.68	6,669.76
							Apr-18	38.87	40.78	6,669.66
							Jul-18	39.15	41.06	6,669.38
							Oct-18	39.24	41.15	6,669.29
							Jan-19	39.58	41.49	6,668.95
							Apr-19	39.59	41.50	6,668.94
							Jul-19	39.92	41.83	6,668.61
							Sep-19	40.01	41.92	6,668.52
		1.80			6,710.19	6,711.99	Jan-20	40.37	42.17	6,669.82
							Apr-20	40.21	42.01	6,669.98
							Jul-20	40.76	42.56	6,669.43
							Oct-20	40.75	42.55	6,669.44
							Jan-21	41.25	43.05	6,668.94
							Apr-21	41.25	43.05	6,668.94
							Jul-21	41.54	43.34	6,668.65
							Oct-21	41.73	43.53	6,668.46
							Jan-22	41.94	43.74	6,668.25
							Apr-22	42.02	43.82	6,668.17
							Jul-22	42.13	43.93	6,668.06
							Sep-22	42.33	44.13	6,667.86
							Jan-23	42.56	44.36	6,667.63
							Apr-23	42.51	44.31	6,667.68
							Jul-23	42.82	44.62	6,667.37
							Sep-23	43.00	44.80	6,667.19
	Jan-24			43.20			45.00	6,666.99		
	Apr-24			43.30			45.10	6,666.89		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW32	Bedrock	2.22	117.0-137.0	139.1	6,707.09	6,709.31	Jul-14	38.07	40.29	6,669.02
							Oct-14	38.27	40.49	6,668.82
							Jan-15	38.31	40.53	6,668.78
							Mar-15	38.47	40.69	6,668.62
							Jul-15	38.70	40.92	6,668.39
							Oct-15	38.86	41.08	6,668.23
							Jan-16	38.91	41.13	6,668.18
							Apr-16	39.13	41.35	6,667.96
							Jul-16	39.35	41.57	6,667.74
							Oct-16	39.57	41.79	6,667.52
							Jan-17	39.54	41.76	6,667.55
							Apr-17	39.79	42.01	6,667.30
							Jul-17	39.93	42.15	6,667.16
							Oct-17	39.92	42.14	6,667.17
							Jan-18	40.28	42.50	6,666.81
							Apr-18	40.43	42.65	6,666.66
							Jul-18	40.77	42.99	6,666.32
							Oct-18	40.84	43.06	6,666.25
							Jan-19	40.68	42.90	6,666.41
							Apr-19	40.31	42.53	6,666.78
							Jul-19	41.10	43.32	6,665.99
							Sep-19	40.13	42.35	6,666.96
		1.85			6,709.03	6,710.88	Jan-20	41.83	43.68	6,667.20
							Apr-20	42.17	44.02	6,666.86
							Jul-20	42.19	44.04	6,666.84
							Oct-20	41.45	43.30	6,667.58
							Jan-21	42.32	44.17	6,666.71
							Apr-21	42.67	44.52	6,666.36
							Jul-21	42.67	44.52	6,666.36
							Oct-21	43.10	44.95	6,665.93
							Jan-22	43.17	45.02	6,665.86
							Apr-22	43.28	45.13	6,665.75
							Jul-22	43.20	45.05	6,665.83
							Sep-22	43.60	45.45	6,665.43
							Jan-23	43.48	45.33	6,665.55
							Apr-23	43.78	45.63	6,665.25
							Jul-23	44.08	45.93	6,664.95
							Sep-23	44.17	46.02	6,664.86
	Jan-24			44.25			46.10	6,664.78		
	Apr-24			44.46			46.31	6,664.57		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW36	Bedrock	1.71	132.0-152.0	157.0	6,697.33	6,699.04	Jul-14	26.47	28.18	6,670.86
							Oct-14	26.55	28.26	6,670.78
							Jan-15	26.69	28.40	6,670.64
							Mar-15	26.78	28.49	6,670.55
							Jul-15	26.99	28.70	6,670.34
							Oct-15	27.27	28.98	6,670.06
							Jan-16	27.33	29.04	6,670.00
							Apr-16	27.55	29.26	6,669.78
							Jul-16	27.88	29.59	6,669.45
							Oct-16	28.07	29.78	6,669.26
							Jan-17	28.06	29.77	6,669.27
							Apr-17	28.30	30.01	6,669.03
							Jul-17	28.52	30.23	6,668.81
							Oct-17	28.96	30.67	6,668.37
							Jan-18	28.88	30.59	6,668.45
							Apr-18	29.21	30.92	6,668.12
							Jul-18	29.37	31.08	6,667.96
							Oct-18	29.72	31.43	6,667.61
							Jan-19	29.67	31.38	6,667.66
							Apr-19	29.92	31.63	6,667.41
							Jul-19	30.15	31.86	6,667.18
							Sep-19	30.23	31.94	6,667.10
		Jan-20			30.41	32.07	6,670.16			
		Apr-20			33.85	35.51	6,666.72			
		Jul-20			30.90	32.56	6,669.67			
		Oct-20			31.31	32.97	6,669.26			
		Jan-21			31.75	33.41	6,668.82			
		Apr-21			31.29	32.95	6,669.28			
		Jul-21			31.44	33.10	6,669.13			
		Sep-21			31.86	33.52	6,668.71			
		Jan-22			31.88	33.54	6,668.69			
		Apr-22			32.20	33.86	6,668.37			
		Jul-22			32.37	34.03	6,668.20			
		Sep-22			32.40	34.06	6,668.17			
		Jan-23			32.68	34.34	6,667.89			
		Apr-23			32.52	34.18	6,668.05			
		Jul-23			32.84	34.50	6,667.73			
		Sep-23			33.01	34.67	6,667.56			
	Jan-24	33.05			34.71	6,667.52				
	Apr-24	33.16			34.82	6,667.41				
		1.66			6,700.57	6,702.23				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW37	Bedrock	2.58	88.0-108.0	111.0	6,710.51	6,713.09	Jul-14	43.83	46.41	6,666.68
							Oct-14	43.93	46.51	6,666.58
							Jan-15	44.03	46.61	6,666.48
							Mar-15	44.17	46.75	6,666.34
							Jul-15	44.07	46.65	6,666.44
							Oct-15	44.24	46.82	6,666.27
							Jan-16	44.22	46.80	6,666.29
							Apr-16	44.54	47.12	6,665.97
							Jul-16	44.67	47.25	6,665.84
							Oct-16	44.93	47.51	6,665.58
							Jan-17	46.87	49.45	6,663.64
							Apr-17	45.11	47.69	6,665.40
							Jul-17	45.26	47.84	6,665.25
							Oct-17	45.67	48.25	6,664.84
							Jan-18	45.78	48.36	6,664.73
							Apr-18	45.77	48.35	6,664.74
							Jul-18	46.28	48.86	6,664.23
							Oct-18	46.39	48.97	6,664.12
							Jan-19	46.28	48.86	6,664.23
							Apr-19	46.09	48.67	6,664.42
							Jul-19	46.52	49.10	6,663.99
							Sep-19	46.51	49.09	6,664.00
		2.09			6,712.15	6,714.25	Jan-20	47.12	49.21	6,665.04
							Apr-20	47.25	49.34	6,664.91
							Jul-20	47.53	49.62	6,664.63
							Oct-20	47.74	49.83	6,664.42
							Jan-21	47.95	50.04	6,664.21
							Apr-21	48.04	50.13	6,664.12
							Jul-21	48.22	50.31	6,663.94
							Oct-21	48.15	50.24	6,664.01
							Jan-22	48.39	50.48	6,663.77
							Apr-22	48.58	50.67	6,663.58
							Jul-22	48.72	50.81	6,663.44
							Sep-22	48.82	50.91	6,663.34
							Jan-23	48.81	50.90	6,663.35
							Apr-23	48.88	50.97	6,663.28
							Jul-23	49.30	51.39	6,662.86
							Sep-23	49.43	51.52	6,662.73
	Jan-24						49.37	51.46	6,662.79	
	Apr-24						49.71	51.80	6,662.45	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW38	Bedrock	2.38	118.9-158.9	159.5	6,704.41	6,706.79	Jul-14	45.06	47.44	6,659.35
							Oct-14	45.13	47.51	6,659.28
							Jan-15	45.08	47.46	6,659.33
							Mar-15	45.17	47.55	6,659.24
							Jul-15	45.48	47.86	6,658.93
							Oct-15	45.53	47.91	6,658.88
							Jan-16	45.52	47.90	6,658.89
							Apr-16	45.74	48.12	6,658.67
							Jul-16	45.90	48.28	6,658.51
							Oct-16	46.02	48.40	6,658.39
							Jan-17	45.86	48.24	6,658.55
							Apr-17	46.04	48.42	6,658.37
							Jul-17	46.25	48.63	6,658.16
							Oct-17	46.33	48.71	6,658.08
							Jan-18	46.38	48.76	6,658.03
							Apr-18	46.41	48.79	6,658.00
							Jul-18	46.16	48.54	6,658.25
							Oct-18	47.31	49.69	6,657.10
							Jan-19	47.30	49.68	6,657.11
							Apr-19	47.10	49.48	6,657.31
							Jul-19	47.12	49.50	6,657.29
							Sep-19	46.96	49.34	6,657.45
		2.59			6,705.03	6,707.62	Jan-20	46.95	49.54	6,658.08
							Apr-20	47.02	49.61	6,658.01
							Jul-20	47.28	49.87	6,657.75
							Oct-20	47.43	50.02	6,657.60
							Jan-21	47.54	50.13	6,657.49
							Apr-21	47.51	50.10	6,657.52
							Jul-21	47.74	50.33	6,657.29
							Oct-21	47.96	50.55	6,657.07
							Jan-22	47.83	50.42	6,657.20
							Apr-22	47.93	50.52	6,657.10
							Jul-22	48.12	50.71	6,656.91
							Sep-22	48.20	50.79	6,656.83
							Jan-23	48.22	50.81	6,656.81
							Apr-23	48.24	50.83	6,656.79
							Jul-23	48.61	51.20	6,656.42
							Sep-23	48.70	51.29	6,656.33
	Jan-24			48.64			51.23	6,656.39		
	Apr-24			48.82			51.41	6,656.21		

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW39D	Bedrock	2.08	70.0-100.0	100.5	6,706.53	6,708.61	Jul-14	33.32	35.40	6,673.21
							Oct-14	33.60	35.68	6,672.93
							Jan-15	33.64	35.72	6,672.89
							Mar-15	33.84	35.92	6,672.69
							Jul-15	33.98	36.06	6,672.55
							Oct-15	34.23	36.31	6,672.30
							Jan-16	34.23	36.31	6,672.30
							Apr-16	34.54	36.62	6,671.99
							Jul-16	34.75	36.83	6,671.78
							Oct-16	35.03	37.11	6,671.50
							Jan-17	34.94	37.02	6,671.59
							Apr-17	35.29	37.37	6,671.24
							Jul-17	35.42	37.50	6,671.11
							Oct-17	35.75	37.83	6,670.78
							Jan-18	35.82	37.90	6,670.71
							Apr-18	35.95	38.03	6,670.58
							Jul-18	36.22	38.30	6,670.31
							Oct-18	36.31	38.39	6,670.22
							Jan-19	36.63	38.71	6,669.90
							Apr-19	36.68	38.76	6,669.85
							Jul-19	37.00	39.08	6,669.53
							Sep-19	37.08	39.16	6,669.45
		2.06			6,707.08	6,709.14	Jan-20	37.36	39.42	6,669.72
							Apr-20	37.53	39.59	6,669.55
							Jul-20	37.72	39.78	6,669.36
							Oct-20	37.93	39.99	6,669.15
							Jan-21	38.22	40.28	6,668.86
							Apr-21	38.23	40.29	6,668.85
							Jul-21	38.74	40.80	6,668.34
							Sep-21	38.72	40.78	6,668.36
							Jan-22	38.94	41.00	6,668.14
							Apr-22	39.00	41.06	6,668.08
							Jul-22	39.12	41.18	6,667.96
							Sep-22	39.35	41.41	6,667.73
							Jan-23	39.58	41.64	6,667.50
							Apr-23	39.53	41.59	6,667.55
							Jul-23	39.80	41.86	6,667.28
							Sep-23	39.96	42.02	6,667.12
	Jan-24						40.17	42.23	6,666.91	
	Apr-24						40.15	42.21	6,666.93	

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW40D	Bedrock	2.34	135.0-155.0	155.5	6,703.81	6,706.15	Jul-14	30.75	33.09	6,673.06
							Oct-14	31.01	33.35	6,672.80
							Jan-15	31.05	33.39	6,672.76
							Mar-15	31.24	33.58	6,672.57
							Jul-15	31.42	33.76	6,672.39
							Oct-15	31.67	34.01	6,672.14
							Jan-16	31.68	34.02	6,672.13
							Apr-16	31.97	34.31	6,671.84
							Jul-16	32.16	34.50	6,671.65
							Oct-16	32.47	34.81	6,671.34
							Jan-17	32.40	34.74	6,671.41
							Apr-17	32.70	35.04	6,671.11
							Jul-17	32.85	35.19	6,670.96
							Oct-17	33.15	35.49	6,670.66
							Jan-18	33.21	35.55	6,670.60
							Apr-18	33.41	35.75	6,670.40
							Jul-18	33.61	35.95	6,670.20
							Oct-18	33.76	36.10	6,670.05
							Jan-19	33.99	36.33	6,669.82
							Apr-19	33.88	36.22	6,669.93
							Jul-19	34.38	36.72	6,669.43
							Sep-19	35.41	37.75	6,668.40
		Jan-20			34.68	37.05	6,669.69			
		Apr-20			34.93	37.30	6,669.44			
		Jul-20			35.11	37.48	6,669.26			
		Oct-20			35.34	37.71	6,669.03			
		Jan-21			35.56	37.93	6,668.81			
		Apr-21			35.58	37.95	6,668.79			
		Jul-21			35.93	38.30	6,668.44			
		Sep-21			36.02	38.39	6,668.35			
		Jan-22			36.23	38.60	6,668.14			
		Apr-22			36.33	38.70	6,668.04			
		Jul-22			36.51	38.88	6,667.86			
		Sep-22			36.70	39.07	6,667.67			
		Jan-23			36.85	39.22	6,667.52			
		Apr-23			36.84	39.21	6,667.53			
		Jul-23			37.14	39.51	6,667.23			
		Sep-23			37.33	39.70	6,667.04			
	Jan-24	37.42		39.79	6,666.95					
	Apr-24	37.50		39.87	6,666.87					
		2.37			6,704.37	6,706.74				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW48	Bedrock	2.04	71.0-91.0	91.5	6,707.80	6,709.84	Jul-14	34.57	36.61	6,673.23
							Oct-14	34.85	36.89	6,672.95
							Jan-15	34.93	36.97	6,672.87
							Mar-15	35.06	37.10	6,672.74
							Jul-15	35.24	37.28	6,672.56
							Oct-15	35.49	37.53	6,672.31
							Jan-16	35.53	37.57	6,672.27
							Apr-16	35.77	37.81	6,672.03
							Jul-16	35.94	37.98	6,671.86
							Oct-16	36.27	38.31	6,671.53
							Jan-17	36.24	38.28	6,671.56
							Apr-17	36.54	38.58	6,671.26
							Jul-17	36.65	38.69	6,671.15
							Oct-17	36.93	38.97	6,670.87
							Jan-18	37.07	39.11	6,670.73
							Apr-18	37.20	39.24	6,670.60
							Jul-18	37.46	39.50	6,670.34
							Oct-18	37.61	39.65	6,670.19
							Jan-19	37.90	39.94	6,669.90
							Apr-19	37.93	39.97	6,669.87
							Jul-19	38.26	40.30	6,669.54
							Sep-19	38.32	40.36	6,669.48
		Jan-20			38.56	40.64	6,669.73			
		Apr-20			38.72	40.80	6,669.57			
		Jul-20			38.96	41.04	6,669.33			
		Oct-20			39.27	41.35	6,669.02			
		Jan-21			39.37	41.45	6,668.92			
		Apr-21			39.44	41.52	6,668.85			
		Jul-21			39.75	41.83	6,668.54			
		Oct-21			39.92	42.00	6,668.37			
		Jan-22			40.13	42.21	6,668.16			
		Apr-22			40.18	42.26	6,668.11			
		Jul-22			40.32	42.40	6,667.97			
		Sep-22			40.55	42.63	6,667.74			
		Jan-23			40.74	42.82	6,667.55			
		Apr-23			40.73	42.81	6,667.56			
		Jul-23			41.00	43.08	6,667.29			
		Sep-23			41.18	43.26	6,667.11			
	Jan-24	41.39		43.47	6,666.90					
	Apr-24	41.39		43.47	6,666.90					
	2.08				6,708.29	6,710.37				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW49	Bedrock	2.51	40.0-60.0	60.5	6,712.20	6,714.71	Jul-14	42.18	44.69	6,670.02
							Oct-14	42.46	44.97	6,669.74
							Jan-15	42.54	45.05	6,669.66
							Mar-15	42.71	45.22	6,669.49
							Jul-15	42.83	45.34	6,669.37
							Oct-15	43.07	45.58	6,669.13
							Jan-16	43.12	45.63	6,669.08
							Apr-16	43.42	45.93	6,668.78
							Jul-16	43.63	46.14	6,668.57
							Oct-16	43.84	46.35	6,668.36
							Jan-17	43.84	46.35	6,668.36
							Apr-17	44.17	46.68	6,668.03
							Jul-17	44.27	46.78	6,667.93
							Oct-17	44.58	47.09	6,667.62
							Jan-18	44.69	47.20	6,667.51
							Apr-18	44.82	47.33	6,667.38
							Jul-18	45.09	47.60	6,667.11
							Oct-18	45.09	47.60	6,667.11
							Jan-19	45.48	47.99	6,666.72
							Apr-19	45.57	48.08	6,666.63
							Jul-19	45.83	48.34	6,666.37
							Sep-19	45.77	48.28	6,666.43
		Jan-20			46.13	48.64	6,670.08			
		Apr-20			46.49	49.00	6,669.72			
		Jul-20			46.46	48.97	6,669.75			
		Oct-20			46.66	49.17	6,669.55			
		Jan-21			46.91	49.42	6,669.30			
		Apr-21			46.98	49.49	6,669.23			
		Jul-21			47.16	49.67	6,669.05			
		Oct-21			47.24	49.75	6,668.97			
		Jan-22			47.61	50.12	6,668.60			
		Apr-22			47.64	50.15	6,668.57			
		Jul-22			47.76	50.27	6,668.45			
		Sep-22			47.95	50.46	6,668.26			
		Jan-23			48.14	50.65	6,668.07			
		Apr-23			48.08	50.59	6,668.13			
		Jul-23			48.38	50.89	6,667.83			
		Sep-23			48.53	51.04	6,667.68			
	Jan-24	48.63		51.14	6,667.58					
	Apr-24	48.73		51.24	6,667.48					
	2.42				6,716.30	6,718.72				

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW50	Bedrock	2.55	55-75	75.0	6,712.47	6,715.02	Nov-19	44.14	46.69	6,668.33
							Apr-20	43.59	46.14	6,668.88
							Jul-20	43.86	46.41	6,668.61
							Oct-20	44.03	46.58	6,668.44
							Jan-21	44.33	46.88	6,668.14
							Apr-21	44.34	46.89	6,668.13
							Jul-21	44.60	47.15	6,667.87
							Oct-21	44.67	47.22	6,667.80
							Jan-22	45.00	47.55	6,667.47
							Apr-22	45.02	47.57	6,667.45
							Jul-22	45.19	47.74	6,667.28
							Sep-22	45.33	47.88	6,667.14
							Jan-23	45.42	47.97	6,667.05
							Apr-23	45.50	48.05	6,666.97
							Jul-23	45.75	48.30	6,666.72
							Sep-23	45.49	48.04	6,666.98
TMW51	Bedrock	2.59	105-125	125.0	6,704.11	6,706.70	Nov-19	34.43	37.02	6,669.68
							Apr-20	34.66	37.25	6,669.45
							Jul-20	34.91	37.50	6,669.20
							Oct-20	35.14	37.73	6,668.97
							Jan-21	35.34	37.93	6,668.77
							Apr-21	35.38	37.97	6,668.73
							Jul-21	35.65	38.24	6,668.46
							Sep-21	35.83	38.42	6,668.28
							Jan-22	36.05	38.64	6,668.06
							Apr-22	36.13	38.72	6,667.98
							Jul-22	36.33	38.92	6,667.78
							Sep-22	36.48	39.07	6,667.63
							Jan-23	36.63	39.22	6,667.48
							Apr-23	36.65	39.24	6,667.46
							Jul-23	36.96	39.55	6,667.15
							Sep-23	37.11	39.70	6,667.00
TMW52	Bedrock	2.66	95-115	115.0	6,701.71	6,704.36	Nov-19	63.34	66.00	6,638.36
							Apr-20	55.81	58.47	6,645.89
							Jul-20	56.36	59.02	6,645.34
							Oct-20	55.75	58.41	6,645.95
							Jan-21	56.09	58.75	6,645.61
							Apr-21	55.84	58.50	6,645.86
							Jul-21	56.18	58.84	6,645.52
							Sep-21	55.98	58.64	6,645.72
							Jan-22	56.26	58.92	6,645.44
							Apr-22	56.00	58.66	6,645.70
							Jul-22	56.28	58.94	6,645.42
							Sep-22	56.09	58.75	6,645.61
							Jan-23	56.18	58.84	6,645.52
							Apr-23	56.08	58.74	6,645.62
							Jul-23	56.77	59.43	6,644.93
							Sep-23	56.41	59.07	6,645.29
							Jan-24	56.58	59.24	6,645.12
							Apr-24	56.43	59.09	6,645.27

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW53	Bedrock	2.57	107-117	117.0	6,699.77	6,702.34	Nov-19	52.30	54.87	6,647.47
							Apr-20	52.09	54.66	6,647.68
							Jul-20	52.28	54.85	6,647.49
							Oct-20	52.31	54.88	6,647.46
							Jan-21	52.32	54.89	6,647.45
							Apr-21	52.29	54.86	6,647.48
							Jul-21	52.44	55.01	6,647.33
							Sep-21	52.35	54.92	6,647.42
							Jan-22	52.33	54.90	6,647.44
							Apr-22	52.42	54.99	6,647.35
							Jul-22	52.55	55.12	6,647.22
							Sep-22	52.64	55.21	6,647.13
							Jan-23	52.52	55.09	6,647.25
							Apr-23	52.58	55.15	6,647.19
							Jul-23	52.98	55.55	6,646.79
							Sep-23	52.97	55.54	6,646.80
TMW55	Bedrock	2.70	101-121	121.0	6,711.13	6,713.82	Jan-24	52.94	55.51	6,646.83
							Apr-24	52.84	55.41	6,646.93
							Nov-19	49.92	52.62	6,661.20
							Apr-20	50.01	52.71	6,661.11
							Jul-20	50.18	52.88	6,660.94
							Oct-20	50.35	53.05	6,660.77
							Jan-21	50.48	53.18	6,660.64
							Apr-21	50.52	53.22	6,660.60
							Jul-21	50.76	53.46	6,660.36
							Oct-21	50.72	53.42	6,660.40
							Jan-22	51.12	53.82	6,660.00
							Apr-22	51.04	53.74	6,660.08
							Jul-22	51.17	53.87	6,659.95
							Sep-22	51.25	53.95	6,659.87
							Jan-23	51.30	54.00	6,659.82
							Apr-23	51.33	54.03	6,659.79
TMW58	Bedrock	2.75	145-185	185.0	6,700.79	6,703.54	Jul-23	51.68	54.38	6,659.44
							Sep-23	51.72	54.42	6,659.40
							Jan-24	51.79	54.49	6,659.33
							Apr-24	51.81	54.51	6,659.31
							Nov-19	36.70	39.45	6,664.09
							Apr-20	35.59	38.34	6,665.20
							Jul-20	35.91	38.66	6,664.88
							Oct-20	36.04	38.79	6,664.75
							Jan-21	36.27	39.02	6,664.52
							Apr-21	36.33	39.08	6,664.46
							Jul-21	36.51	39.26	6,664.28
							Sep-21	36.56	39.31	6,664.23
							Jan-22	36.73	39.48	6,664.06
							Apr-22	37.11	39.86	6,663.68
							Jul-22	36.98	39.73	6,663.81
							Sep-22	37.22	39.97	6,663.57
							Jan-23	37.23	39.98	6,663.56
							Apr-23	37.27	40.02	6,663.52
							Jul-23	43.84	46.59	6,656.95
							Sep-23	37.76	40.51	6,663.03
							Jan-24	37.76	40.51	6,663.03
							Apr-24	43.81	46.56	6,656.98

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW63	Bedrock	2.75	140-180	180.0	6,699.83	6,702.58	Nov-19	30.05	32.80	6,669.78
							Apr-20	30.16	32.91	6,669.67
							Jul-20	30.45	33.20	6,669.38
							Oct-20	30.66	33.41	6,669.17
							Jan-21	30.88	33.63	6,668.95
							Apr-21	30.89	33.64	6,668.94
							Jul-21	31.20	33.95	6,668.63
							Sep-21	31.30	34.05	6,668.53
							Jan-22	31.53	34.28	6,668.30
							Apr-22	31.64	34.39	6,668.19
							Jul-22	31.86	34.61	6,667.97
							Sep-22	31.99	34.74	6,667.84
							Jan-23	32.12	34.87	6,667.71
							Apr-23	32.16	34.91	6,667.67
							Jul-23	32.49	35.24	6,667.34
							Sep-23	32.64	35.39	6,667.19
TMW64	Bedrock	2.70	80-100	100.0	6,705.50	6,708.20	Jan-24	32.76	35.51	6,667.07
							Apr-24	32.82	35.57	6,667.01
							Nov-19	35.80	38.50	6,669.70
							Apr-20	35.97	38.67	6,669.53
							Jul-20	36.19	38.89	6,669.31
							Oct-20	36.42	39.12	6,669.08
							Jan-21	36.64	39.34	6,668.86
							Apr-21	36.65	39.35	6,668.85
							Jul-21	36.98	39.68	6,668.52
							Sep-21	37.13	39.83	6,668.37
							Jan-22	37.36	40.06	6,668.14
							Apr-22	37.41	40.11	6,668.09
							Jul-22	37.56	40.26	6,667.94
							Sep-22	37.76	40.46	6,667.74
							Jan-23	37.97	40.67	6,667.53
							Apr-23	37.96	40.66	6,667.54
							Jul-23	38.25	40.95	6,667.25
							Sep-23	38.40	41.10	6,667.10
							Jan-24	38.59	41.29	6,666.91
							Apr-24	38.61	41.31	6,666.89

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 2024
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	4/9/2024	12.69	7.77	63	4.59	4.4	4.56	0.61
BGMW02	13.5 - 33.5	No	4/9/2024	14.98	7.90	79	3.79	11.7	0.00	0.00
BGMW03	8.5 - 28.5	Yes	4/8/2024	13.69	7.13	90	2.23	16.2	0.93	Dry
BGMW11	20 - 40	No	4/11/2024	14.35	7.48	4	4.73	39.3	1.09	10.40
BGMW12	12 - 32	Yes	4/8/2024	12.87	7.59	31	1.01	315	6.10	Dry
BGMW13S	49 - 69	No	4/16/2024	15.00	8.14	-120	1.26	23.4	4.73	2.80
BGMW13D	84 - 104	No	4/16/2024	14.02	7.94	-136	1.15	24.5	5.32	32.10
FW31	10 - 50	Yes	4/10/2024	13.39	8.12	124	2.28	76.4	5.90	Dry
FW35	10 - 30	Dry	Well was dry and was not purged or sampled							
MW01	33.6 - 53.6	Yes	4/9/2024	14.10	7.54	122	3.61	>1000	2.29	Dry
MW02	37 - 47	Yes	4/10/2024	14.20	7.21	97	2.92	>1000	4.29	Dry
MW03	43 - 53	No	4/11/2024	13.49	7.62	27	5.31	9.9	0.38	0.52
MW18D	47 - 57	No	4/15/2024	15.31	7.14	57	7.15	27.5	0.00	0.24
MW18S	27 - 37	Dry	Well was dry and was not purged or sampled							
MW20	47 - 57	No	4/17/2024	14.81	7.68	143	15.4	22.6	3.48	0.15
MW22D	47 - 57	No	4/12/2024	16.49	6.89	141	4.56	4.6	0.00	0.19
MW22S	31 - 41	Dry	Well was dry and was not purged or sampled							
MW23	63.5 - 133.5	Yes	4/8/2024	12.61	7.68	-57	1.91	51.5	3.05	Dry
MW24	16 - 66	No	4/9/2024	11.12	7.58	-137	1.38	3.5	1.70	1.38
MW25	45.5 - 65.5	No	4/16/2024	14.66	7.26	90	5.70	95	4.50	1.64
MW26	40 - 60	Yes	4/15/2024	15.81	7.25	87	4.09	247	0.25	Dry
MW27	43 - 63	Yes	4/9/2024	14.29	7.45	105	4.17	524	6.13	Dry
MW28	40 - 60	Yes	4/11/2024	16.68	7.64	107	4.20	258	3.20	Dry
MW29	37 - 57	Yes	4/11/2024	17.19	7.29	129	3.66	107	1.69	Dry
MW30	40 - 60	Yes	4/18/2024	16.36	7.40	80	7.11	66.8	6.30	Dry
MW31	36 - 56	Yes	4/18/2024	17.56	7.86	91	3.78	433	6.63	Dry

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2024
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)
MW32	40 - 60	Yes	4/8/2024	14.89	7.06	100	5.85	507	6.77	Dry
MW33	37 - 57	Yes	4/15/2024	13.26	8.85	79	2.67	608	3.78	Dry
MW34	40 - 60	Yes	4/15/2024	13.35	7.32	159	5.23	125	0.54	Dry
MW35	41 - 61	No	4/15/2024	13.83	8.25	5	3.37	229	5.29	17.48
MW36S	30 - 50	Yes	4/15/2024	13.45	7.30	61	9.51	318	5.90	Dry
MW36D	55 - 75	Yes	4/15/2024	13.55	7.42	-173	2.33	168	5.98	Dry
MW37	25 - 45	Yes	4/8/2024	14.21	7.35	138	2.34	74.5	0.00	Dry
MW38	30 - 50	Yes	4/15/2024	13.63	7.71	66	3.13	594	5.07	Dry
MW39	30 - 50	Yes	4/10/2024	13.87	7.89	78	6.07	428	0.62	Dry
SMW01	29.9 - 49.9	No	4/10/2024	11.76	8.76	-29	4.91	45.3	0.00	0.06
TMW01	44 - 59	No	4/12/2024	11.69	7.96	76	3.19	87.9	0.18	0.12
TMW02	67.9 - 81.9	No	4/12/2024	16.29	8.59	74	4.84	3.5	0.07	0.33
TMW03	49.8 - 69.8	No	4/16/2024	13.23	8.49	60	4.59	3.6	4.73	0.05
TMW04	50 - 70	No	4/12/2024	15.25	8.47	89	3.97	2.9	0.66	0.49
TMW06	45 - 55	No	4/17/2024	11.69	7.54	170	3.08	6.2	0.00	0.75
TMW07	65 - 75	Yes	4/12/2024	17.92	7.70	35	5.01	12.1	0.94	Dry
TMW08	30 - 60	No	4/11/2024	13.86	7.64	42	19.5	19.9	0.13	0.06
TMW10	28 - 58	No	4/11/2024	14.24	8.20	-124	6.65	2.8	0.00	0.18
TMW11	55 - 80	Dry	Well was dry and was not purged or sampled							
TMW13	60.7 - 70.7	No	4/17/2024	13.83	7.06	-63	2.05	3.0	0.00	0.40
TMW15	56 - 71	No	4/17/2024	16.68	8.68	-120	2.26	4.8	4.88	0.13
TMW21	48 - 58	No	4/16/2024	14.79	8.49	65	2.79	3.8	4.00	1.15
TMW22	52 - 62	Yes	4/12/2024	16.62	8.02	97	3.60	128	4.91	Dry
TMW23	46 - 56	Yes	4/12/2024	16.15	7.35	118	2.70	80.6	1.14	Dry
TMW24	44 - 54	No	4/16/2024	10.60	8.49	-65	4.62	3.7	4.22	1.71
TMW25	42.5 - 52.5	No	4/15/2024	14.58	8.45	-59	3.80	17.0	0.00	1.80
TMW26	45 - 55	No	4/10/2024	14.14	8.25	27	3.67	12.9	0.00	0.03

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2024
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)
TMW27	60 - 70	No	4/10/2024	13.61	8.15	-135	1.62	9.8	0.00	1.02
TMW28	37 - 47	No	4/15/2024	10.81	8.03	-125	2.73	4.3	0.00	0.00
TMW29	49 - 59	Yes	4/12/2024	14.42	7.56	134	2.33	440	1.73	Dry
TMW31S	50 - 60	Yes	4/11/2024	15.15	7.19	103	2.61	31.9	6.81	Dry
TMW33	37 - 57	Yes	4/12/2024	17.27	6.96	132	8.85	63.7	6.09	Dry
TMW34	37 - 57	No	4/16/2024	15.65	6.79	129	4.89	6.1	0.00	0.17
TMW35	35 - 55	No	4/17/2024	11.51	8.16	-47	4.99	5.4	4.29	0.13
TMW39S	32.5 - 52.5	Yes	4/12/2024	12.36	7.45	69	3.72	93.1	3.31	Dry
TMW40S	50 - 60	Dry	Well was dry and was not purged or sampled							
TMW41	55.5 - 65.5	Yes	4/12/2024	14.88	7.72	92	3.28	18.9	1.88	Dry
TMW43	58 - 78	No	4/16/2024	13.98	8.35	75	2.54	2.9	4.90	2.00
TMW44	43.5 - 63.5	Yes	4/8/2024	15.01	7.39	117	2.98	9.6	1.09	Dry
TMW45	38.5 - 58.5	No	4/16/2024	11.20	7.33	59	3.26	12.0	0.00	0.09
TMW46	38.5 - 58.5	Yes	4/8/2024	15.18	6.86	123	5.03	29.3	0.72	Dry
TMW47	82.5 - 102.5	No	4/18/2024	8.58	8.18	-113	2.19	8.4	0.58	0.96
TMW54	21.4 - 41.4	Dry	Well was dry and was not purged or sampled							
TMW56	30 - 50	Yes	4/10/2024	13.13	7.75	134	8.50	>1000	5.23	Dry
TMW57	60 - 70	Yes	4/15/2024	16.06	7.63	83	1.87	398	4.12	Dry
TMW59	42 - 62	Yes	4/15/2024	16.95	7.99	56	3.31	46.6	4.53	Dry
TMW60	46 - 66	Dry	Well was dry and was not purged or sampled							
TMW61	41 - 61	Yes	4/15/2024	15.66	7.30	149	5.56	743	0.69	Dry
TMW62	40 - 60	Yes	4/12/2024	15.41	7.38	122	2.71	186	1.21	Dry
NORTHERN BEDROCK GROUNDWATER ZONE										
BGMW07	215 - 255	Yes	4/9/2024	13.52	7.78	-26	27.7	223	6.49	Dry
BGMW08	165 - 185	No	Well was not purged or sampled							
BGMW09	106 - 136	Yes	4/8/2024	14.63	8.23	85	5.19	50.6	6.69	Dry
BGMW10	106 - 136	Yes	4/9/2024	14.93	8.26	-6	2.65	233	1.02	Dry

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2024
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)
TMW14A	94.25 - 109.25	Yes	4/15/2024	15.86	8.39	-26	1.66	135	6.60	Dry
TMW16	123 - 138	Yes	4/8/2024	12.70	8.52	128	2.16	60.2	1.42	Dry
TMW17	112 - 127	No	4/15/2024	10.20	9.69	-222	1.99	5.2	0.43	0.05
TMW18	150 - 160	Yes	4/8/2024	13.20	8.71	96	3.06	5.7	1.78	Dry
TMW19	169 - 184	Yes	4/8/2024	12.72	8.16	110	3.15	37.5	2.01	Dry
TMW30	35 - 45	Yes	4/10/2024	14.99	7.00	201	1.97	3.3	3.20	Dry
TMW31D	77 - 107	No	4/16/2024	12.85	7.26	-64	3.00	3.6	0.00	0.10
TMW32	117 - 137	No	4/17/2024	14.07	7.91	-127	2.84	5.2	0.00	0.25
TMW36	132 - 152	Yes	4/8/2024	12.89	8.44	49	3.04	106	1.70	Dry
TMW37	88 - 108	Yes	4/9/2024	12.35	8.90	41	2.61	64.5	1.79	Dry
TMW38	118.9 - 158.9	No	4/18/2024	14.27	9.07	-270	4.80	16.3	4.26	1.47
TMW39D	70 - 100	No	4/11/2024	11.27	8.83	-175	3.75	93.9	0.00	0.19
TMW40D	135 - 155	No	4/15/2024	13.31	9.16	-160	3.30	3.6	0.34	0.00
TMW48	71 - 91	No	4/16/2024	14.92	7.49	130	2.74	10.8	2.69	0.00
TMW49	40 - 60	No	4/18/2024	10.99	8.62	-8	3.43	20.2	3.23	0.88
TMW50	55 - 75	Yes	4/10/2024	15.65	8.03	-31	1.98	213	2.08	Dry
TMW51	105 - 125	No	4/12/2024	14.42	8.12	119	3.03	94.0	5.23	5.51
TMW52	95 - 115	Yes	4/15/2024	16.15	8.68	40	1.87	785	4.19	Dry
TMW53	107 - 117	Yes	4/15/2024	15.99	8.81	-256	1.46	272	4.26	Dry
TMW55	101 - 121	Yes	4/12/2024	16.70	8.13	117	2.29	31.0	1.76	Dry

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2024
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)
TMW58	145 - 185	Yes	4/9/2024	12.21	8.28	-45	2.35	535	2.79	Dry
TMW63	140 - 180	No	4/10/2024	15.49	8.11	-49	2.48	75.7	1.38	59.57
TMW64	80 - 100	No	4/17/2024	13.52	8.77	-121	2.69	14.0	5.40	22.69

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

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	BGMW01042024	4/9/2024	9.0	<0.10	1.4	440	0.85 J	0.021 J	1,300
	BGMW01102023	10/3/2023	8.9	<0.30	1.8	420	1.1	<0.50	1,200
	BGMW01042023	4/18/2023	8.1	0.15	1.6	400	1.1	<0.25	1,200
	BGMW01102022	10/5/2022	4.6	<0.06	1.3	420	1.2	<0.25	1,200
BGMW02	BGMW02042024	4/9/2024	11	<0.10	1.4	300	0.27 J	0.022 J	840
	BGMW02102023	10/3/2023	14	<0.12	1.6	310	0.34	<0.25	1,000
	BGMW02042023	4/18/2023	14	<0.06	1.5	320	0.34	<0.25	1,100
	BGMW02102022	10/5/2022	11	<0.06	1.2	350	0.34	<0.25	1,200
BGMW03	BGMW03042024	4/8/2024	0.38 J	<0.10	0.86	190	3.5	0.018 J	510
	BGMW03102023	10/2/2023	0.70	<0.06	1.1	180	4.1	<0.25	530
	BGMW03042023	4/18/2023	0.45	0.098 J	0.98	180	3.6	<0.25	490
	BGMW03102022	10/4/2022	1.0	<0.06	1.1	190	4.8	<0.25	600
	BGMW03102022DUP	10/3/2022	0.36	<0.06	0.97	230	3.6	<0.25	520
BGMW11	BGMW11042024	4/11/2024	<0.20	<0.10	1.2	440	1.3	0.021 J	1,700
	BGMW11102023	10/4/2023	<0.12	<0.12	1.9	420	1.6	<0.50	1,400
	BGMW11042023	4/19/2023	0.15 J	<0.12	1.8	390	1.6	<0.50	1,400
	BGMW11102022	10/13/2022	0.071 J	<0.12	1.4	470	1.3	<0.25	1,400
BGMW12	BGMW12042024	4/8/2024	<0.20	<0.10	0.48 J	110	1.5	<0.04	480
	BGMW12102023	10/2/2023	0.071 J	<0.06	0.65	91	1.7	<0.25	480
	BGMW12042023	4/17/2023	<0.06	<0.06	0.53	85	1.7	<0.25	500
	BGMW12102022	10/3/2022	<0.06	<0.06	0.52	93	1.8	<0.25	510
BGMW13D	BGMW13D042024	4/16/2024	<0.20	<0.10	0.50	96	1.2	0.48	69
	BGMW13D102023	10/10/2023	<0.12	<0.12	0.70 J	80	1.0	0.61 J	64
	BGMW13D102023FDUP08	10/10/2023	<0.06	<0.06	0.45 J	76	1.0	0.46 J	66
	BGMW13D042023	4/25/2023	0.072 J	<0.06	0.42 J	88	1.1	0.29 J	60
	BGMW13D102022	10/12/2022	<0.06	<0.06	0.38 J	87	1.1	0.38 J	69
BGMW13S	BGMW13S042024	4/16/2024	<0.20	<0.10	0.64	130	1.2	0.73	32
	BGMW13S102023	10/10/2023	<0.06	<0.06	1.1	200	2.1	1.2	60
	BGMW13S042023	4/25/2023	<0.06	<0.12	0.51	120	1.1	0.58	32
	BGMW13S102022	10/12/2022	<0.06	<0.06	0.45 J	110	1.0	0.51	42
	BGMW13S102022DUP	10/12/2022	<0.06	<0.06	0.45 J	150	1.1	0.52	39
FW31	FW31042024	4/10/2024	0.10 J	<0.10	<0.50	7.1	3.5	<0.04	700
	FW31102023	10/9/2023	<0.06	<0.06	<0.25	6.5	3.2	<0.25	630
	FW31042023	4/26/2023	0.088 J	<0.06	0.19 J	6.7	3.2	<0.25	670
	FW31102022	10/10/2022	<0.06	<0.06	0.21 J	6.6	3.3	<0.25	730
MW01	MW01042024	4/9/2024	3.3	<0.10	0.29 J	56	0.65 J	0.031 J	870
	MW01102023	10/3/2023	3.2	<0.30	1.4 J	49	0.90	<1.2	820
	MW01042023	4/18/2023	3.7	<0.06	0.38 J	50	0.77	<0.25	910
	MW01102022	10/4/2022	3.6	<0.06	0.33 J	50	0.75	<0.25	900
MW02	MW02042024	4/10/2024	0.67	<0.10	0.35 J	45	0.37 J	0.018 J	790
	MW02102023	10/3/2023	1.0	<0.06	0.40 J	36	0.39	0.20 J	690
	MW02042023	4/18/2023	0.90	<0.06	0.33 J	37	0.39	<0.25	740
	MW02102022	10/4/2022	0.74	<0.06	0.32 J	38	0.38	<0.25	700
MW03	MW03042024	4/11/2024	8.7	<0.10	1.1	400	0.31 J	<0.04	1,700
	MW03102023	10/5/2023	13	<0.12	0.92 J	350	0.47	<0.50	1,400
	MW03042023	4/20/2023	8.4	<0.12	0.68	370	0.45	<0.25	1,400
	MW03102022	10/6/2022	5.3	<0.06	0.36 J	270	0.30	<0.25	1,500
	MW03102022DUP	10/6/2022	5.3	<0.06	0.51	280	0.46	<0.25	1,400
MW18D	MW18D042024	4/15/2024	<0.20	<0.10	1.5	610	0.32 J	0.023 J	2,300
	MW18D102023	10/11/2023	<0.60	<0.60	3.6 J	690	0.94 J	<2.5	2,000
	MW18D042023	4/26/2023	<0.30	<0.30	2.3 J	810	0.72	<1.2	2,200
	MW18D102022	10/12/2022	0.047 J	<0.06	1.1	680	0.21	<0.25	2,300

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
MW20	MW20042024	4/17/2024	14	<0.10	2.5	1,300	1.6	<0.04	3,600
	MW20102023	10/11/2023	18	<0.60	3.4	1,100	0.50	<1.2	3,400
	MW20042023	4/26/2023	18	0.47 J	3.4	1,300	0.52	<1.2	3,600
	MW20102022	10/12/2022	14	61	2.0	1,500	0.033 J	3.1 J	3,900
MW22D	MW22D042024	4/12/2024	19	<0.10	0.97	270	0.33 J	0.018 J	1,300
	MW22D102023	10/12/2023	18	<0.12	1.1	220	0.48	<0.50	1,200
	MW22D042023	4/27/2023	19	<0.12	1.0	240	0.48	<0.50	1,300
	MW22D102022	10/13/2022	14	<0.06	0.71	280	0.42	2.0	1,300
MW23	MW23042024	4/8/2024	<0.20	<0.10	0.59	91	0.65 J	0.19	8.0
	MW23102023	10/2/2023	0.13 J	<0.12	0.99 J	82	0.77	0.43 J	12
	MW23042023	4/24/2023	0.076 J	<0.06	0.68	80	0.71	0.17 J	9.8
	MW23102022	10/3/2022	<0.12	<0.12	0.88 J	85	0.79	0.52 J	4.8
MW24	MW24042024	4/9/2024	<0.20	<0.10	0.39 J	110	1.0	0.72	1.4 J
	MW24102023	10/3/2023	<0.12	<0.12	0.76 J	94	1.0	0.57 J	3.1
	MW24042023	4/18/2023	<0.06	<0.06	0.48 J	110	1.0	0.34 J	1.6
	MW24102022	10/13/2022	<0.06	<0.06	0.44 J	110	1.0	0.29 J	2.6
MW25	MW25042024	4/16/2024	54	<0.10	1.7	350	0.20 J	<0.04	1,800
	MW25102023	10/11/2023	51	<0.12	1.4	300	0.35	<0.50	1,600
	MW25102023	10/6/2023	54	<0.12	1.4	310	0.35	<0.50	1,700
	MW25042023	4/21/2023	55	<0.12	1.3	300	0.37	<0.50	1,700
	MW25102022	10/11/2022	42	<0.06	0.90	350	0.25	<0.25	1,800
MW26	MW26042024	4/15/2024	1.8	<0.10	2.0	350	0.45 J	0.024 J	1,300
	MW26102023	10/9/2023	2.0	<0.12	1.4	330	0.62	<0.50	1,100
	MW26042023	4/24/2023	1.9	<0.12	1.2	340	0.59	<0.25	1,100
	MW26102022	10/10/2022	1.2	<0.06	0.89	350	0.52	0.18 J	1,300
MW27	MW27042024	4/9/2024	38	<0.10	0.72	130	0.45 J	0.021 J	1,100
	MW27102023	10/9/2023	37	<0.12	1.0	110	0.60	<0.50	980
	MW27042023	4/24/2023	36	<0.06	0.75	120	0.55	<0.25	950
	MW27102022	10/7/2022	28	<0.06	0.61	130	0.54	<0.25	1,000
MW28	MW28042024	4/11/2024	9.4	<0.10	0.63	170	0.42 J	0.026 J	1,400
	MW28042024FDUP04	4/11/2024	9.5	<0.10	0.62	160	0.42 J	0.025 J	1,300
	MW28102023	10/6/2023	8.9	<0.12	0.78 J	140	0.55	<0.50	1,300
	MW28042023	4/18/2023	9.1	<0.06	0.50 J	150	0.54	<0.25	1,300
	MW28102022	10/4/2022	7.0	<0.06	0.40 J	150	0.51	<0.25	1,300
MW29	MW29042024	4/11/2024	6.3	<0.10	0.96	220	0.60 J	0.036 J	940
	MW29102023	10/6/2023	7.4	<0.12	0.94 J	180	0.73	<0.50	730
	MW29042023	4/21/2023	6.3	<0.12	0.70	210	0.78	<0.25	790
	MW29102022	10/5/2022	4.7	<0.06	0.82	220	0.73	<0.25	900
MW30	MW30042024	4/18/2024	0.11 J	<0.10	1.2	290	0.74 J	0.094	500
	MW30102023	10/9/2023	0.12 J	<0.12	1.2	270	0.90	0.42 J	420
	MW30042023	4/26/2023	0.061 J	<0.12	0.92	290	0.90	0.13 J	480
	MW30102022	10/7/2022	0.046 J	<0.30	0.75	310	0.87	0.19 J	520
MW31	MW31042024	4/18/2024	18	<0.10	2.7	920	1.2	0.026 J	2,600
	MW31102023	10/9/2023	16	<0.30	2.7	710	0.57	<1.2	2,400
	MW31042023	4/26/2023	15	<0.12	2.0	700	0.46	<0.50	2,400
	MW31102022	10/7/2022	9.4	<1.2	1.4	820	0.30	<0.25	2,500
MW32	MW32042024	4/8/2024	60	<0.10	1.0	250	0.19 J	<0.04	1,700
	MW32102023	10/2/2023	69	<0.12	1.4	260	0.43	<0.50	1,700
	MW32042023	4/20/2023	71	<0.12	1.2	270	0.35	<0.25	1,800
	MW32102022	10/3/2022	55	<0.06	0.85	260	0.34	<0.25	1,800
MW33	MW33042024	4/15/2024	0.092 J	<0.10	1.9	230	1.1	0.067	750
	MW33042024FDUP07	4/15/2024	0.095 J	<0.10	1.8	240	1.1	0.063	790
	MW33102023	10/9/2023	<0.30	<0.30	2.2 J	220	1.2	<1.2	640
	MW33042023	4/24/2023	<0.12	<0.12	1.4	220	1.1	<0.50	650
	MW33102022	10/10/2022	<0.06	<0.06	1.3	270	1.2	<0.25	700

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS

Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
MW34	MW34042024	4/15/2024	8.9	<0.10	2.5	400	0.43 J	0.036 J	2,100
	MW34102023	10/9/2023	10	<0.12	2.0	410	0.71	<0.50	2,000
	MW34042023	4/24/2023	10	<0.12	1.8	430	0.69	<0.50	2,000
	MW34102022	10/10/2022	6.7	<0.06	1.3	460	0.45	0.18 J	2,300
MW35	MW35042024	4/15/2024	0.090 J	<0.10	0.43 J	320	<0.50	<0.04	1,100
	MW35042024FDUP06	4/15/2024	0.093 J	<0.10	0.43 J	310	<0.50	<0.04	1,100
	MW35102023	10/9/2023	0.13 J	<0.12	0.99 J	300	0.26	<0.50	960
	MW35042023	4/24/2023	0.10 J	<0.06	0.72	310	0.21	<0.25	1,100
	MW35102022	10/11/2022	<0.06	<0.06	0.58	320	0.20	<0.25	1,000
	MW35102022DUP	10/11/2022	<0.06	<0.06	0.58	300	0.19	<0.25	1,000
MW36D	MW36D042024	4/15/2024	0.12 J	<0.10	1.1	110	0.76 J	0.82	35
	MW36D102023	10/5/2023	<0.12	<0.12	1.2	96	0.84	0.79 J	35
	MW36D042023	4/24/2023	0.066 J	<0.12	0.89	96	0.80	0.64	34
	MW36D102022	10/14/2022	<0.06	<0.30	0.74	110	0.77	0.48 J	31
MW36S	MW36S042024	4/15/2024	0.16 J	<0.10	3.3	520	1.4	0.037 J	4,100
	MW36S102023	10/5/2023	0.37	<0.12	2.1	490	0.41	0.40 J	4,000
	MW36S042023	4/24/2023	0.18 J	<0.30	2.1	490	0.41	<0.50	4,000
	MW36S102022	10/14/2022	0.068 J	<0.30	1.2	540	0.16	0.19 J	4,700
MW37	MW37042024	4/8/2024	<0.20	<0.10	0.54	200	1.3	0.034 J	410
	MW37102023	10/11/2023	<0.12	<0.12	0.89 J	170	1.3	<0.50	420
	MW37042023	4/25/2023	0.063 J	<0.12	0.65	180	1.4	<0.25	440
	MW37102022	10/10/2022	<0.06	<0.06	0.62	160	1.4	<0.25	430
	MW37102022DUP	10/10/2022	0.040 J	<0.06	0.53	190	1.4	<0.25	490
MW38	MW38042024	4/15/2024	0.093 J	<0.10	1.5	260	0.63 J	0.026 J	630
	MW38102023	10/9/2023	<0.12	<0.12	1.2	250	0.77	<0.50	550
	MW38042023	4/27/2023	0.072 J	<0.06	0.89	250	0.73	<0.25	580
	MW38102022	10/10/2022	<0.06	<0.06	0.88	270	0.73	<0.25	630
MW39	MW39042024	4/10/2024	0.10 J	<0.10	2.8	670	1.2	0.058	2,200
	MW39102023	10/9/2023	<0.60	<0.60	3.5 J	610	1.8	<2.5	1,800
	MW39042023	4/27/2023	<0.30	<0.30	2.2 J	670	1.6	<1.2	2,000
	MW39102022	10/13/2022	<0.12	<0.12	1.2	640	1.5	<0.50	1,800
SMW01	SMW01042024	4/10/2024	<0.20	<0.10	2.4	780	1.3	0.047 J	860
	SMW01102023	10/4/2023	<0.60	<0.60	<2.5	650	1.7	<2.5	710
	SMW01042023	4/19/2023	0.45 J	<0.30	1.1 J	660	1.5	<1.2	730
	SMW01042023DUP	4/19/2023	<0.30	<0.30	1.1 J	670	1.5	<1.2	750
	SMW01102022	10/4/2022	<0.30	<0.30	1.2 J	650	1.4	<1.3	730
TMW01	TMW01042024	4/12/2024	11	<0.10	2.1	200	0.37 J	0.032 J	950
	TMW01102023	10/6/2023	10	<0.06	1.8	230	0.42	<0.25	850
	TMW01042023	4/20/2023	10	<0.06	1.9	200	0.45	<0.25	920
	TMW01102022	10/6/2022	6.9	<1.2	1.5	220	0.45	<0.25	970
TMW02	TMW02042024	4/12/2024	81	<0.10	2.1	290	0.20 J	<0.04	1,200
	TMW02102023	10/6/2023	78	<0.12	2.0	290	0.32	<0.50	1,200
	TMW02102023FDUP05	10/6/2023	76	<0.12	2.0	260	0.33	<0.50	1,100
	TMW02042023	4/21/2023	81	<0.12	2.0	270	0.34	<0.50	1,200
	TMW02042023DUP	4/21/2023	83	<0.12	2.0	280	0.34	<0.50	1,200
	TMW02102022	10/7/2022	60	<0.06	1.3	290	0.28	<0.25	1,200
	TMW02102022DUP	10/7/2022	60	<0.06	1.3	320	0.28	<0.25	1,300
TMW03	TMW03042024	4/16/2024	120	<0.10	1.4	200	0.85 J	0.032 J	1,100
	TMW03102023	10/10/2023	130	<0.12	1.2	160	0.97	<0.50	970
	TMW03102023FDUP06	10/10/2023	120	<0.12	1.1	170	0.96	<0.50	960
	TMW03042023	4/24/2023	130	0.084 J	0.49 J	170	0.98	<0.25	980
	TMW03042023DUP	4/24/2023	130	0.084 J	0.49 J	170	0.99	<0.25	1,000
	TMW03102022	10/10/2022	110	<0.06	0.52	260	0.96	<0.25	1,200

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS

Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW04	TMW04042024	4/12/2024	40	<0.10	1.0	180	1.4	<0.04	1,100
	TMW04102023	10/4/2023	40	<0.30	1.9 J	160	1.3	<1.2	1,000
	TMW04042023	4/21/2023	42	<0.30	1.6 J	170	1.3	<1.2	1,100
	TMW04102022	10/7/2022	33	<0.06	0.76	190	1.2	<0.25	1,100
TMW06	TMW06042024	4/17/2024	11	<0.10	0.89	130	0.82 J	0.056	810
	TMW06102023	10/11/2023	12	<0.12	0.90 J	110	0.91	<0.50	790
	TMW06042023	4/26/2023	13	<0.06	0.65	120	0.94	<0.25	860
	TMW06102022	10/12/2022	8.7	<0.06	0.53	120	0.88	2.4	960
TMW07	TMW07042024	4/12/2024	0.12 J	<0.10	0.67	200	0.38 J	0.020 J	2,100
	TMW07102023	10/6/2023	0.18 J	<0.12	0.79 J	170	0.53	<0.50	1,700
	TMW07042023	4/21/2023	0.19 J	<0.12	0.70 J	180	0.56	<0.50	1,900
	TMW07102022	10/5/2022	0.068 J	<0.06	0.49 J	190	0.53	<0.25	1,900
TMW08	TMW08042024	4/11/2024	5.2	<0.10	4.2	1,700	<0.50	<0.04	9,100
	TMW08102023	10/5/2023	6.1	<0.30	3.6	1,500	0.88	<1.2	7,100
	TMW08042023	4/19/2023	5.5	0.63	3.3	1,600	0.73	<1.2	8,900
	TMW08102022	10/5/2022	4.8	<0.30	3.6	1,700	0.76	<1.3	9,000
TMW10	TMW10042024	4/11/2024	<0.20	<0.10	1.1	680	0.62 J	0.033 J	1,900
	TMW10102023	10/5/2023	<0.12	<0.12	1.5	590	0.87	<0.50	1,400
	TMW10102023FDUP04	10/5/2023	<0.12	<0.12	1.5	600	0.88	<0.50	1,500
	TMW10042023	4/20/2023	0.16 J	<0.12	1.4	670	0.88	<0.50	1,700
	TMW10042023DUP	4/20/2023	0.15 J	<0.12	1.4	620	0.87	<0.50	1,700
	TMW10102022	10/6/2022	<0.06	<0.30	1.1	660	0.81	<0.25	1,600
TMW13	TMW13042024	4/17/2024	3.8	<0.10	0.86	89	1.6	<0.04	340
	TMW13102023	10/11/2023	3.7	<0.06	0.79	74	1.6	<0.25	310
	TMW13102023FDUP09	10/11/2023	3.7	<0.06	0.79	75	1.6	<0.25	310
	TMW13042023	4/26/2023	4.1	<0.06	0.77	79	1.7	<0.25	330
	TMW13102022	10/11/2022	2.8	<0.06	0.61	90	1.6	0.61	360
	TMW13102022DUP	10/11/2022	2.8	<0.06	0.61	84	1.6	0.61	340
TMW15	TMW15042024	4/17/2024	1.5	<0.10	0.75	69	1.9	0.024 J	230
	TMW15102023	10/11/2023	1.6	<0.06	0.70	70	1.8	<0.25	240
	TMW15042023	4/26/2023	1.8	<0.06	0.68	64	1.9	<0.25	240
	TMW15042023DUP	4/26/2023	1.8	<0.06	0.68	63	1.9	<0.25	230
	TMW15102022	10/11/2022	0.89	<0.06	0.56	72	1.9	0.35 J	260
TMW21	TMW21042024	4/16/2024	11	<0.10	0.87	81	0.90 J	0.037 J	550
	TMW21102023	10/12/2023	11	0.075 J	0.69	61	0.92	<0.25	520
	TMW21102023FDUP10	10/12/2023	11	0.67 J	0.69	62	0.92	<0.25	520
	TMW21042023	4/27/2023	12	<0.06	0.66	66	0.96	<0.25	530
	TMW21102022	10/14/2022	8.6	<0.06	0.53	70	0.92	0.65	590
TMW22	TMW22042024	4/12/2024	15	<0.10	0.79	150	1.0	0.048 J	870
	TMW22042024FDUP05	4/12/2024	15	<0.10	0.78	160	0.85 J	0.066	870
	TMW22102023	10/6/2023	14	<0.12	1.0 J	140	0.94	<0.50	820
	TMW22042023	4/21/2023	14	<0.12	0.90 J	150	0.96	<0.50	820
	TMW22102022	10/6/2022	10	<0.06	0.62	160	0.98	<0.25	850
TMW23	TMW23042024	4/12/2024	18	<0.10	0.63	100	0.79 J	0.069	570
	TMW23102023	10/6/2023	32	<0.12	0.89 J	170	0.72	<0.50	960
	TMW23042023	4/21/2023	19	<0.06	0.63	95	0.76	<0.25	560
	TMW23102022	10/7/2022	13	<0.06	0.50 J	120	0.69	<0.25	650
TMW24	TMW24042024	4/16/2024	<0.20	<0.10	2.2	490	0.72 J	0.039 J	630
	TMW24102023	10/9/2023	<0.12	<0.12	1.8	440	0.88	<0.50	530
	TMW24042023	4/24/2023	<0.12	<0.30	1.7	440	0.86	<0.50	570
	TMW24102022	10/13/2022	0.044 J	<0.06	1.3	470	0.79	<0.25	630
TMW25	TMW25042024	4/15/2024	0.29 J	<0.10	0.87	200	0.52 J	<0.04	920
	TMW25102023	10/6/2023	0.34	<0.12	1.2	160	0.67	<0.50	830
	TMW25042023	4/27/2023	0.30	<0.06	0.92	180	0.63	<0.25	870
	TMW25102022	10/12/2022	0.18	<0.06	0.79	210	0.59	0.19 J	940

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS

Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW26	TMW26042024	4/10/2024	<0.20	<0.10	1.5	270	1.8	0.044 J	790
	TMW26102023	10/4/2023	<0.30	<0.30	2.0 J	250	1.9	<1.2	660
	TMW26042023	4/19/2023	0.064 J	<0.06	1.1	260	2.0	<0.25	680
	TMW26102022	10/4/2022	<0.06	<0.06	1.2	260	2.0	<0.25	710
TMW28	TMW28042024	4/15/2024	<0.20	<0.10	1.1	170	0.48 J	0.29	870
	TMW28102023	10/10/2023	0.19	<0.06	0.65	98	0.61	0.38 J	530
	TMW28042023	4/24/2023	<0.06	<0.06	1.1	230	0.43	0.14 J	1,100
	TMW28102022	10/7/2022	<0.06	<0.06	0.42 J	87	0.64	0.25 J	430
TMW29	TMW29042024	4/12/2024	4.4	<0.10	0.68	71	1.1	0.047 J	400
	TMW29102023	10/6/2023	4.4	<0.06	0.75	64	1.2	0.20 J	360
	TMW29042023	4/21/2023	4.4	<0.06	0.72	68	1.2	<0.25	350
	TMW29102022	10/6/2022	2.9	<0.06	0.61	71	1.2	<0.25	370
TMW31S	TMW31S042024	4/11/2024	7.4	<0.10	2.2	190	0.32 J	0.030 J	930
	TMW31S102023	10/5/2023	7.4	<0.06	1.6	180	0.38	<0.25	810
	TMW31S042023	4/19/2023	8.0	<0.06	1.6	180	0.39	<0.25	890
	TMW31S102022	10/6/2022	5.7	<0.06	1.3	180	0.38	<0.25	1,000
TMW33	TMW33042024	4/12/2024	0.097 J	<0.10	3.2	930	1.4	0.021 J	3,800
	TMW33102023	10/6/2023	<0.12	<0.12	2.2	870	0.60	<0.50	2,900
	TMW33042023	4/21/2023	<0.30	<0.60	2.9	890	0.64	<1.2	3,100
	TMW33102022	10/7/2022	<0.06	<0.30	1.9	930	0.20	<0.25	3,400
TMW34	TMW34042024	4/16/2024	65	<0.10	1.5	240	0.23 J	<0.04	1,500
	TMW34102023	10/10/2023	63	<0.12	1.3	190	0.41	<0.50	1,500
	TMW34102023FDUP07	10/10/2023	66	<0.12	1.2	200	0.38	<0.50	1,500
	TMW34042023	4/26/2023	71	0.14 J	1.3	220	0.41	<0.50	1,600
	TMW34102022	10/11/2022	56	<0.06	0.85	220	0.24	<0.25	1,600
	TMW34102022DUP	10/11/2022	52	<0.06	0.86	270	0.25	<0.25	1,700
TMW35	TMW35042024	4/17/2024	5.2	<0.10	0.91	260	0.53 J	0.027 J	1,400
	TMW35102023	10/11/2023	5.4	<0.12	0.85 J	240	0.67	<0.50	1,100
	TMW35042023	4/26/2023	6.1	<0.06	0.61	270	0.66	<0.25	1,200
	TMW35102022	10/11/2022	2.8	<0.06	0.51	310	0.54	0.85	1,500
TMW39S	TMW39S042024	4/12/2024	8.7	<0.10	2.4	280	0.44 J	0.030 J	1,300
	TMW39S102023	10/6/2023	8.9	<0.06	1.8	190	0.50	<0.25	1,000
	TMW39S042023	4/20/2023	9.1	<0.06	2.1	240	0.56	<0.25	1,200
	TMW39S102022	10/7/2022	6.4	<0.06	1.6	240	0.54	<0.25	1,300
TMW41	TMW41042024	4/12/2024	5.3	<0.10	1.8	260	0.61 J	<0.04	1,000
	TMW41102023	10/6/2023	5.2	<0.12	1.8	260	0.70	<0.50	920
	TMW41042023	4/21/2023	5.3	<0.06	1.7	250	0.71	<0.25	930
	TMW41102022	10/7/2022	3.4	<0.60	1.3	280	0.69	<0.25	1,200
TMW43	TMW43042024	4/16/2024	5.6	<0.10	0.81	74	1.3	0.020 J	440
	TMW43102023	10/10/2023	6.7	<0.06	0.67	60	1.2	<0.25	390
	TMW43042023	4/25/2023	7.2	<0.06	0.67	65	1.3	<0.25	420
	TMW43042023DUP	4/25/2023	7.2	<0.06	0.68	63	1.3	<0.25	420
	TMW43102022	10/11/2022	4.7	<0.06	0.54	73	1.3	0.90	440
TMW44	TMW44042024	4/8/2024	47	<0.10	0.58	120	0.80 J	0.13	740
	TMW44102023	10/2/2023	53	<0.12	0.95 J	110	1.0	<0.50	710
	TMW44042023	4/18/2023	52	0.076 J	0.67	110	0.96	<0.25	700
	TMW44102022	10/4/2022	47	<0.06	0.54	110	0.99	<0.25	730
TMW45	TMW45042024	4/16/2024	1.7	<0.10	0.67	190	0.61 J	0.042 J	600
	TMW45102023	10/11/2023	1.6	<0.30	1.6 J	180	0.83	<1.2	500
	TMW45042023	4/25/2023	1.9	<0.12	0.60	180	0.73	<0.25	540
	TMW45102022	10/12/2022	1.1	<0.06	0.48 J	180	0.65	0.27 J	530
TMW46	TMW46042024	4/8/2024	76	<0.10	1.1	260	0.50 J	<0.04	1,900
	TMW46102023	10/2/2023	79	<0.12	1.4	240	0.38	<0.50	1,800
	TMW46042023	4/18/2023	77	<0.12	1.3	240	0.36	<0.50	1,800
	TMW46102022	10/4/2022	70	<0.06	1.3	230	0.30	<0.25	1,700
	TMW46102022DUP	10/4/2022	74	<0.06	1.3	260	0.30	<0.25	1,800

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW47	TMW47042024	4/18/2024	<0.20	<0.10	0.35 J	74	1.8	0.022 J	810
	TMW47042024FDUP10	4/18/2024	<0.20	<0.10	0.34 J	74	1.8	0.024 J	820
	TMW47102023	10/12/2023	<0.06	<0.06	0.46 J	66	1.8	<0.25	760
	TMW47042023	4/27/2023	0.070 J	<0.06	0.38 J	68	1.9	<0.25	790
	TMW47102022	10/13/2022	<0.06	<0.06	0.36 J	88	2.0	0.21 J	840
TMW57	TMW57042024	4/15/2024	1.0	<0.10	0.83	72	2.2	0.022 J	230
	TMW57102023	10/9/2023	1.2	<0.06	0.74	63	2.2	<0.25	210
	TMW57042023	4/24/2023	1.2	<0.06	0.67	62	2.1	<0.25	230
	TMW57102022	10/10/2022	0.81	<0.06	0.54	62	2.2	0.28 J	220
TMW59	TMW59042024	4/15/2024	48	<0.10	0.62	92	0.92 J	0.029 J	850
	TMW59102023	10/9/2023	43	<0.12	0.94 J	83	1.0	<0.50	740
	TMW59042023	4/24/2023	42	0.089 J	0.64	88	0.95	<0.25	750
	TMW59102022	10/10/2022	36	<0.06	0.53	100	0.97	<0.25	790
TMW61	TMW61042024	4/15/2024	20	<0.10	2.7	600	0.48 J	0.035 J	2,000
	TMW61102023	10/9/2023	22	<0.30	2.3 J	530	0.85	<1.2	1,600
	TMW61042023	4/24/2023	21	<0.30	1.5	560	0.71	<0.50	1,700
	TMW61102022	10/10/2022	17	<0.06	1.0	600	0.44	<0.25	1,800
TMW62	TMW62042024	4/12/2024	23	<0.10	0.53	72	1.0	0.024 J	720
	TMW62102023	10/6/2023	24	<0.12	0.84 J	67	0.94	<0.50	650
	TMW62042023	4/21/2023	24	<0.06	0.58	64	0.98	<0.25	680
	TMW62102022	10/7/2022	17	<0.06	0.47 J	63	0.97	<0.25	760
Bedrock Wells									
BGMW07	BGMW07042024	4/9/2024	8.5	<0.10	58	11,000	1.3	<0.04	1,500
	BGMW07102023	10/3/2023	<0.30	<1.2	7.5	10,000	0.64 J	<1.2	1,200
	BGMW07042023	4/24/2023	0.35 J	<3.0	7.0	10,000	<0.25	<1.2	2,500
	BGMW07102022	10/3/2022	<0.60	<1.2	7.0	11,000	0.51 J	<2.5	1,200
BGMW08	BGMW08102023	10/2/2023	0.58	<0.60	3.8	4,800	0.53	<1.2	2,400
	BGMW08042023	4/20/2023	0.65	<0.60	3.9	4,900	0.52	<1.2	2,400
	BGMW08102022	10/3/2022	<0.60	<0.60	4.4 J	5,300	0.61 J	<2.5	2,600
BGMW09	BGMW09042024	4/8/2024	0.93	<0.10	1.2	440	0.65 J	0.018 J	1,700
	BGMW09102023	10/3/2023	2.0	<0.60	2.7 J	440	1.1	<2.5	1,700
	BGMW09042023	4/17/2023	0.71	<0.06	0.38 J	480	0.86	<0.25	1,800
	BGMW09102022	10/12/2022	0.77	<0.06	0.31 J	500	0.64	0.21 J	1,800
BGMW10	BGMW10042024	4/9/2024	<0.20	<0.10	0.28 J	85	0.57 J	<0.04	950
	BGMW10042024FDUP02	4/9/2024	0.092 J	<0.10	0.29 J	84	0.58 J	<0.04	940
	BGMW10102023	10/3/2023	0.077 J	<0.06	0.45 J	69	0.61	<0.25	850
	BGMW10102023FDUP02	10/3/2023	0.081 J	<0.06	0.45 J	70	0.63	<0.25	900
	BGMW10042023	4/18/2023	0.066 J	<0.06	0.39 J	77	0.63	<0.25	880
	BGMW10042023DUP	4/18/2023	0.081 J	<0.06	0.38 J	79	0.63	<0.25	880
TMW14A	BGMW10102022	10/4/2022	<0.06	<0.06	0.42 J	77	0.63	<0.25	740
	TMW14A102023	10/12/2023	0.062 J	<0.06	0.80	180	0.51	<0.25	350
	TMW14A042023	4/21/2023	<0.06	<0.06	0.80	150	0.54	<0.25	350
TMW17	TMW14A102022	10/10/2022	<0.06	<0.06	0.75	180	0.53	<0.25	390
	TMW17042024	4/15/2024	<0.20	<0.10	0.62	130	0.76 J	0.021 J	470
	TMW17102023	10/9/2023	<0.06	<0.06	0.57	120	0.79	<0.25	450
	TMW17042023	4/21/2023	<0.06	<0.06	0.53	130	0.83	<0.25	470
	TMW17042023DUP	4/21/2023	<0.06	<0.06	0.53	130	0.84	<0.25	470
TMW18	TMW17102022	10/10/2022	<0.06	<0.06	0.47 J	140	0.79	<0.25	510
	TMW18042024	4/8/2024	<0.20	<0.10	<0.50	110	1.9	<0.04	1,000
	TMW18102023	10/2/2023	<0.12	<0.12	0.73 J	98	2.1	<0.50	1,000
	TMW18042023	4/20/2023	0.064 J	<0.06	0.29 J	100	2.0	<0.25	1,200
	TMW18102022	10/3/2022	0.059 J	<0.06	0.29 J	99	2.2	<0.25	1,200

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS

Groundwater Periodic Monitoring Report — January through June 2024
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
TMW30	TMW30042024	4/10/2024	11	<0.10	1.1	85	0.40 J	0.045 J	580
	TMW30102023	10/4/2023	14	<0.06	0.85	74	0.42	<0.25	590
	TMW30042023	4/19/2023	14	<0.06	0.83	74	0.43	<0.25	580
	TMW30102022	10/5/2022	10	<0.06	0.69	78	0.43	<0.25	670
TMW31D	TMW31D042024	4/16/2024	10	<0.10	1.6	180	0.29 J	0.025 J	970
	TMW31D042024FDUP08	4/16/2024	11	<0.10	1.5	180	0.29 J	0.026 J	970
	TMW31D102023	10/10/2023	0.67	<0.12	1.1	590	0.66	<0.50	1,100
	TMW31D042023	4/25/2023	0.51	<0.30	1.1	650	0.68	<0.50	1,300
	TMW31D102022	10/11/2022	4.1	<0.06	0.80	290	0.43	0.71	1,100
TMW32	TMW32042024	4/17/2024	3.1	<0.10	1.3	180	0.40 J	<0.04	1,100
	TMW32102023	10/12/2023	1.9	<0.12	1.2	180	0.67	<0.50	1,000
	TMW32042023	4/27/2023	1.4	<0.06	0.91	210	0.71	<0.25	1,100
	TMW32102022	10/13/2022	1.3	<0.06	0.74	230	0.68	0.26 J	1,100
TMW36	TMW36042024	4/8/2024	<0.20	<0.10	0.28 J	140	0.56 J	<0.04	940
	TMW36102023	10/2/2023	<0.12	<0.12	0.79 J	120	0.74	<0.50	920
	TMW36042023	4/17/2023	0.073 J	<0.06	0.39 J	130	0.68	<0.25	970
	TMW36102022	10/3/2022	<0.06	<0.06	0.40 J	170	0.70	<0.25	990
TMW37	TMW37042024	4/9/2024	<0.20	<0.10	0.41 J	200	0.87 J	0.021 J	700
	TMW37102023	10/3/2023	0.066 J	<0.06	0.56	200	0.91	<0.25	630
	TMW37042023	4/18/2023	0.083 J	<0.06	0.50	210	0.94	<0.25	610
	TMW37102022	10/4/2022	<0.06	<0.06	0.62	310	1.2	<0.25	960
TMW38	TMW38042024	4/18/2024	0.15 J	<0.10	0.54	270	1.6	0.049 J	1,200
	TMW38102023	10/12/2023	<0.06	<0.06	0.41 J	260	1.7	<0.25	950
	TMW38042023	4/27/2023	<0.12	<0.12	0.69 J	460	1.3	<0.50	1,300
	TMW38102022	10/12/2022	<0.06	<0.06	0.36 J	210	1.8	<0.25	930
TMW39D	TMW39D042024	4/11/2024	0.14 J	<0.10	1.1	380	0.69 J	<0.04	1,100
	TMW39D102023	10/9/2023	1.0	<0.12	1.0	300	0.69	<0.50	950
	TMW39D042023	4/25/2023	0.099 J	<0.12	0.75	340	0.78	<0.25	1,000
	TMW39D102022	10/14/2022	0.33	<0.30	0.58	350	0.67	<0.25	1,100
TMW40D	TMW40D042024	4/15/2024	1.3	<0.10	0.82	160	0.37 J	<0.04	1,100
	TMW40D102023	10/6/2023	1.5	<0.12	0.92	130	0.43	<0.25	980
	TMW40D042023	4/25/2023	1.5	0.13	0.91	140	0.45	<0.25	1,000
	TMW40D102022	10/14/2022	1.2	<0.30	0.69	150	0.41	0.21 J	1,100
TMW48	TMW48042024	4/16/2024	9.2	<0.10	1.7	170	0.27 J	0.022 J	1,100
	TMW48102023	10/6/2023	8.8	<0.12	1.2	140	0.34	<0.25	920
	TMW48042023	4/25/2023	10	0.084 J	1.2	150	0.34	<0.25	990
	TMW48042023DUP	4/25/2023	10	0.089 J	1.2	140	0.34	<0.25	990
	TMW48102022	10/14/2022	6.7	<0.06	0.86	170	0.35	0.44 J	1,200
TMW49	TMW49042024	4/18/2024	5.7	<0.10	1.4	220	0.27 J	0.020 J	1,000
	TMW49102023	10/9/2023	1.5	<0.12	1.2	360	0.57	<0.50	1,300
	TMW49042023	4/26/2023	1.9	<0.12	0.95	350	0.52	<0.25	1,400
	TMW49102022	10/13/2022	0.068 J	<0.06	0.46 J	510	0.57	<0.25	1,800
TMW50	TMW50042024	4/10/2024	0.13 J	<0.10	1.5	180	0.46 J	0.038 J	610
	TMW50102023	10/4/2023	0.077 J	<0.06	1.1	180	0.43	<0.25	550
	TMW50042023	4/19/2023	0.13	<0.06	1.1	190	0.47	<0.25	520
	TMW50102022	10/5/2022	0.066 J	<0.06	0.92	200	0.48	<0.25	600
TMW51	TMW51042024	4/12/2024	3.0	<0.10	1.1	130	0.56 J	0.12	960
	TMW51102023	10/6/2023	6.9	<0.06	1.0	120	0.39	<0.25	920
	TMW51042023	4/21/2023	7.4	<0.12	1.1	150	0.43	<0.50	990
	TMW51102022	10/5/2022	5.3	<0.06	0.80	140	0.41	<0.25	1,000
	TMW51102022DUP	10/5/2022	5.1	<0.06	0.80	130	0.41	<0.25	1,100
TMW52	TMW52042024	4/15/2024	0.72	<0.10	0.46 J	75	1.6	0.045 J	440
	TMW52102023	10/11/2023	0.69	<0.06	0.44 J	65	1.6	<0.25	400
	TMW52042023	4/25/2023	0.14	<0.06	0.36 J	65	2.2	<0.25	450
	TMW52102022	10/10/2022	0.38	<0.06	0.36 J	87	1.3	0.18 J	420

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW53	TMW53042024	4/15/2024	<0.20	<0.10	0.34 J	93	3.1	0.038 J	260
	TMW53102023	10/9/2023	0.098 J	<0.06	0.42 J	81	3.0	0.20 J	230
	TMW53042023	4/24/2023	0.11	<0.06	0.35 J	83	2.9	<0.25	230
	TMW53102022	10/10/2022	0.045 J	<0.06	0.32 J	93	3.0	<0.25	280
TMW55	TMW55042024	4/12/2024	0.10 J	<0.10	0.62	140	0.66 J	0.029 J	920
	TMW55102023	10/6/2023	0.33	<0.06	0.62	120	0.75	0.21 J	750
	TMW55042023	4/21/2023	0.060 J	<0.06	0.59	130	0.70	<0.25	770
	TMW55102022	10/7/2022	<0.06	<0.06	0.50	180	0.69	<0.25	870
TMW58	TMW58042024	4/9/2024	0.15 J	<0.10	0.28 J	120	1.3	0.028 J	880
	TMW58102023	10/4/2023	0.11	<0.06	0.43 J	110	1.3	<0.25	810
	TMW58042023	4/24/2023	0.082 J	<0.06	0.37 J	110	1.3	<0.25	860
	TMW58102022	10/4/2022	0.045 J	<0.06	0.41 J	94	1.4	<0.25	870
TMW63	TMW63042024	4/10/2024	<0.20	<0.10	0.45 J	140	0.56 J	<0.04	1,100
	TMW63102023	10/4/2023	<0.06	<0.06	0.43 J	120	0.57	<0.25	960
	TMW63042023	4/19/2023	<0.06	<0.06	0.39 J	130	0.58	<0.25	980
	TMW63102022	10/5/2022	<0.06	<0.06	0.41 J	130	0.62	<0.25	1,100
TMW64	TMW64042024	4/17/2024	0.41 J	<0.10	1.3	150	0.20 J	<0.04	930
	TMW64042024FDUP09	4/17/2024	0.44 J	<0.10	1.4	150	0.20 J	<0.04	930
	TMW64102023	10/11/2023	0.43	<0.06	1.0	120	0.23	<0.25	820
	TMW64042023	4/26/2023	0.38	<0.06	0.99	130	0.26	<0.25	860
	TMW64102022	10/7/2022	1.8	<0.06	0.81	140	0.23	<0.25	1,100

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 2024
Fort Wingate Depot Activity, New Mexico

[illegible]

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																
			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
MW18D	MW18D042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	MW18D102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW18D042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW18D102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW20	MW20042024	4/17/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.43	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	MW20102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW20042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW20102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW22D	MW22D042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	MW22D102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW22D042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW22D102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW23	MW23042024	4/8/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.43	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	MW23102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW23042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW23102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW24	MW24042024	4/9/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	MW24102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW24042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW24102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW25	MW25042024	4/16/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	MW25102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW25042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW25102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW26	MW26042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	MW26102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW26042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW26102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW27	MW27042024	4/9/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	MW27102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW27042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW27102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW28	MW28042024	4/11/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.39	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	MW28042024FDUP04	4/11/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.39	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	MW28102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW28042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW29	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
	MW29042024	4/11/2024	<0.23	<0.12	<0.12	<0.09	<0.09	<0.12	<0.23	NA	<0.41	<0.14	<0.47	<0.23	<0.23	<2.3	<1.2	<0.23	<0.12
	MW29102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW29042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW30	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
	MW30042024	4/18/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	MW30102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW30042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW30	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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																
			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.9	43	1,000	1.4	2	170	9.7	39	
MW31	MW31042024	4/18/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.38	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	MW31102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW31042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW31102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW32	MW32042024	4/8/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.39	<0.13	<0.45	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	MW32102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW32042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW32102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW33	MW33042024	4/15/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	MW33042024FDUP07	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	MW33102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW33042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW34	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
	MW34042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	MW34102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW34042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW35	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
	MW35042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	MW35042024FDUP06	4/15/2024	<0.23	<0.11	<0.11	<0.09	<0.09	<0.11	<0.23	NA	<0.40	<0.14	<0.45	<0.23	<0.23	<2.3	<1.1	<0.23	<0.11
	MW35102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW36	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
	MW36D042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
MW36D	MW36D102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36D042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S042024	4/15/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
MW36S	MW36S102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37042024	4/8/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.39	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
MW37	MW37102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37102022DUP	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW38	MW38042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	MW38102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW38042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW38102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
MW39	MW39042024	4/10/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	MW39102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW39042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW39102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																
			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
SMW01	SMW01042024	4/10/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	SMW01102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.13 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01042023DUP	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW01	TMW01042024	4/12/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	0.21 J	<0.11
	TMW01102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.29 J	<62	<62	<0.20	<0.20
	TMW01042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW01102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW02	TMW02042024	4/12/2024	<0.21	<0.11	<0.11	<0.09	<0.09	0.063 J	<0.21	NA	<0.38	<0.13	<0.43	1.9	<0.21	<2.1	<1.1	1.2	<0.11
	TMW02102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.19 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102023FDUP05	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.12 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.24 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02042023DUP	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.24 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.21 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102022DUP	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.19 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW03	TMW03042024	4/16/2024	<0.23	<0.11	<0.11	<0.09	<0.09	0.56	<0.23	NA	<0.39	<0.14	<0.45	27	<0.23	<2.3	<1.1	350	<0.11
	TMW03102023	10/10/2023	0.34 J	<10	<10	0.31 J	<10	0.58 J	<10	5.1	<10	0.80 J	<10	5.1	<10	<62	<62	290	<10
	TMW03102023FDUP06	10/10/2023	0.33 J	<10	<10	0.35 J	<10	0.50 J	<10	5.5	<10	0.75 J	<10	4.6	<10	<62	<62	280	<10
	TMW03042023	4/24/2023	0.42 J	<20	<20	0.34 J	<20	0.60 J	<20	5.4	<20	0.99 J	<20	5.6	<20	<62	<62	330	<20
	TMW03042023DUP	4/24/2023	0.43 J	<20	<20	0.30 J	<20	0.49 J	<20	5.0	<20	0.62 J	<20	5.2	<20	<62	<62	320	<20
TMW04	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
	TMW04042024	4/12/2024	<0.22	<0.11	<0.11	<0.09	<0.09	0.95	<0.22	NA	<0.39	<0.13	<0.45	<0.22	<0.22	<2.2	<1.1	5.2	<0.11
	TMW04102023	10/4/2023	1.1	0.12 J	<0.20	<0.20	<0.20	0.85 J	<0.20	0.53	<0.20	0.83 J	<0.20	<0.20	<0.20	<62	<62	1.0	<0.20
	TMW04042023	4/21/2023	1.5	<0.20	<0.20	<0.20	<0.20	0.90 J	<0.20	0.45	<0.20	0.76 J	<0.20	<0.20	<0.20	<62	<62	1.8	<0.20
TMW06	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
	TMW06042024	4/17/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW06102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW06042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW07	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
	TMW07042024	4/12/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW07102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW07042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW10	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
	TMW10042024	4/11/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW10102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10102023FDUP04	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10042023DUP	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW15	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
	TMW15102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15042023DUP	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW21	TMW21042024	4/16/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW21102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21102023FDUP10	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW22	TMW22042024	4/12/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW22042024FDUP05	4/12/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	TMW22102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW22042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW22102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW23	TMW23042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	71	<0.10
	TMW23102023	10/6/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<62	<62	46	<1.0
	TMW23042023	4/21/2023	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0	<2.0	<62	<62	47	<2.0
	TMW23102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	51	<0.20
TMW24	TMW24042024	4/16/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW24102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW24042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW24102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW25	TMW25042024	4/15/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW25102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW25042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW25102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW26	TMW26042024	4/10/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	TMW26102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW26042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW26102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW29	TMW29042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW29102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW29042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW29102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW31S	TMW31S042024	4/11/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	TMW31S102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31S042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31S102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW39S	TMW39S042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW39S102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39S042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39S102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW41	TMW41042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW41102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW41042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW41102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
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
TMW43	TMW43042024	4/16/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	2.4	<0.11
	TMW43102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.33 J	<0.20	<62	<62	1.6	<0.20
	TMW43042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	0.30 J	<0.20	<62	<62	1.9	<0.20
	TMW43042023DUP	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	0.28 J	<0.20	<62	<62	2.0	<0.20
	TMW43102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	2.0	<0.20
TMW44	TMW44042024	4/8/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	7.1	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW44102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW44042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW44102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45042024	4/16/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
TMW45	TMW45102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW46	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
	TMW47042024	4/18/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW47042024FDUP10	4/18/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW47102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.93 J	<62	<62	<0.20	<0.20
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
	TMW56042024	4/10/2024	<0.19	<0.10	<0.10	<0.08	<0.08	<0.10	<0.19	NA	<0.33	<0.11	<0.38	<0.19	<0.19	<1.9	<0.95	<0.19	<0.10
	TMW57042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW57102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
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
	TMW59042024	4/15/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.42	<0.21	<0.21	<2.1	<1.0	100	<0.10
	TMW59102023	10/9/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<62	<62	53	<1.0
	TMW59042023	4/24/2023	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0	<2.0	<62	<62	64	<2.0
TMW59	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
	TMW61042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW61102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW61042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW61102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW61	TMW62042024	4/12/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	39	<0.11
	TMW62102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	15	<0.20
	TMW62042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	16	<0.20
	TMW62102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	15	<0.20
	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
Bedrock Wells																			
BGMW07	BGMW07042024	4/9/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.39	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	BGMW07102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW07042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW07102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
BGMW08	BGMW08102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW08042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW08102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
BGMW09	BGMW09042024	4/8/2024	<0.23	<0.11	<0.11	<0.09	<0.09	<0.11	<0.23	NA	<0.40	<0.14	<0.45	<0.23	<0.23	<2.3	<1.1	<0.23	<0.11
	BGMW09102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09042023DUP	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
BGMW10	BGMW10042024	4/9/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	BGMW10042024FDUP02	4/9/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	BGMW10102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10102023FDUP02	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10042023DUP	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW14A	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
	TMW14A102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW14A042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW14A102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW16	TMW16102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16102023FDUP01	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW18	TMW18042024	4/8/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.44	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	TMW18102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW18042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW18102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW19	TMW19042024	4/8/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW19102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW19042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW19102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW30	TMW30042024	4/10/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW30102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.28 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW30042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW30102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW31D	TMW31D042024	4/16/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	0.23	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW31D042024FDUP08	4/16/2024	<0.21	0.17	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW31D102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW32	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
	TMW32042024	4/17/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW32102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW32042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW32102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																
			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
TMW36	TMW36042024	4/8/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW36102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW36042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW36102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW37	TMW37102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW37042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW37102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW38	TMW38042024	4/18/2024	<0.21	<0.11	<0.11	<0.09	<0.09	<0.11	<0.21	NA	<0.37	<0.13	<0.43	<0.21	<0.21	<2.1	<1.1	<0.21	<0.11
	TMW38102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.52 J	<62	<62	<0.20	<0.20
	TMW38042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	2.5	<62	<62	<0.20	<0.20
	TMW38102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW39D	TMW39D042024	4/11/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW39D102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW40D	TMW40D042024	4/15/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW40D102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW40D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW40D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW48	TMW48042024	4/16/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW48102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.22 J	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48042023DUP	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW49	TMW49042024	4/18/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	2.0	<0.21	2.2	<1.1	<0.21	<0.11
	TMW49102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW49042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1.0	<62	<62	<0.20	<0.20
	TMW49102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW50	TMW50042024	4/10/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW50102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW50042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW50102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW51	TMW51042024	4/12/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	0.11 J	<0.10
	TMW51102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51102022DUP	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW52	TMW52042024	4/15/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<0.99	<0.20	<0.10
	TMW52102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW52042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW52102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
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	TMW53042024	4/15/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.36	<0.12	<0.41	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW53102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW53042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW53102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW55	TMW55042024	4/12/2024	<0.21	<0.11	<0.11	<0.08	<0.08	<0.11	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.1	0.077 J	<0.11
	TMW55102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW55042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW55102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW58	TMW58042024	4/9/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.36	<0.12	<0.41	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW58102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW58042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW58102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW63	TMW63042024	4/10/2024	<0.22	<0.11	<0.11	<0.09	<0.09	<0.11	<0.22	NA	<0.38	<0.13	<0.43	<0.22	<0.22	<2.2	<1.1	<0.22	<0.11
	TMW63102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW63042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW63102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW64	TMW64042024	4/17/2024	<0.20	<0.10	<0.10	<0.08	<0.08	<0.10	<0.20	NA	<0.35	<0.12	<0.40	<0.20	<0.20	<2.0	<1.0	<0.20	<0.10
	TMW64042024FDUP09	4/17/2024	<0.21	<0.10	<0.10	<0.08	<0.08	<0.10	<0.21	NA	<0.37	<0.13	<0.42	<0.21	<0.21	<2.1	<1.0	<0.21	<0.10
	TMW64102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW64042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW64102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20

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 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
Alluvial Wells			
BGMW01	BGMW01042024	4/9/2024	0.66
	BGMW01102023	10/3/2023	0.80
	BGMW01042023	4/18/2023	0.82 J
	BGMW01102022	10/5/2022	0.82 J
BGMW02	BGMW02042024	4/9/2024	0.27
	BGMW02102023	10/3/2023	0.55
	BGMW02042023	4/18/2023	0.49 J
	BGMW02102022	10/5/2022	0.62 J
BGMW03	BGMW03042024	4/8/2024	<0.10
	BGMW03102023	10/2/2023	<0.50
	BGMW03042023	4/18/2023	<0.50
	BGMW03102022	10/3/2022	<0.50
	BGMW03102022DUP	10/3/2022	<0.50
BGMW11	BGMW11042024	4/11/2024	0.049 J
	BGMW11102023	10/4/2023	<0.50
	BGMW11042023	4/19/2023	<2.0
	BGMW11102022	10/13/2022	<0.50
BGMW12	BGMW12042024	4/8/2024	<0.10
	BGMW12102023	10/2/2023	<1.0
	BGMW12042023	4/17/2023	<1.0
	BGMW12102022	10/3/2022	<0.50
BGMW13D	BGMW13D042024	4/16/2024	<0.10
	BGMW13D102023	10/10/2023	<0.50
	BGMW13D102023FDUP08	10/10/2023	<0.50
	BGMW13D042023	4/25/2023	<0.50
	BGMW13D102022	10/12/2022	<0.50
BGMW13S	BGMW13S042024	4/16/2024	0.077 J
	BGMW13S102023	10/10/2023	<0.50
	BGMW13S042023	4/25/2023	<0.50
	BGMW13S102022	10/12/2022	<0.50
	BGMW13S102022DUP	10/12/2022	<0.50
MW01	MW01042024	4/9/2024	<0.10
	MW01102023	10/3/2023	<0.50
	MW01042023	4/18/2023	<0.50
	MW01102022	10/4/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW02	MW02042024	4/10/2024	<0.10
	MW02102023	10/3/2023	<1.0
	MW02042023	4/18/2023	<0.50
	MW02102022	10/4/2022	<0.50
MW03	MW03042024	4/11/2024	<0.10
	MW03102023	10/5/2023	<0.50
	MW03042023	4/20/2023	<0.50
	MW03102022	10/6/2022	<0.50
	MW03102022DUP	10/6/2022	<0.50
MW18D	MW18D042024	4/15/2024	<0.10
	MW18D102023	10/11/2023	<0.50
	MW18D042023	4/26/2023	<1.0
	MW18D102022	10/12/2022	<1.0
MW20	MW20042024	4/17/2024	0.33
	MW20102023	10/11/2023	0.52 J
	MW20042023	4/26/2023	0.56 J
	MW20102022	10/12/2022	<0.50
MW22D	MW22D042024	4/12/2024	0.48
	MW22D102023	10/12/2023	0.63 J
	MW22D042023	4/27/2023	0.81 J
	MW22D102022	10/13/2022	0.72 J
MW23	MW23042024	4/8/2024	<0.10
	MW23102023	10/2/2023	<0.50
	MW23042023	4/24/2023	<1.0
	MW23102022	10/3/2022	<0.50
MW24	MW24042024	4/9/2024	<0.10
	MW24102023	10/3/2023	<0.50
	MW24042023	4/18/2023	<0.50
	MW24102022	10/13/2022	<0.50
MW25	MW25042024	4/16/2024	0.12 J
	MW25102023	10/6/2023	<0.50
	MW25042023	4/21/2023	<0.50
	MW25102022	10/11/2022	<0.50
MW26	MW26042024	4/15/2024	<0.10
	MW26102023	10/9/2023	<0.50
	MW26042023	4/24/2023	<0.50
	MW26102022	10/10/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW27	MW27042024	4/9/2024	<0.10
	MW27102023	10/9/2023	<0.50
	MW27042023	4/24/2023	<0.50
	MW27102022	10/7/2022	<0.50
MW28	MW28042024	4/11/2024	0.20
	MW28042024FDUP04	4/11/2024	0.60 J
	MW28102023	10/6/2023	<0.50
	MW28042023	4/18/2023	<0.50
	MW28102022	10/4/2022	<0.50
MW29	MW29042024	4/11/2024	0.15 J
	MW29102023	10/6/2023	0.34 J
	MW29042023	4/21/2023	<1.0
	MW29102022	10/5/2022	<0.50
MW30	MW30042024	4/18/2024	<0.10
	MW30102023	10/9/2023	<0.50
	MW30042023	4/26/2023	<0.50
	MW30102022	10/7/2022	<0.50
MW31	MW31042024	4/18/2024	0.12 J
	MW31102023	10/9/2023	<0.50
	MW31042023	4/26/2023	<0.50
	MW31102022	10/7/2022	<0.50
MW32	MW32042024	4/8/2024	0.20
	MW32102023	10/2/2023	<0.50
	MW32042023	4/17/2023	<0.50
	MW32102022	10/3/2022	<0.50
MW33	MW33042024	4/15/2024	<0.10
	MW33042024FDUP07	4/15/2024	<0.10
	MW33102023	10/9/2023	<0.50
	MW33042023	4/24/2023	<0.50
	MW33102022	10/10/2022	<0.50
MW34	MW34042024	4/15/2024	<0.10
	MW34102023	10/9/2023	<0.50
	MW34042023	4/24/2023	<1.0
	MW34102022	10/10/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW35	MW35042024	4/15/2024	<0.10
	MW35042024FDUP06	4/15/2024	<0.10
	MW35102023	10/9/2023	<0.10
	MW35042023	4/24/2023	<0.50
	MW35102022	10/11/2022	<0.10
	MW35102022DUP	10/11/2022	<0.10
MW36D	MW36D042024	4/15/2024	<0.10
	MW36D102023	10/5/2023	<0.50
	MW36D042023	4/24/2023	<0.50
	MW36D102022	10/14/2022	<0.50
MW36S	MW36S042024	4/15/2024	<0.10
	MW36S102023	10/5/2023	<0.50
	MW36S042023	4/24/2023	<0.50
	MW36S102022	10/14/2022	<0.10
MW37	MW37042024	4/8/2024	<0.10
	MW37102023	10/11/2023	<0.50
	MW37042023	4/25/2023	<1.0
	MW37102022	10/10/2022	<0.50
	MW37102022DUP	10/10/2022	<0.50
MW38	MW38042024	4/15/2024	<0.10
	MW38102023	10/9/2023	<0.50
	MW38042023	4/27/2023	<0.50
	MW38102022	10/10/2022	<0.50
MW39	MW39042024	4/10/2024	<0.10
	MW39102023	10/9/2023	<0.50
	MW39042023	4/27/2023	<0.50
	MW39102022	10/13/2022	<0.10
SMW01	SMW01042024	4/10/2024	<0.10
	SMW01102023	10/4/2023	<0.50
	SMW01042023	4/19/2023	<0.50
	SMW01042023DUP	4/19/2023	<0.50
	SMW01102022	10/4/2022	<0.50
TMW01	TMW01042024	4/12/2024	250
	TMW01102023	10/6/2023	310
	TMW01042023	4/20/2023	280
	TMW01102022	10/6/2022	260

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW02	TMW02042024	4/12/2024	8.4
	TMW02102023	10/6/2023	7.8
	TMW02102023FDUP05	10/6/2023	8.3
	TMW02042023	4/21/2023	8.4
	TMW02042023DUP	4/21/2023	9.4
	TMW02102022	10/7/2022	6.3
	TMW02102022DUP	10/7/2022	6.3
TMW03	TMW03042024	4/16/2024	0.68
	TMW03102023	10/10/2023	0.92
	TMW03102023FDUP06	10/10/2023	0.89
	TMW03042023	4/24/2023	1.8 J
	TMW03042023DUP	4/24/2023	0.78 J
	TMW03102022	10/10/2022	<0.50
TMW04	TMW04042024	4/12/2024	0.28
	TMW04102023	10/4/2023	0.46
	TMW04042023	4/21/2023	0.46 J
	TMW04102022	10/7/2022	0.51 J
TMW08	TMW08042024	4/11/2024	<0.10
	TMW08102023	10/5/2023	<0.50
	TMW08042023	4/19/2023	<0.10
	TMW08102022	10/5/2022	<0.10
TMW10	TMW10042024	4/11/2024	<0.10
	TMW10102023	10/5/2023	<0.50
	TMW10102023FDUP04	10/5/2023	<0.50
	TMW10042023	4/20/2023	<0.50
	TMW10042023DUP	4/20/2023	<0.50
	TMW10102022	10/6/2022	<0.50
TMW13	TMW13042024	4/17/2024	0.024 J
	TMW13102023	10/11/2023	<0.50
	TMW13102023FDUP09	10/11/2023	<0.50
	TMW13042023	4/26/2023	<0.50
	TMW13102022	10/11/2022	<0.50
	TMW13102022DUP	10/11/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW15	TMW15042024	4/17/2024	<0.10
	TMW15102023	10/11/2023	<0.50
	TMW15042023	4/26/2023	<0.50
	TMW15042023DUP	4/26/2023	<0.50
	TMW15102022	10/11/2022	<0.50
TMW21	TMW21042024	4/16/2024	<0.10
	TMW21102023	10/12/2023	<0.50
	TMW21102023FDUP10	10/12/2023	<0.50
	TMW21042023	4/27/2023	<0.50
	TMW21102022	10/14/2022	<0.50
TMW22	TMW22102023	10/6/2023	<0.50
	TMW22042023	4/21/2023	<0.50
	TMW22102022	10/6/2022	<0.50
TMW23	TMW23042024	4/12/2024	<0.10
	TMW23102023	10/6/2023	<0.50
	TMW23042023	4/21/2023	<0.50
	TMW23102022	10/7/2022	<0.50
TMW24	TMW24042024	4/16/2024	<0.10
	TMW24102023	10/9/2023	<0.50
	TMW24042023	4/24/2023	<1.0
	TMW24102022	10/13/2022	<0.50
TMW26	TMW26042024	4/10/2024	<0.10
	TMW26102023	10/4/2023	<0.50
	TMW26042023	4/19/2023	<0.50
	TMW26102022	10/4/2022	<0.50
TMW27	TMW27042024	4/10/2024	<0.10
	TMW27042024FDUP03	4/10/2024	<0.10
	TMW27102023	10/4/2023	<0.50
	TMW27102023FDUP03	10/4/2023	<0.50
	TMW27042023	4/19/2023	<0.50
	TMW27102022	10/4/2022	<0.50
TMW29	TMW29042024	4/12/2024	<0.10
	TMW29102023	10/6/2023	<0.50
	TMW29042023	4/21/2023	<0.50
	TMW29102022	10/6/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW31S	TMW31S042024	4/11/2024	510
	TMW31S102023	10/5/2023	570
	TMW31S042023	4/19/2023	600
	TMW31S102022	10/6/2022	480
TMW34	TMW34042024	4/16/2024	0.23
	TMW34102023	10/10/2023	<0.50
	TMW34102023FDUP07	10/10/2023	<0.50
	TMW34042023	4/26/2023	0.28 J
	TMW34102022	10/11/2022	<0.50
	TMW34102022DUP	10/11/2022	<0.50
TMW35	TMW35042024	4/17/2024	<0.10
	TMW35102023	10/11/2023	<0.50
	TMW35042023	4/26/2023	<0.50
	TMW35102022	10/11/2022	<0.50
TMW39S	TMW39S042024	4/12/2024	620
	TMW39S102023	10/6/2023	790
	TMW39S042023	4/20/2023	750
	TMW39S102022	10/7/2022	680
TMW41	TMW41042024	4/12/2024	17
	TMW41102023	10/6/2023	16
	TMW41042023	4/21/2023	15
	TMW41102022	10/7/2022	12
TMW43	TMW43042024	4/16/2024	<0.10
	TMW43102023	10/10/2023	<0.50
	TMW43042023	4/25/2023	<0.50
	TMW43042023DUP	4/25/2023	<1.0
	TMW43102022	10/11/2022	<0.50
TMW44	TMW44042024	4/8/2024	<0.10
	TMW44102023	10/2/2023	<0.50
	TMW44042023	4/18/2023	<0.50
	TMW44102022	10/4/2022	<0.50
TMW45	TMW45102023	10/11/2023	<0.50
	TMW45042023	4/25/2023	<1.0
	TMW45102022	10/12/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW46	TMW46042024	4/8/2024	0.071 J
	TMW46102023	10/2/2023	<0.50
	TMW46042023	4/18/2023	<0.50
	TMW46102022	10/4/2022	<0.50
	TMW46102022DUP	10/4/2022	<0.50
TMW47	TMW47042024	4/18/2024	<0.10
	TMW47042024FDUP10	4/18/2024	<0.10
	TMW47102023	10/12/2023	<0.10
	TMW47042023	4/27/2023	<0.10
	TMW47102022	10/13/2022	<0.50
TMW56	TMW56042024	4/10/2024	0.043 J
TMW57	TMW57042024	4/15/2024	<0.10
	TMW57102023	10/9/2023	<0.50
	TMW57042023	4/24/2023	<0.50
	TMW57102022	10/10/2022	<0.50
TMW59	TMW59042024	4/15/2024	0.10 J
	TMW59102023	10/9/2023	<0.50
	TMW59042023	4/24/2023	<0.50
	TMW59102022	10/10/2022	<0.50
TMW61	TMW61042024	4/15/2024	<0.10
	TMW61102023	10/9/2023	<0.50
	TMW61042023	4/24/2023	<0.50
	TMW61102022	10/10/2022	<0.50
TMW62	TMW62042024	4/12/2024	<0.10
	TMW62102023	10/6/2023	<0.50
	TMW62042023	4/21/2023	<0.50
	TMW62102022	10/7/2022	<0.50
Bedrock Wells			
BGMW07	BGMW07042024	4/9/2024	<1.0
	BGMW07102023	10/3/2023	<0.10
	BGMW07042023	4/17/2023	<0.10
	BGMW07102022	10/3/2022	<0.10
BGMW08	BGMW08102023	10/2/2023	<0.10
	BGMW08042023	4/17/2023	<0.10
	BGMW08102022	10/3/2022	<0.10

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
BGMW09	BGMW09042024	4/8/2024	<0.10
	BGMW09102023	10/3/2023	<0.10
	BGMW09042023	4/17/2023	<0.10
	BGMW09042023DUP	4/17/2023	<0.10
	BGMW09102022	10/12/2022	<0.10
BGMW10	BGMW10042024	4/9/2024	<0.10
	BGMW10042024FDUP02	4/9/2024	<0.10
	BGMW10102023	10/3/2023	<0.10
	BGMW10102023FDUP02	10/3/2023	<0.50
	BGMW10042023	4/18/2023	<0.10
	BGMW10042023DUP	4/18/2023	<0.10
	BGMW10102022	10/4/2022	<0.50
TMW14A	TMW14A042024	4/15/2024	<0.10
TMW16	TMW16102023	10/2/2023	<0.50
	TMW16102023FDUP01	10/2/2023	<0.50
	TMW16042023	4/17/2023	<3.0
	TMW16102022	10/3/2022	<0.50
TMW17	TMW17042024	4/15/2024	<0.10
	TMW17102023	10/9/2023	<0.50
	TMW17042023	4/21/2023	<0.50
	TMW17042023DUP	4/21/2023	<0.50
	TMW17102022	10/10/2022	<0.50
TMW18	TMW18042024	4/8/2024	<0.10
	TMW18102023	10/2/2023	<0.10
	TMW18042023	4/17/2023	<0.10
	TMW18102022	10/3/2022	<0.50
TMW19	TMW19042024	4/8/2024	<0.10
	TMW19102023	10/2/2023	<0.10
	TMW19042023	4/17/2023	<0.10
	TMW19102022	10/3/2022	<0.50
TMW30	TMW30042024	4/10/2024	410
	TMW30102023	10/4/2023	490
	TMW30042023	4/19/2023	350
	TMW30102022	10/5/2022	330

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW31D	TMW31D042024	4/16/2024	710
	TMW31D042024FDUP08	4/16/2024	740
	TMW31D102023	10/10/2023	80
	TMW31D042023	4/25/2023	4.2
	TMW31D102022	10/11/2022	57
TMW32	TMW32042024	4/17/2024	360
	TMW32102023	10/12/2023	190
	TMW32042023	4/27/2023	700
	TMW32102022	10/13/2022	350
TMW36	TMW36042024	4/8/2024	<0.10
	TMW36102023	10/2/2023	<0.50
	TMW36042023	4/17/2023	<0.10
	TMW36102022	10/3/2022	<0.50
TMW37	TMW37042024	4/9/2024	<0.10
	TMW37102023	10/3/2023	<0.10
	TMW37042023	4/18/2023	<0.10
	TMW37102022	10/4/2022	<0.10
TMW38	TMW38042024	4/18/2024	<0.10
	TMW38102023	10/12/2023	<0.10
	TMW38042023	4/27/2023	<0.10
	TMW38102022	10/12/2022	<0.10
TMW39D	TMW39D042024	4/11/2024	4.0
	TMW39D102023	10/9/2023	100
	TMW39D042023	4/25/2023	3.5
	TMW39D102022	10/14/2022	24
TMW40D	TMW40D042024	4/15/2024	220
	TMW40D102023	10/6/2023	280
	TMW40D042023	4/25/2023	180
	TMW40D102022	10/14/2022	250
TMW48	TMW48042024	4/16/2024	660
	TMW48102023	10/6/2023	500
	TMW48042023	4/25/2023	740
	TMW48102022	10/14/2022	790

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW49	TMW49042024	4/18/2024	1,000
	TMW49102023	10/9/2023	370
	TMW49042023	4/26/2023	170
	TMW49102022	10/13/2022	270
TMW50	TMW50042024	4/10/2024	1.1
	TMW50102023	10/4/2023	1.4
	TMW50042023	4/19/2023	1.2
	TMW50102022	10/5/2022	1.0
TMW51	TMW51042024	4/12/2024	420
	TMW51102023	10/6/2023	630
	TMW51042023	4/21/2023	630
	TMW51102022	10/5/2022	620
	TMW51102022DUP	10/5/2022	620
TMW52	TMW52042024	4/15/2024	<0.10
	TMW52102023	10/11/2023	<0.50
	TMW52042023	4/25/2023	<0.50
	TMW52102022	10/10/2022	<0.50
TMW53	TMW53042024	4/15/2024	<0.10
	TMW53102023	10/9/2023	<0.50
	TMW53042023	4/24/2023	<1.0
	TMW53102022	10/10/2022	<0.50
TMW55	TMW55042024	4/12/2024	<0.10
	TMW55102023	10/6/2023	<0.10
	TMW55042023	4/21/2023	<0.10
	TMW55102022	10/7/2022	<0.50
TMW58	TMW58042024	4/9/2024	<0.10
	TMW58102023	10/4/2023	0.081 J
	TMW58042023	4/17/2023	<0.10
	TMW58102022	10/4/2022	<0.50
TMW63	TMW63042024	4/10/2024	<0.10
	TMW63102023	10/4/2023	<0.10
	TMW63042023	4/19/2023	<0.10
	TMW63102022	10/5/2022	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW64	TMW64042024	4/17/2024	46
	TMW64042024FDUP09	4/17/2024	47
	TMW64102023	10/11/2023	48
	TMW64042023	4/26/2023	45
	TMW64102022	10/7/2022	36

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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
Alluvial Wells																						
BGMW01	BGMW01042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW01102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW01042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW02	BGMW02042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW02102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW02042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW03	BGMW03042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW03102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW03042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW11	BGMW11042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW11102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW11042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW12	BGMW12042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW12102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW12042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW13D	BGMW13D042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW13D102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D102023FDUP08	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW13S	BGMW13S042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW13S102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13S042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
FW31	FW31042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	FW31102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	FW31042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW01	MW01042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW01102023	10/3/2023	0.13 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW01042023	4/18/2023	0.16 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
MW02	MW02042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW02102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW02042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW03	MW03042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW03102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW18D	MW18D042024	4/15/2024	79	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW18D102023	10/11/2023	81	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW18D042023	4/26/2023	93	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW20	MW20042024	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW20102023	10/11/2023	0.90 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW20042023	4/26/2023	1.3	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	0.59 J	<0.50	<0.20
MW22D	MW22D042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW22D102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW22D042023	4/27/2023	0.29 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW23	MW23042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW23102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW23042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW24	MW24042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW24102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW25	MW25042024	4/16/2024	1.8	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW25102023	10/6/2023	1.8	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW25042023	4/21/2023	1.6	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW26	MW26042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW26102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW26042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW27	MW27042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW27102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW27042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
MW28	MW28042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW28042024FDUP04	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW28102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW28042023	4/18/2023	<0.20	<0.20	<10	<10	5.0 J	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW29	MW29042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW29102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW29042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW30	MW30042024	4/18/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW30102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW30042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW31	MW31042024	4/18/2024	22	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW31102023	10/9/2023	25	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW31042023	4/26/2023	28	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW32	MW32042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW32102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW32042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW33	MW33042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW33042024FDUP07	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW33102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW33042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW34	MW34042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW34102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW34042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW35	MW35042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW35042024FDUP06	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW35102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW36D	MW36D042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW36D102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36D042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
MW36S	MW36S042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW36S102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36S042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW37	MW37042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW37102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW37042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW38	MW38042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW38102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW38042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW39	MW39042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	MW39102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW39042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
SMW01	SMW01042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	SMW01102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	SMW01042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW01	TMW01042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	0.55 J	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW01102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW01042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW02	TMW02042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW02102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02102023FDUP05	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW03	TMW03042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW03102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03102023FDUP06	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
TMW04	TMW04042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW04102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW04042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW06	TMW06042024	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW06102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW06042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW07	TMW07042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW07102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW07042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW08	TMW08042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW08102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW08042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW10	TMW10042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW10102023	10/5/2023	<0.20	<0.20	<10	<10	6.5 J	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10102023FDUP04	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW13	TMW13042024	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW13102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13102023FDUP09	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW15	TMW15042024	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW15102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW15042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW21	TMW21042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW21102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21102023FDUP10	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																			
			5	75	5,600	38	18,000	5	80	80	7.5	810	78	21,000	80	190	80	5	100	30	100	1,000
TMW22	TMW22042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW22042024FDUP05	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW22102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW22042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW23	TMW23042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW23102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW23042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW24	TMW24042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW24102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW24042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW25	TMW25042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW25102023	10/6/2023	<0.20	<0.20	<10	<10	7.3 J	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW25042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW26	TMW26042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW26102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW26042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW27	TMW27042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW27042024FDUP03	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW27102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27102023FDUP03	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW28	TMW28042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW28102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW28042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW29	TMW29042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW29102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW29042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW31S	TMW31S042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW31S102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31S042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
TMW33	TMW33042024	4/12/2024	27	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW33102023	10/6/2023	31	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW33042023	4/21/2023	36	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW34	TMW34042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW34102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34102023FDUP07	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW35	TMW35042024	4/17/2024	0.58 J	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW35102023	10/11/2023	0.44 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW35042023	4/26/2023	0.50 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW39S	TMW39S042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW39S102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39S042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW41	TMW41042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW41102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW41042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW43	TMW43042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW43102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW43042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW44	TMW44042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW44102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW44042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW45	TMW45042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW45102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW45042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW46	TMW46042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW46102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW46042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
TMW47	TMW47042024	4/18/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	2.0	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW47042024FDUP10	4/18/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	2.1	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW47102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	1.0	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW47042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	1.4	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW57	TMW57042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW57102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW57042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW59	TMW59042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW59102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW59042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW61	TMW61042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW61102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW61042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW62	TMW62042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW62102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW62042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
Bedrock Wells																						
BGMW07	BGMW07042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW07102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW07042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	0.17 J	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW08	BGMW08102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW08042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW09	BGMW09042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW09102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW10	BGMW10042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW10042024FDUP02	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	BGMW10102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10102023FDUP02	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																			
			5	75	5,600	38	18,000	5	80	80	7.5	810	78	21,000	80	190	80	5	100	30	100	1,000
TMW14A	TMW14A042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW14A102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW14A042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW16	TMW16042024	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW16042024FDUP01	4/8/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW16102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16102023FDUP01	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW17	TMW17042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW17102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.35 J	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW17042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<

TABLE 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
TMW37	TMW37042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW37102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW37042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW38	TMW38042024	4/18/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW38102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW38042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.33 J	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW39D	TMW39D042024	4/11/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW39D102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW40D	TMW40D042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW40D102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW40D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW48	TMW48042024	4/16/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW48102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW48042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW49	TMW49042024	4/18/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW49102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW49042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW50	TMW50042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW50102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW50042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW51	TMW51042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW51102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW51042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW52	TMW52042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW52102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW52042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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 2024
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	Chlorobenzene	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	78	21,000	80	190	80	5	100	30	100
TMW53	TMW53042024	4/15/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW53102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW53042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.40 J	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW55	TMW55042024	4/12/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW55102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW55042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW58	TMW58042024	4/9/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW58102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW58042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW63	TMW63042024	4/10/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW63102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW63042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW64	TMW64042024	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW64042024FDUP09	4/17/2024	<0.80	<0.40	<12	<4.0	<8.0	<0.80	<0.50	<1.8	<4.0	<0.80	<0.80	<1.6	<0.80	<1.0	<1.8	<1.8	<0.80	<0.80	<0.80	<0.40
	TMW64102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW64042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<0.20	<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	<0.20	<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
- 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 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butylphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
Alluvial Wells																				
BGMW01	BGMW01042024	4/9/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	4.2	<3.2	<10
	BGMW01102023	10/3/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10
	BGMW01042023	4/18/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
BGMW02	BGMW02042024	4/9/2024	NA	NA	NA	NA	NA	NA	<21	<3.4	<3.4	<3.4	<8.4	<13	<3.4	<8.4	<3.4	<3.4	<3.4	<11
	BGMW02102023	10/3/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	BGMW02042023	4/18/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
BGMW03	BGMW03042024	4/8/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	3.9 J	<3.2	<10
	BGMW03102023	10/2/2023	NA	NA	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<12
	BGMW03042023	4/18/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.0	<10	<5.0	<5.0	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
BGMW11	BGMW11042024	4/11/2024	<20	<110	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	BGMW11102023	10/4/2023	10 J	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	BGMW11042023	4/19/2023	<20	<110	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
BGMW12	BGMW12042024	4/8/2024	<20	40 J	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.8	<14	<3.5	<8.8	<3.5	4.8	<3.5	<11
	BGMW12102023	10/2/2023	14 J	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	BGMW12042023	4/17/2023	<20	<110	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
BGMW13D	BGMW13D042024	4/16/2024	<20	<110	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	BGMW13D102023	10/10/2023	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<12
	BGMW13D102023FDUP08	10/10/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	BGMW13D042023	4/25/2023	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.5	<11	<5.5	<5.5	<5.5	<11
BGMW13S	BGMW13S042024	4/16/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	BGMW13S102023	10/10/2023	11 J	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	BGMW13S042023	4/25/2023	<20	<100	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<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	<5.2	<11	<5.2	<5.2	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
FW31	FW31042024	4/10/2024	NA	NA	NA	NA	NA	NA	<21	<3.4	<3.4	<3.4	<8.6	<14	<3.4	<8.6	<3.4	<3.4	<3.4	<11
	FW31102023	10/9/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	FW31042023	4/26/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<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	<5.3	<11	<5.3	<5.3	<5.3	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
MW01	MW01042024	4/9/2024	<20	38 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01102023	10/3/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01042023	4/18/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01102022	10/4/2022	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW02	MW02042024	4/10/2024	<20	54 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02102023	10/3/2023	<20	<99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02042023	4/18/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02102022	10/4/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW03	MW03042024	4/11/2024	<20	<130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03102023	10/5/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03042023	4/20/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03102022	10/6/2022	<20	<100	NA	NA	NA	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	NA	NA	NA
MW18D	MW18D042024	4/15/2024	<20	35 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D102023	10/11/2023	28 J	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D042023	4/26/2023	<20	75 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D102022	10/12/2022	52 J	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW20	MW20042024	4/17/2024	<20	33 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW20102023	10/11/2023	<20	130 J	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	MW20042023	4/26/2023	<20	240 J	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
MW22D	MW22D042024	4/12/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW22D102023	10/12/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	MW22D042023	4/27/2023	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
MW23	MW23042024	4/8/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.1	<13	<3.2	<8.1	<3.2	6.6	<3.2	<10
	MW23102023	10/2/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<5.2	<11
	MW23042023	4/24/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<6.1	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
MW24	MW24042024	4/9/2024	NA	NA	NA	NA	NA	NA	<21	<3.4	<3.4	<3.4	<8.6	<14	<3.4	<8.6	<3.4	6.5	<3.4	<11
	MW24102023	10/3/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<5.2	<11
	MW24042023	4/18/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.7	<11	<5.7	<5.7	<5.7	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
MW25	MW25042024	4/16/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW25102023	10/6/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	MW25042023	4/21/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
MW26	MW26042024	4/15/2024	<20	<110	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW26102023	10/9/2023	<20	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	MW26042023	4/24/2023	<20	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<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	<6.2	<12	<6.2	<6.2	<6.2	<12
MW27	MW27042024	4/9/2024	<20	<120	NA	NA	NA	NA	<23	<3.6	<3.6	<3.6	<9.0	<14	<3.6	<9.0	<3.6	4.2 J	<3.6	<11
	MW27102023	10/9/2023	13 J	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	MW27042023	4/24/2023	<20	<120	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<6.0	<12	<6.0	<6.0	<6.0	<12
MW28	MW28042024	4/11/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW28042024FDUP04	4/11/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW28102023	10/6/2023	15 J	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	MW28042023	4/18/2023	<20	<98	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
MW29	MW29042024	4/11/2024	<20	<600	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW29102023	10/6/2023	13 J	160 J	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<11
	MW29042023	4/21/2023	<20	<110	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
MW30	MW30042024	4/18/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW30102023	10/9/2023	<20	<95	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	MW30042023	4/26/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.3	<11	<5.3	<5.3	<5.3	<11
MW31	MW31042024	4/18/2024	<20	48 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW31102023	10/9/2023	14 J	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	MW31042023	4/26/2023	<20	130 J	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<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	<5.1	<10	<5.1	<5.1	<5.1	<10
MW32	MW32042024	4/8/2024	<20	78 J	NA	NA	NA	NA	<23	<3.6	<3.6	<3.6	<9.0	<14	<3.6	<9.0	<3.6	6.5	<3.6	<11
	MW32102023	10/2/2023	20 J	<100	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<5.8	<12
	MW32042023	4/17/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.1	<10	<5.1	<5.1	<5.1	<10

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
MW33	MW33042024	4/15/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW33042024FDUP07	4/15/2024	<20	<600	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW33102023	10/9/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	MW33042023	4/24/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
MW34	MW34042024	4/15/2024	<20	32 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW34102023	10/9/2023	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	MW34042023	4/24/2023	<20	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
MW35	MW35042024	4/15/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	0.52 J	<8.0	<3.2	<3.2	<3.2	<10
	MW35042024FDUP06	4/15/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW35102023	10/9/2023	18 J	<98	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<12
	MW35042023	4/24/2023	<20	<120	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<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	<5.0	<10	<5.0	<5.0	<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	<5.2	<11	<5.2	<5.2	<5.2	<11
MW36D	MW36D042024	4/15/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW36D102023	10/5/2023	<20	<120	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10
	MW36D042023	4/24/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<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	<6.2	<12	<6.2	<6.2	<6.2	<12
MW36S	MW36S042024	4/15/2024	<20	37 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW36S102023	10/5/2023	<20	71 J	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	MW36S042023	4/24/2023	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
MW37	MW37042024	4/8/2024	<20	<130	NA	NA	NA	NA	<23	<3.7	<3.7	<3.7	<9.3	<15	<3.7	<9.3	<3.7	5.1	<3.7	<12
	MW37102023	10/11/2023	22 J	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	MW37042023	4/25/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.3	<11	<5.3	<5.3	<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	<4.9	<9.9	<4.9	<4.9	<4.9	<9.9
MW38	MW38042024	4/15/2024	<20	<600	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	MW38102023	10/9/2023	<20	<120	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	MW38042023	4/27/2023	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<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	<5.2	<11	<5.2	<5.2	<5.2	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butylphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
MW39	MW39042024	4/10/2024	<20	<600	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.7	<14	<3.5	<8.7	<3.5	<3.5	<3.5	<11
	MW39102023	10/9/2023	18 J	<120	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	MW39042023	4/27/2023	<20	<110	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
SMW01	SMW01042024	4/10/2024	NA	NA	NA	NA	NA	NA	<22	<3.6	<3.6	<3.6	<8.9	<14	<3.6	<8.9	<3.6	<3.6	<3.6	<11
	SMW01102023	10/4/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	SMW01042023	4/19/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<6.1	<12	<6.1	<6.1	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
TMW01	TMW01042024	4/12/2024	NA	NA	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.7	<14	<3.5	<8.7	<3.5	<3.5	<3.5	<11
TMW02	TMW02042024	4/12/2024	NA	NA	NA	NA	NA	NA	<21	<3.4	<3.4	<3.4	<8.5	<14	<3.4	<8.5	<3.4	<3.4	<3.4	<11
	TMW02102023	10/6/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW02102023FDUP05	10/6/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW03	TMW03042024	4/16/2024	NA	NA	NA	NA	NA	NA	14 J	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW03102023	10/10/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW03102023FDUP06	10/10/2023	NA	NA	<25	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<25	<12	<12	<12	<25
	TMW03042023	4/24/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.2	<11	<5.2	<5.2	<5.2	<11
	TMW03102022	10/10/2022	NA	NA	<21	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<21	<11	<11	<11	<21
TMW04	TMW04042024	4/12/2024	NA	NA	NA	NA	NA	NA	<23	<3.7	<3.7	<3.7	<9.2	<15	<3.7	<9.2	<3.7	<3.7	<3.7	<11
	TMW04102023	10/4/2023	NA	NA	<21	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<21	<11	<11	<11	<21
	TMW04042023	4/21/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<5.2	<11
	TMW04102022	10/7/2022	NA	NA	<22	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<22	<11	<11	<11	<22
TMW06	TMW06042024	4/17/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	2.3 J	<3.2	<3.2	<10
	TMW06102023	10/11/2023	18 J	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW06042023	4/26/2023	<20	<110	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW07	TMW07042024	4/12/2024	<20	<110	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.9	<14	<3.5	<8.9	<3.5	<3.5	<3.5	<11
	TMW07102023	10/6/2023	24 J	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW07042023	4/21/2023	<20	<100	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<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	<5.2	<11	<5.2	<5.2	<5.2	<11
TMW08	TMW08042024	4/11/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW08102023	10/5/2023	<20	<120	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW08042023	4/19/2023	<20	<120	NA	NA	NA	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	NA	NA	NA

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
TMW10	TMW10042024	4/11/2024	<20	<120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10102023	10/5/2023	<20	<98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10102023FDUP04	10/5/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10042023	4/20/2023	<20	3,100	NA	NA	NA	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	NA	NA	NA
	TMW10102022	10/6/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW15	TMW15102023	10/11/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW15042023	4/26/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.6	<11	<5.6	<5.6	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
TMW21	TMW21042024	4/16/2024	<20	<130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21102023	10/12/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21102023FDUP10	10/12/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21042023	4/27/2023	<20	<110	NA	NA	NA	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	NA	NA	NA
TMW22	TMW22102023	10/6/2023	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<12
	TMW22042023	4/21/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.8	<12	<5.8	<5.8	<5.8	<12
TMW23	TMW23042024	4/12/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW23102023	10/6/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW31S	TMW31S042024	4/11/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW31S102023	10/5/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW31S042023	4/19/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<6.1	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
TMW33	TMW33042024	4/12/2024	<20	33 J	NA	NA	NA	NA	<19	<3.0	<3.0	<3.0	<7.5	<12	<3.0	<7.5	<3.0	<3.0	<3.0	<9.4
	TMW33102023	10/6/2023	16 J	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	TMW33042023	4/21/2023	<20	<100	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.8	<12	<5.8	<5.8	<5.8	<12
TMW34	TMW34042024	4/16/2024	<20	31 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW34102023	10/10/2023	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<5.8	<12
	TMW34102023FDUP07	10/10/2023	<20	<120	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW34042023	4/26/2023	<20	84 J	NA	NA	NA	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	NA	NA	NA
	TMW34102022DUP	10/11/2022	<20	71 J	NA	NA	NA	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 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butylphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
TMW35	TMW35042024	4/17/2024	<20	51 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW35102023	10/11/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW35042023	4/26/2023	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<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	<5.3	<11	<5.3	<5.3	<5.3	<11
TMW39S	TMW39S042024	4/12/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW39S102023	10/6/2023	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<11
	TMW39S042023	4/20/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
TMW41	TMW41042024	4/12/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW41102023	10/6/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW41042023	4/21/2023	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW43	TMW43042024	4/16/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW43102023	10/10/2023	NA	NA	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	TMW43042023	4/25/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<6.0	<12	<6.0	<6.0	<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	<5.1	<10	<5.1	<5.1	<5.1	<10
TMW44	TMW44042024	4/8/2024	NA	NA	NA	NA	NA	NA	18 J	<3.3	<3.3	<3.3	<8.2	<13	<3.3	<8.2	<3.3	5.2	<3.3	<10
	TMW44102023	10/2/2023	NA	NA	<21	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<21	<10	<10	<10	<21
	TMW44042023	4/18/2023	NA	NA	<24	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<24	<12	<12	<12	<24
	TMW44102022	10/4/2022	NA	NA	<31	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<31	<15	<15	<15	<31
TMW45	TMW45042024	4/16/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW45102023	10/11/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW45042023	4/25/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<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	<5.1	<10	<5.1	<5.1	<5.1	<10
TMW46	TMW46042024	4/8/2024	<20	35 J	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	4.2	<3.2	<10
	TMW46102023	10/2/2023	18 J	<93	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW46042023	4/18/2023	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<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	<5.6	<11	<5.6	<5.6	<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	<5.0	<10	<5.0	<5.0	<5.0	<10
TMW47	TMW47042024	4/18/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW47042024FDUP10	4/18/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW47102023	10/12/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW47042023	4/27/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.4	<11	<5.4	<5.4	<5.4	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butylphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
TMW57	TMW57042024	4/15/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW57102023	10/9/2023	12 J	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW57042023	4/24/2023	<20	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.2	<10	<5.2	<5.2	<5.2	<10
TMW59	TMW59042024	4/15/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW59102023	10/9/2023	18 J	<120	<25	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<25	<12	<12	<12	<25
	TMW59042023	4/24/2023	<20	<120	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.1	<10	<5.1	<5.1	<5.1	<10
TMW61	TMW61042024	4/15/2024	<20	<110	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW61102023	10/9/2023	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW61042023	4/24/2023	<20	<96	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.3	<11	<5.3	<5.3	<5.3	<11
TMW62	TMW62042024	4/12/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW62102023	10/6/2023	21 J	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<11
	TMW62042023	4/21/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
Bedrock Wells																				
BGMW07	BGMW07042024	4/9/2024	NA	NA	NA	NA	NA	NA	<23	<3.6	<3.6	<3.6	<9.0	<14	<3.6	<9.0	<3.6	3.8 J	<3.6	<11
	BGMW07102023	10/3/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	BGMW07042023	4/17/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
BGMW08	BGMW08102023	10/2/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10
	BGMW08042023	4/17/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.8	<12	<5.8	<5.8	<5.8	<12
BGMW09	BGMW09042024	4/8/2024	NA	NA	NA	NA	NA	NA	<23	<3.7	<3.7	<3.7	<9.2	<15	<3.7	<9.2	<3.7	14	<3.7	<11
	BGMW09102023	10/3/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	BGMW09042023	4/17/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<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	<5.2	<10	<5.2	<5.2	<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	<6.1	<12	<6.1	<6.1	<6.1	<12
BGMW10	BGMW10042024	4/9/2024	NA	NA	NA	NA	NA	NA	<21	<3.3	<3.3	<3.3	<8.3	<13	<3.3	<8.3	<3.3	4.2	<3.3	<10
	BGMW10042024FDUP02	4/9/2024	NA	NA	NA	NA	NA	NA	<23	<3.6	<3.6	<3.6	<9.1	<15	<3.6	<9.1	<3.6	4.6	<3.6	<11
	BGMW10102023	10/3/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<5.2	<11
	BGMW10102023FDUP02	10/3/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<10
	BGMW10042023	4/18/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.9	<12	<5.9	<5.9	<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	<5.4	<11	<5.4	<5.4	<5.4	<11	

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
TMW14A	TMW14A042024	4/15/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW14A102023	10/12/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW14A042023	4/21/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.2	<10	<5.2	<5.2	<5.2	<10
TMW16	TMW16042024	4/8/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	4.6	<3.2	<10
	TMW16042024FDUP01	4/8/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	11	<3.2	<10
	TMW16102023	10/2/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<5.2	<5.2	<11
	TMW16102023FDUP01	10/2/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<10
	TMW16042023	4/17/2023	NA	NA	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<9.7
TMW18	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	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW18042024	4/8/2024	NA	NA	NA	NA	NA	NA	<21	<3.4	<3.4	<3.4	<8.5	<14	<3.4	<8.5	<3.4	4.8	<3.4	<11
	TMW18102023	10/2/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW18042023	4/17/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
TMW19	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	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW19042024	4/8/2024	NA	NA	NA	NA	NA	NA	<21	<3.3	<3.3	<3.3	<8.3	<13	<3.3	<8.3	<3.3	5.7	<3.3	<10
	TMW19102023	10/2/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW19042023	4/17/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
TMW30	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	<5.5	<11	<5.5	<5.5	<5.5	<11
	TMW30042024	4/10/2024	NA	NA	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.7	<14	<3.5	<8.7	<3.5	<3.5	<3.5	<11
	TMW30102023	10/4/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW30042023	4/19/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
TMW31D	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	<5.3	<11	<5.3	<5.3	<5.3	<11
	TMW31D102023	10/10/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW31D042023	4/25/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW32	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	<5.1	<10	<5.1	<5.1	<5.1	<10
	TMW32102023	10/12/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW32042023	4/27/2023	NA	NA	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<12
TMW36	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	<5.1	<10	<5.1	<5.1	<5.1	<10
	TMW36102023	10/2/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW36042023	4/17/2023	NA	NA	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<9.8
TMW37	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	<5.0	<10	<5.0	<5.0	<5.0	<10
	TMW37102023	10/3/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW37042023	4/18/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.3	<11	<5.3	<5.3	<5.3	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butyphthalate	Naphthalene	Caprolactam
			µg/L																	
			10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30	9,900
TMW38	TMW38042024	4/18/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW38102023	10/12/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW38042023	4/27/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.6	<11	<5.6	<5.6	<5.6	<11
TMW39D	TMW39D102023	10/9/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<6.0	<12
	TMW39D042023	4/25/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<6.1	<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	<6.0	<12	<6.0	<6.0	<6.0	<12
TMW40D	TMW40D102023	10/6/2023	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<12
	TMW40D042023	4/25/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW48	TMW48102023	10/6/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW48042023	4/25/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<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	<5.3	<11	<5.3	<5.3	<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	<5.3	<11	<5.3	<5.3	<5.3	<11
TMW49	TMW49042024	4/18/2024	NA	NA	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW49102023	10/9/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW49042023	4/26/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW50	TMW50042024	4/10/2024	<20	<240	NA	NA	NA	NA	<22	<3.5	<3.5	<3.5	<8.8	<14	<3.5	<8.8	<3.5	<3.5	<3.5	<11
	TMW50102023	10/4/2023	<20	<110	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10
	TMW50042023	4/19/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW51	TMW51042024	4/12/2024	<20	<130	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	5.6 J
	TMW51102023	10/6/2023	13 J	<110	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<10
	TMW51042023	4/21/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.7	<11	<5.7	<5.7	<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	<5.7	<11	<5.7	<5.7	<5.7	<11
TMW52	TMW52042024	4/15/2024	<20	<240	NA	NA	NA	NA	<40	<6.4	<6.4	<6.4	<16	<26	<6.4	<16	<6.4	<6.4	<6.4	<20
	TMW52102023	10/11/2023	20 J	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<11
	TMW52042023	4/25/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<6.0	<12	<6.0	<6.0	<6.0	<12
TMW53	TMW53042024	4/15/2024	<20	<240	NA	NA	NA	NA	<40	<6.4	<6.4	<6.4	<16	<26	<6.4	<16	<6.4	<6.4	<6.4	<20
	TMW53102023	10/9/2023	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<5.8	<5.8	<12
	TMW53042023	4/24/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<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	<5.6	<11	<5.6	<5.6	<5.6	<11

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Benzo(a)pyrene	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Di-n-butylphthalate	Naphthalene	Caprolactam
			µg/L																	
			SL	10.1	16.7	70	600	75	75	39	750	30	190	38	91	0.2	6	160	900	30
TMW55	TMW55042024	4/12/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW55102023	10/6/2023	13 J	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<11
	TMW55042023	4/21/2023	<20	53 J	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.4	<11	<5.4	<5.4	<5.4	<11
TMW58	TMW58042024	4/9/2024	<20	<120	NA	NA	NA	NA	<22	<3.6	<3.6	<3.6	<9.0	<14	<3.6	<9.0	<3.6	4.6	<3.6	<11
	TMW58102023	10/4/2023	18 J	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW58042023	4/17/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<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	<5.1	<10	<5.1	<5.1	<5.1	<10
TMW63	TMW63042024	4/10/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW63102023	10/4/2023	13 J	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<11
	TMW63042023	4/19/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<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	<5.2	<11	<5.2	<5.2	<5.2	<11
TMW64	TMW64042024	4/17/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW64042024FDUP09	4/17/2024	<20	<120	NA	NA	NA	NA	<20	<3.2	<3.2	<3.2	<8.0	<13	<3.2	<8.0	<3.2	<3.2	<3.2	<10
	TMW64102023	10/11/2023	38 J	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<12
	TMW64042023	4/26/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<6.0	<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	<5.8	<12	<5.8	<5.8	<5.8	<12

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 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	BGMW01042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0	
	BGMW01102023	10/3/2023	<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	
	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	
BGMW02	BGMW02042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0	
	BGMW02102023	10/3/2023	<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	
	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	
BGMW03	BGMW03042024	4/8/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0	
	BGMW03102023	10/2/2023	<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	
	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	
BGMW11	BGMW11042024	4/11/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1	
	BGMW11102023	10/2/2023	<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	
	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	
BGMW12	BGMW12042024	4/8/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0	
	BGMW12102023	10/2/2023	<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	
	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	
BGMW13D	BGMW13D042024	4/16/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.2	
	BGMW13D102023	10/10/2023	<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	
	BGMW13D102023FDUP08	10/10/2023	<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	
	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	
BGMW13S	BGMW13S042024	4/16/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.2	
	BGMW13S102023	10/10/2023	<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	
	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	
FW31	FW31042024	4/10/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0	
	FW31102023	10/9/2023	<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</					

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
MW23	MW23042024	4/8/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW23102023	10/2/2023	<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	<0.22	<0.56	
	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	<0.24	<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	<0.22	<0.55	
MW24	MW24042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW24102023	10/3/2023	<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	<0.20	<0.50	
	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	<0.23	<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	<0.22	<0.55	
MW25	MW25042024	4/16/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1
	MW25102023	10/6/2023	<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	<0.24	<0.60	
	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	<0.22	<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	<0.20	<0.51	
MW26	MW26042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW26102023	10/9/2023	<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	<0.22	<0.55	
	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	<0.19	<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	<0.19	<0.48	
MW27	MW27042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW27102023	10/9/2023	<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	<0.20	<0.51	
	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	<0.22	<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	<0.23	<0.57	
MW28	MW28042024	4/11/2024	<0.06	<0.03	<0.06	<0.02	<0.03	<0.03	<0.05	<0.03	<0.02	<0.03	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.06	<0.04	<0.04	<3.4
	MW28042024FDUP04	4/11/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.2
	MW28102023	10/6/2023	<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	<0.19	<0.47	
	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	<0.24	<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	<0.20	<0.51	
MW29	MW29042024	4/11/2024	<0.10	<0.04	<0.10	<0.04	<0.06	<0.06	<0.08	<0.05	<0.03	<0.04	<0.08	<0.04	<0.05	<0.05	<0.07	<0.06	<0.06	<0.10	<0.07	<0.07	<6.0
	MW29102023	10/6/2023	<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	<0.20	<0.50	
	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	<0.22	<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		

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
MW35	MW35042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1
	MW35042024FDUP06	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.2
	MW35102023	10/9/2023	<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	<0.20	<0.50	
	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	<0.21	<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	<0.21	<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	<0.22	<0.55	
MW36D	MW36D042024	4/15/2024	<0.06	<0.03	<0.06	<0.02	<0.03	<0.03	<0.05	<0.03	<0.02	<0.03	<0.05	<0.02	<0.03	<0.03	<0.04	<0.04	<0.03	<0.06	<0.04	<0.04	<3.4
	MW36D102023	10/5/2023	<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	<0.22	<0.56	
	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	<0.24	<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	<0.24	<0.61	
MW36S	MW36S042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1
	MW36S102023	10/5/2023	<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	<0.20	<0.49	
	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	<0.23	<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	<0.24	<0.60	
MW37	MW37042024	4/8/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW37102023	10/11/2023	<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	<0.21	<0.53	
	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	<0.22	<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	<0.22	<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	<0.20	<0.49	
MW38	MW38042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.2
	MW38102023	10/9/2023	<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	<0.20	<0.51	
	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	<0.22	<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	<0.22	<0.54	
MW39	MW39042024	4/10/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	MW39102023	10/9/2023	<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	<0.20	<0.50	
	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	<0.21	<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	<0.21	<0.52	
TMW08	TMW08042024	4/11/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.03	<0.03	<2.8
	TMW08102023	10/5/2023	<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	<0.20	<0.50	
	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	<0.21	<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	<0.22	<0.54	
TMW23	TMW23042024	4/12/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW23102023	10/6/2023	<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	<0.20	<0.51	
	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	<0.22	<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	<0.19	<0.48	
TMW24	TMW24042024	4/16/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW24102023	10/9/2023	<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	<0.21	<0.53	
	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	<0.24	<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	<0.20	<0.50	
TMW31S	TMW31S042024	4/11/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.03	<0.03	<0.03	<0.05	<0.04	<0.04	<2.9
	TMW31S102023	10/5/2023	<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	<0.22	<0.55	
	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	<0.20	<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	<0.20	<0.51	
TMW35	TMW35102023	10/11/2023	<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	<0.22	<0.55	
	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	<0.22	<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	<0.20	<0.49	
TMW39S	TMW39S102023	10/6/2023	<0.04	<0.04	<0.04	<0.0																	

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW43	TMW43042024	4/16/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW43102023	10/10/2023	<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	<0.20	<0.51	
	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	<0.22	<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	<0.21	<0.52	
TMW44	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	<0.22	<0.56	
	TMW44102023	10/2/2023	<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	<0.22	<0.56	
	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	<0.21	<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	<0.20	<0.50	
TMW45	TMW45102023	10/11/2023	<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	<0.21	<0.52	
	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	<0.22	<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	<0.22	<0.56	
	TMW46102023	10/2/2023	<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	<0.19	<0.47	
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	<0.22	<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	<0.24	<0.59	
	TMW46102023DUP	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	<0.22	<0.55	
	TMW47102023	10/12/2023	<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	<0.20	<0.50	
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	<0.21	<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	<0.23	<0.58	
	TMW57042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1
	TMW57102023	10/9/2023	<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	<0.21	<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	<0.22	<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	<0.20	<0.50	
	TMW59042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.1
	TMW59102023	10/9/2023	<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	<0.22	<0.55	
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	<0.21	<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	<0.20	<0.50	
	TMW61042024	4/15/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW61102023	10/9/2023	<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	<0.22	<0.55	
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	<0.24	<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	<0.19	<0.49	
	TMW62042024	4/12/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW62102023	10/6/2023	<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	<0.19	<0.49	
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	<0.21	<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	<0.21	<0.52	
	Bedrock Wells																						
	BGMW07	BGMW07042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04
BGMW07102023		10/3/2023	<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	<0.21	<0.52	
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	<0.24	<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	<0.22	<0.56	
BGMW08	BGMW08102023	10/2/2023	<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	<0.22	<0.56	
	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	<0.19	<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	<0.22	<0.56	
	BGMW09042024	4/8/2024	<0.10	<0.04	<0.10	<0.04	<0.06	<0.06	<0.08	<0.05	<0.03	<0.04	<0.08	<0.04	<0.05	<0.05	<0.07	<0.06	<0.06	<0.10	<0.07	<0.07	<6.0
BGMW09	BGMW09102023	10/3/2023	<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	<0.22	<0.55	
	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	<0.22	<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	<0.23	<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	<0.22	<0.55	
BGMW10	BGMW10042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03</																

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

[illegible]

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW55	TMW55042024	4/12/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW55102023	10/6/2023	<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
	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
TMW58	TMW58042024	4/9/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW58102023	10/4/2023	<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
	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
TMW63	TMW63042024	4/10/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW63102023	10/4/2023	<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
	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
TMW64	TMW64042024	4/17/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.0
	TMW64042024FDUP09	4/17/2024	<0.05	<0.02	<0.05	<0.02	<0.03	<0.03	<0.04	<0.03	<0.02	<0.02	<0.04	<0.02	<0.03	<0.03	<0.04	<0.03	<0.03	<0.05	<0.04	<0.04	<3.3
	TMW64102023	10/11/2023	<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
	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

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 2024
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	Dicamba	Dichlorprop	Dinoseb	MCPA
			µg/L							
SL			70	-	160	50	570	-	7	7.5
Alluvial Wells										
BGMW11	BGMW11042024	4/11/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	BGMW11102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW11042023	4/19/2023	<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	<20
BGMW12	BGMW12042024	4/8/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW12102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW12042023	4/17/2023	<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	<20
BGMW13D	BGMW13D042024	4/16/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW13D102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D102023FDUP08	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D042023	4/25/2023	<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	<20
BGMW13S	BGMW13S042024	4/16/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW13S102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13S042023	4/25/2023	<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	<20
	BGMW13S102022DUP	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW25	MW25042024	4/16/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW25102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW25042023	4/21/2023	<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	<20
MW26	MW26042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW26102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW26042023	4/24/2023	<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	<20
MW27	MW27042024	4/9/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW27102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW27042023	4/24/2023	<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	<20
MW28	MW28042024	4/11/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	MW28042024FDUP04	4/11/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	MW28102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW28042023	4/18/2023	<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	<20
MW29	MW29042024	4/11/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	MW29102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW29042023	4/21/2023	<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	<20
MW30	MW30042024	4/18/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW30102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW30042023	4/26/2023	<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	<20
MW31	MW31042024	4/18/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW31102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW31042023	4/26/2023	<0.20	0.15 J	<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	<20
MW32	MW32042024	4/8/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW32102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW32042023	4/17/2023	<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	<20
MW33	MW33042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW33042024FDUP07	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW33102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW33042023	4/24/2023	<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	<100

TABLE 5-8: SUMMARY OF HERBICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Dicamba	Dichlorprop	Dinoseb	MCPA
			µg/L							
SL			70	-	160	50	570	-	7	7.5
MW34	MW34042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW34102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW34042023	4/24/2023	<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	<20
MW35	MW35042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW35042024FDUP06	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW35102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35042023	4/24/2023	<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	<20
MW35102022DUP	MW35102022DUP	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36D042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW36D102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36D042023	4/24/2023	<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	<40
MW36S	MW36S042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW36S102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36S042023	4/24/2023	<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	<20
MW37	MW37042024	4/8/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW37102023	10/11/2023	<0.20	0.19 J	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW37042023	4/25/2023	<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	<20
	MW37102022DUP	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW38	MW38042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	MW38102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW38042023	4/27/2023	<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	<40
MW39	MW39042024	4/10/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	MW39102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW39042023	4/27/2023	<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	<40
TMW57	TMW57042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW57102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW57042023	4/24/2023	<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	<20
TMW59	TMW59042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW59102023	10/9/2023	<0.20	0.70 J	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW59042023	4/24/2023	<0.40	0.51 J	<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	<40
TMW61	TMW61042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW61102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW61042023	4/24/2023	<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	<20
TMW62	TMW62042024	4/12/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	TMW62102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW62042023	4/21/2023	<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	<20
Bedrock Wells										
BGMW07	BGMW07042024	4/9/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW07102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW07042023	4/17/2023	<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	<20
BGMW08	BGMW08102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW08042023	4/17/2023	<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	<20

TABLE 5-8: SUMMARY OF HERBICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	Dicamba	Dichlorprop	Dinoseb	MCPA
			µg/L							
			70	-	160	50	570	-	7	7.5
BGMW09	BGMW09042024	4/8/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW09102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09042023	4/17/2023	<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	<20
	BGMW09102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW10	BGMW10042024	4/9/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW10042024FDUP02	4/9/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	BGMW10102023	10/3/2023	<0.20	0.14 J	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10102023FDUP02	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10042023	4/18/2023	<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	<20
TMW50	BGMW10102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW50042024	4/10/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	TMW50102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW50042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW51	TMW50102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51042024	4/12/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	TMW51102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51042023	4/21/2023	<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	<20
TMW52	TMW51102022DUP	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW52042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW52102023	10/11/2023	<0.20	0.20 J	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW52042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW53	TMW52102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW53042024	4/15/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW53102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW53042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW55	TMW53102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW55042024	4/12/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	TMW55102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW55042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW58	TMW55102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW58042024	4/9/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW58102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW58042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW63	TMW58102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW63042024	4/10/2024	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<0.50	<2.0
	TMW63102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW63042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW64	TMW63102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW64042024	4/17/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW64042024FDUP09	4/17/2024	<4.0	<4.0	<4.0	<2.0	<4.0	<4.0	<1.0	<4.0
	TMW64102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW64042023	4/26/2023	<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	<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 2024
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	BGMW11042024	4/11/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27	<0.32
	BGMW11102023	10/4/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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
BGMW12	BGMW12042024	4/8/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	BGMW12102023	10/2/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	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
BGMW13D	BGMW13D042024	4/16/2024	<0.65	<0.28	<0.33	<0.33	<0.65	<0.28	<0.33
	BGMW13D102023	10/10/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW13D102023FDUP08	10/10/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	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
BGMW13S	BGMW13S042024	4/16/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27	<0.32
	BGMW13S102023	10/10/2023	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
	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
MW25	MW25042024	4/16/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27	<0.32
	MW25102023	10/6/2023	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	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
MW26	MW26042024	4/15/2024	<0.61	<0.26	<0.31	<0.31	<0.61	<0.26	<0.31
	MW26102023	10/9/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	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
MW27	MW27042024	4/9/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	MW27102023	10/9/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	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
MW28	MW28042024	4/11/2024	<0.67	<0.29	<0.34	<0.34	<0.67	<0.29	<0.34
	MW28042024FDUP04	4/11/2024	<0.65	<0.28	<0.33	<0.33	<0.65	<0.28	<0.33
	MW28102023	10/6/2023	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
	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
MW29	MW29042024	4/11/2024	<1.2	<0.51	<0.61	<0.61	<1.2	<0.51	<0.61
	MW29102023	10/6/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	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
MW30	MW30042024	4/18/2024	<0.59	<0.25	<0.30	<0.30	<0.59	<0.25	<0.30
	MW30102023	10/9/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	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
MW31	MW31042024	4/18/2024	<0.61	<0.26	<0.31	<0.31	<0.61	<0.26	<0.31
	MW31102023	10/9/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	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
MW32	MW32042024	4/8/2024	<1.2	<0.51	<0.61	<0.61	<1.2	<0.51	<0.61
	MW32102023	10/2/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	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

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
MW33	MW33042024	4/15/2024	<0.62	<0.26	<0.31	<0.31	<0.62	<0.26	<0.31
	MW33042024FDUP07	4/15/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	MW33102023	10/9/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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
MW34	MW34042024	4/15/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	MW34102023	10/9/2023	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
	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
MW35	MW35042024	4/15/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27	<0.32
	MW35042024FDUP06	4/15/2024	<0.64	<0.28	<0.33	<0.33	<0.64	<0.28	<0.33
	MW35102023	10/9/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	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
MW36D	MW36D042024	4/15/2024	<0.68	<0.29	<0.34	<0.34	<0.68	<0.29	<0.34
	MW36D102023	10/5/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	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
MW36S	MW36S042024	4/15/2024	<0.61	<0.26	<0.31	<0.31	<0.61	<0.26	<0.31
	MW36S102023	10/5/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	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
MW37	MW37042024	4/8/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	MW37102023	10/11/2023	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
	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
MW38	MW38042024	4/15/2024	<0.65	<0.28	<0.33	<0.33	<0.65	<0.28	<0.33
	MW38102023	10/9/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	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
MW39	MW39042024	4/10/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	MW39102023	10/9/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	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
TMW57	TMW57042024	4/15/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27	<0.32
	TMW57102023	10/9/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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
TMW59	TMW59042024	4/15/2024	<0.62	<0.27	<0.32	<0.32	<0.62	<0.27	<0.32
	TMW59102023	10/9/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	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
TMW61	TMW61042024	4/15/2024	<0.60	<0.26	<0.31	<0.31	<0.60	<0.26	<0.31
	TMW61102023	10/9/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	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
TMW62	TMW62042024	4/12/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	TMW62102023	10/6/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	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

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
Bedrock Wells									
BGMW07	BGMW07042024	4/9/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	BGMW07102023	10/3/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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
BGMW08	BGMW08102023	10/2/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	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
BGMW09	BGMW09042024	4/8/2024	<1.2	<0.51	<0.61	<0.61	<1.2	<0.51	<0.61
	BGMW09102023	10/3/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	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
BGMW10	BGMW10042024	4/9/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	BGMW10042024FDUP02	4/9/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	BGMW10102023	10/3/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	BGMW10102023FDUP02	10/3/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	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
TMW50	BGMW10102022	10/4/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW50042024	4/10/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	TMW50102023	10/4/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	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
	TMW51	TMW51042024	4/12/2024	<0.63	<0.27	<0.32	<0.32	<0.63	<0.27
TMW51102023		10/6/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
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
TMW52	TMW52042024	4/15/2024	<0.65	<0.28	<0.33	<0.33	<0.65	<0.28	<0.33
	TMW52102023	10/11/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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
TMW53	TMW53042024	4/15/2024	<0.66	<0.28	<0.33	<0.33	<0.66	<0.28	<0.33
	TMW53102023	10/9/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	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
TMW55	TMW55042024	4/12/2024	<0.60	<0.26	<0.31	<0.31	<0.60	<0.26	<0.31
	TMW55102023	10/6/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	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
TMW58	TMW58042024	4/9/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	TMW58102023	10/4/2023	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	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
TMW63	TMW63042024	4/10/2024	<0.60	<0.26	<0.30	<0.30	<0.60	<0.26	<0.30
	TMW63102023	10/4/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	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

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW64	TMW64042024	4/17/2024	<0.60	<0.26	<0.31	<0.31	<0.60	<0.26	<0.31
	TMW64042024FDUP09	4/17/2024	<0.65	<0.28	<0.33	<0.33	<0.65	<0.28	<0.33
	TMW64102023	10/11/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	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

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 2024
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	BGMW01042024	4/9/2024	30 J	<1.0	0.66 J	16	<0.60	<0.75	69,000	<1.8	0.37 J	0.94 J	22 J	<0.70	36,000	390	<1.9	440 J	6.3	<0.15	870,000	<0.75	5.8	<8.0	<0.08		
	BGMW01102023	10/3/2023	<250	<2.5	0.79 J	19	<1.0	<1.0	62,000	45	0.76 J	4.7 J	230 J	<0.50	37,000	330	12	410 J	7.5	<1.0	930,000	<1.0	5.6	<50	<0.20		
	BGMW01042023	4/18/2023	<250	<2.5	0.91 J	16	<1.0	<1.0	65,000	<1.0	<1.0	<5.0	<250	<0.50	36,000	380	<2.5	380 J	6.8	<1.0	910,000	<1.0	5.2	<50	<0.20		
	BGMW01102022	10/5/2022	100	<0.50	1.2 J	19	<0.30	<0.40	76,000	<0.80	0.32 J	1.2	59	<0.20	39,000	330	0.75 J	310	6.6	<0.30	870,000	<0.30	5.7	<8.0	<0.16		
BGMW02	BGMW02042024	4/9/2024	100 J	<1.0	0.57 J	14	<0.60	<0.75	46,000	<1.8	<0.90	0.87 J	67 J	<0.70	57,000	61	<1.9	260 J	25	<0.15	670,000	<0.75	6.7	<8.0	<0.08		
	BGMW02102023	10/3/2023	200 J	<2.5	0.94 J	16	<1.0	<1.0	52,000	<1.0	<1.0	3.6 J	<250	<0.50	71,000	98	<2.5	400 J	27	<1.0	790,000	<1.0	8.8	<50	<0.20		
	BGMW02042023	4/18/2023	<250	<2.5	0.92 J	15	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	71,000	110	<2.5	340 J	28	<1.0	790,000	<1.0	7.8	<50	<0.20		
	BGMW02102022	10/5/2022	<24	<0.50	1.0 J	14	<0.30	<0.40	67,000	<0.80	<0.40	0.90 J	<40	<0.20	75,000	66	0.42 J	310	31	<0.30	720,000	<0.30	6.8	<8.0	<0.16		
BGMW03	BGMW03042024	4/8/2024	2,100	<1.0	2.0 J	31	<0.60	<0.75	49,000	1.2 J	0.54 J	2.8	1,000	0.96 J	10,000	31	1.1 J	1,700	11	<0.15	530,000	<0.75	13	3.6 J	<0.08		
	BGMW03102023	10/2/2023	910	<2.5	1.8 J	32	<1.0	<1.0	59,000	1.4 J	0.60 J	3.6 J	750 J	0.75 J	13,000	30	1.3 J	1,600	9.9	<1.0	570,000	<1.0	13	<50	<0.20		
	BGMW03042023	4/18/2023	160 J	<2.5	1.5 J	23	<1.0	<1.0	57,000	0.53 J	<1.0	3.9 J	<250	0.27 J	12,000	20	<2.5	1,300	10	<1.0	580,000	<1.0	10	84 J	<0.20		
	BGMW03102022	10/3/2022	470	<0.50	3.4	18	<0.30	<0.40	18,000	0.63 J	0.35 J	3.6	270	0.24 J	5,500	27	1.4 J	740	33	<0.30	650,000	<0.30	19	<8.0	<0.16		
	BGMW03102022DUP	10/3/2022	2,100	<0.50	1.8 J	38	0.13 J	<0.40	67,000	0.81 J	0.54	2.7	1,200	1.2	13,000	37	0.98 J	1,800	8.8	<0.30	510,000	<0.30	12	11 J	<0.16		
BGMW11	BGMW11042024	4/11/2024	190 J	<1.0	0.82 J	11	<0.60	<0.75	77,000	1.4 J	<0.90	1.9 J	220	<0.70	32,000	210	2.3 J	630 J	<4.0	<0.15	1,100,000	<0.75	2.4 J	3.0 J	<0.08		
	BGMW11102023	10/4/2023	550	<2.5	1.2 J	17	<1.0	<1.0	81,000	1.3 J	0.58 J	4.8 J	460 J	<0.50	35,000	220	1.5 J	770 J	0.79 J	<1.0	1,100,000	<1.0	4.3 J	<50	<0.20		
	BGMW11042023	4/19/2023	<250	<2.5	0.81 J	12	<1.0	<1.0	79,000	0.62 J	<1.0	<5.0	<250	<0.50	33,000	160	<2.5	970 J	0.88 J	<1.0	1,100,000	<1.0	3.3 J	49 J	<0.20		
	BGMW11102022	10/4/2022	180	<0.50	0.89 J	10	<0.30	<0.40	90,000	0.55 J	0.44 J	2.9	210	0.074 J	35,000	180	1.3 J	740	0.82 J	<0.30	1,100,000	0.28 J	2.8 J	4.8 J	<0.16		
BGMW12	BGMW12042024	4/8/2024	7,000	<1.0	1.5 J	99	0.30 J	<0.75	42,000	8.8	2.0	3.2	5,900	2.6	18,000	260	7.9	1,900	<4.0	<0.15	440,000	<0.75	15	27	<0.08		
	BGMW12102023	10/2/2023	2,500	<2.5	1.6 J	59	<1.0	<1.0	39,000	3.0 J	1.3 J	3.4 J	2,000	1.2 J	17,000	200	3.8 J	920 J	<1.5	<1.0	480,000	<1.0	9.7	<50	<0.20		
	BGMW12042023	4/17/2023	820	<2.5	0.94 J	39	<1.0	<1.0	34,000	0.56 J	0.64 J	<5.0	890 J	0.81 J	15,000	130	1.9 J	410 J	<1.5	<1.0	470,000	<1.0	4.3 J	<50	<0.20		
	BGMW12102022	10/13/2022	8,400	0.89 J	1.5 J	94	0.38 J	<0.40	39,000	6.6	2.3	3.3	5,500	2.5	17,000	150	5.2	2,200	<0.60	<0.30	410,000	<0.30	19	14 J	<0.16		
BGMW13D	BGMW13D042024	4/16/2024	1,000	<1.0	<2.0	280	<0.60	<0.75	16,000	28	0.74 J	0.86 J	1,100	0.51 J	4,200	150	19	860 J	<4.0	<0.15	270,000	<0.75	3.9 J	4.5 J	<0.08		
	BGMW13D102023	10/10/2023	130 J	<2.5	<1.2	260	<1.0	<1.0	14,000	7.5	<1.0	<5.0	260 J	<0.50	4,000	130	2.0 J	650 J	<1.5	<1.0	300,000	<1.0	2.4 J	<50	<0.20		
	BGMW13D102023FDUP08	10/10/2023	370 J	<2.5	<1.2	260	<1.0	<1.0	16,000	11	<1.0	<5.0	460 J	<0.50	4,300	150	3.6 J	640 J	<1.5	<1.0	270,000	<1.0	2.8 J	<50	<0.20		
	BGMW13D042023	4/25/2023	1,700	<2.5	1.4 J	550	<1.0	<1.0	76,000	22	1.7 J	<5.0	4,300	2.8 J	6,500	740	26	1,100	<1.5	<1.0	290,000	<1.0	14	<50	<0.20		
	BGMW13D102022	10/3/2022	890	<0.50	<1.7	260	<0.30	<0.40	16,000	1.9 J	0.25 J	0.59 J	720	0.34 J	4,200	140	1.3 J	890	<0.60	<0.30	260,000	<0.30	2.8 J	<8.0	<0.16		
BGMW13S	BGMW13S042024	4/16/2024	300	<1.0	0.51 J	220	<0.60	<0.75	27,000	1.5 J	<0.90	<1.8	890	<0.70	7,800	380	1.0 J	830 J	<4.0	<0.15	280,000	<0.75	1.9 J	2.5 J	<0.08		
	BGMW13S102023	10/10/2023	170 J	<2.5	<1.2	230	<1.0	<1.0	27,000	0.99 J	<1.0	<5.0	790 J	<0.50	8,300	390	<2.5	930 J	<1.5	<1.0	290,000	<1.0	1.4 J	<50	<0.20		
	BGMW13S042023	4/25/2023	<250	<2.5	<1.2	230	<1.0	<1.0	27,000	0.56 J	<1.0	<5.0	750 J	<0.50	8,500	390	<2.5	920 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20		
	BGMW13S102022	10/12/2022	280	<0.50	<1.7	210	<0.30	<0.40	27,000	0.83 J	<0.40	<0.90	720	0.11 J	8,100	350	0.85 J	970	<0.60	<0.30	270,000	<0.30	1.6 J	<8.0	<0.16		
	BGMW13S102022DUP	10/12/2022	300	<0.50	<1.7	210	<0.30	<0.40	27,000	1.0 J	0.17 J	0.44 J	770	0.14 J	7,900	350	0.61 J	930	<0.60	<0.30	280,000	<0.30	1.5 J	<8.0	<0.16		
FW31	FW31042024	4/10/2024	340	<1.0	6.5	14	<0.60	<0.75	6,000	0.66 J	<0.90	<1.8	210	<0.70	2,400	9.8											

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																						
			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	MW18D042024	4/15/2024	790	<1.0	0.86 J	19	<0.60	<0.75	64,000	1.4 J	0.38 J	3.7	420	0.34 J	17,000	540	4.1	530 J	<4.0	<0.15	2,000,000	<0.75	5.1	16	<0.08
	MW18D102023	10/11/2023	730 J	<10	6.4 J	29	<4.0	<4.0	74,000	9.5 J	<4.0	<20	570 J	<2.0	20,000	620	9.7 J	1,000 J	<6.0	<4.0	2,100,000	<4.0	20 J	<200	<0.20
	MW18D042023	4/26/2023	<1,000	<10	<5.0	24	<4.0	<4.0	95,000	<4.0	<4.0	<20	780 J	<2.0	22,000	820	<10	<2,000	<6.0	<4.0	2,200,000	<4.0	<10	150 J	<0.20
	MW18D102022	10/6/2022	350	<0.50	0.94 J	21	<0.30	<0.40	81,000	<0.80	0.68	2.1	300	0.20 J	20,000	820	1.8	430	<0.60	<0.30	2,200,000	<0.30	2.8 J	16	<0.16
MW20	MW20042024	4/17/2024	34 J	<1.0	<2.0	15	<0.60	<0.75	250,000	0.95 J	1.3	2.8	840	<0.70	49,000	1,500	3.2	630 J	75	<0.15	2,900,000	<0.75	1.6 J	110	<0.08
	MW20102023	10/11/2023	<1,000	<10	4.7 J	15 J	<4.0	<4.0	250,000	3.7 J	<4.0	<20	560 J	<2.0	55,000	1,800	6.5 J	<2,000	96	<4.0	2,800,000	<4.0	11 J	140 J	<0.20
	MW20042023	4/26/2023	<1,000	<10	<5.0	21	<4.0	<4.0	240,000	<4.0	<4.0	<20	<1,000	<2.0	55,000	1,600	<10	<2,000	81	<4.0	2,900,000	<4.0	<10	130 J	<0.20
	MW20102022	10/12/2022	<24	<0.50	<1.7	17	<0.30	<0.40	310,000	<0.80	1.4	2.3	53	<0.20	55,000	1,600	2.0	590	90	<0.30	3,100,000	<0.30	<2.0	90	<0.16
MW22D	MW22D042024	4/12/2024	70 J	<1.0	<2.0	12	<0.60	<0.75	87,000	0.71 J	<0.90	0.76 J	400	<0.70	17,000	130	<1.9	370 J	36	0.060 J	1,100,000	<0.75	2.2 J	10	<0.08
	MW22D102023	10/12/2023	<500	<5.0	<2.5	12	<2.0	<2.0	85,000	15	<2.0	<10	400 J	<1.0	17,000	140	3.6 J	<1,000	39	<2.0	1,000,000	<2.0	<5.0	<100	<0.20
	MW22D042023	4/27/2023	<500	<5.0	<2.5	12	<2.0	<2.0	93,000	<2.0	<2.0	<10	<500	<1.0	19,000	160	<5.0	<1,000	40	<2.0	1,100,000	<2.0	<5.0	75 J	<0.20
	MW22D102022	10/12/2022	<24	<0.50	<1.7	10	<0.30	<0.40	86,000	<0.80	0.19 J	0.60 J	29 J	<0.20	17,000	140	0.60 J	340	40	<0.30	840,000	<0.30	1.5 J	<8.0	<0.16
MW23	MW23042024	4/8/2024	140 J	<1.0	1.6 J	220	<0.60	<0.75	13,000	1.3 J	<0.90	1.2 J	230	<0.70	5,600	54	2.8 J	1,100	<4.0	0.089 J	440,000	<0.75	2.8 J	21	<0.08
	MW23102023	10/2/2023	<250	<2.5	2.2 J	230	<1.0	<1.0	12,000	0.52 J	<1.0	<5.0	<250	<0.50	5,900	49	1.4 J	1,200	<1.5	<1.0	490,000	<1.0	5.0 J	<50	<0.20
	MW23042023	4/24/2023	<250	<2.5	2.3 J	230	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	160 J	<0.50	6,100	51	<2.5	1,200	<1.5	<1.0	490,000	<1.0	4.8 J	<50	<0.20
	MW23102022	10/13/2022	100	<0.50	1.5 J	260	<0.30	<0.40	18,000	0.36 J	0.25 J	0.53 J	200	0.17 J	7,100	73	<0.80	1,100	<0.60	<0.30	470,000	<0.30	2.2 J	<8.0	0.083 J
MW24	MW24042024	4/9/2024	21 J	<1.0	0.67 J	290	<0.60	<0.75	31,000	<1.8	<0.90	<1.8	2,000	<0.70	10,000	450	<1.9	830 J	<4.0	0.064 J	250,000	<0.75	1.2 J	<8.0	<0.08
	MW24102023	10/3/2023	<250	<2.5	<1.2	370	<1.0	<1.0	34,000	<1.0	<1.0	3.1 J	2,700	<0.50	11,000	450	<2.5	750 J	<1.5	<1.0	270,000	<1.0	<2.5	<50	<0.20
	MW24042023	4/18/2023	<250	<2.5	0.95 J	250	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	2,000	<0.50	11,000	460	<2.5	770 J	<1.5	<1.0	270,000	<1.0	<2.5	<50	<0.20
	MW24102022	10/3/2022	130	<0.50	0.75 J	300	<0.30	<0.40	32,000	<0.80	<0.40	<0.90	1,800	<0.20	10,000	430	<0.80	780	<0.60	<0.30	240,000	<0.30	<2.0	<8.0	<0.16
MW25	MW25042024	4/16/2024	2,500	<1.0	0.78 J	40	<0.60	<0.75	110,000	14	0.95 J	1.4 J	1,600	0.84 J	19,000	80	9.6	1,200	61	<0.15	1,500,000	<0.75	4.1 J	4.5 J	<0.08
	MW25102023	10/6/2023	840 J	<5.0	<2.5	25	<2.0	<2.0	110,000	<2.0	<2.0	<10	470 J	<1.0	21,000	53	<5.0	1,100 J	67	<2.0	1,400,000	<2.0	3.1 J	<100	<0.20
	MW25042023	4/21/2023	120 J	<2.5	<1.2	14	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	21,000	31	<2.5	820 J	68	<1.0	1,400,000	<1.0	1.5 J	<50	<0.20
	MW25102022	10/13/2022	2,800	<0.50	0.77 J	32	<0.30	<0.40	120,000	3.9	0.73	1.3	1,300	0.90	23,000	81	1.7	1,300	74	<0.30	1,300,000	<0.30	4.1	15	<0.16
MW26	MW26042024	4/15/2024	120 J	<1.0	<2.0	16	<0.60	<0.75	100,000	<1.8	0.34 J	0.85 J	97 J	<0.70	17,000	1,200	<1.9	540 J	<4.0	<0.15	1,000,000	<0.75	2.6 J	<8.0	<0.08
	MW26102023	10/9/2023	<250	<2.5	<1.2	18	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	19,000	1,200	<2.5	580 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	MW26042023	4/24/2023	500 J	<2.5	<1.2	22	<1.0	<1.0	100,000	15	1.3 J	<5.0	420 J	0.29 J	19,000	1,400	23	770 J	<1.5	<1.0	1,000,000	<1.0	3.3 J	34 J	<0.20
	MW26102022	10/11/2022	2,100	<0.50	1.0 J	36	<0.30	<0.40	100,000	2.5	1.0	1.9	1,200	0.80	19,000	1,800	1.4 J	1,000	<0.60	<0.30	940,000	<0.30	5.5	9.9 J	<0.16
MW27	MW27042024	4/9/2024	3,600	<1.0	1.2 J	76	<0.60	<0.75	69,000	5.0	1.1	6.6	2,600	1.2	14,000	68	3.8	1,300	29	<0.15	890,000	<0.75	6.7	22	<0.08
	MW27102023	10/9/2023	3,200	<2.5	1.4 J	170	<1.0	<1.0	76,000	5.9	1.7 J	13	2,700	1.8 J	15,000	140	4.8 J	1,200	31	<1.0	980,000	<1.0	5.7	<50	<0.20
	MW27042023	4/24/2023	1,500	<2.5	2.0 J	32	<1.0	<1.0	80,000	4.0 J	1.7 J	28	1,500	2.5 J	15,000	200	2.1 J	1,100	32	<1.0					

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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																						
			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
MW32	MW32042024	4/8/2024	26,000	<1.0	5.3	380	1.1	0.21 J	160,000	29	8.9	45	20,000	13	32,000	710	20	4,900	94	<0.15	1,200,000	<0.75	37	61	<0.08
	MW32102023	10/2/2023	4,000	<5.0	2.3 J	110	<2.0	<2.0	140,000	7.7 J	3.0 J	37	4,000	2.8 J	29,000	380	5.9 J	1,300 J	110	<2.0	1,400,000	<2.0	10	<100	<0.20
	MW32042023	4/17/2023	960	<2.5	1.3 J	22	<1.0	<1.0	140,000	2.7 J	1.7 J	32	1,100	1.4 J	27,000	380	2.3 J	720 J	110	<1.0	1,400,000	<1.0	4.9 J	30 J	<0.20
	MW32102022	10/7/2022	5,300	0.38 J	1.8 J	74	0.24 J	<0.40	150,000	8.6	1.8	18	3,900	1.8	30,000	250	4.2	1,700	120	<0.30	1,300,000	<0.30	7.9	11 J	<0.16
MW33	MW33042024	4/15/2024	11,000	<1.0	2.9 J	120	<0.60	<0.75	21,000	10	2.7	4.8	6,400	2.5	5,800	160	7.3	2,900	<4.0	<0.15	680,000	<0.75	13	15	<0.08
	MW33042024FDUP07	4/15/2024	83,000	0.79 J	8.5	810	2.8	0.27 J	100,000	79	21	34	49,000	23	27,000	1,300	52	14,000	<4.0	0.12 J	730,000	0.39 J	87	110	0.075 J
	MW33102023	10/9/2023	570	<2.5	2.9 J	43	<1.0	<1.0	10,000	0.68 J	<1.0	<5.0	260 J	<0.50	2,900	28	1.4 J	1,400	<1.5	<1.0	700,000	<1.0	6.7	<50	<0.20
	MW33042023	4/24/2023	1,000	<2.5	2.8 J	37	<1.0	<1.0	9,400	1.2 J	<1.0	<5.0	430 J	0.35 J	2,900	38	1.3 J	1,600	<1.5	<1.0	680,000	<1.0	7.0	<50	<0.20
MW34	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
	MW34042024	4/15/2024	4,700	<1.0	1.6 J	68	<0.60	<0.75	72,000	4.9	1.6	3.5	3,700	1.8	16,000	1,000	4.8	1,300	1.8 J	<0.15	1,600,000	<0.75	10	9.6 J	<0.08
	MW34102023	10/9/2023	<500	<5.0	<2.5	26	<2.0	<2.0	70,000	<2.0	<2.0	<10	<500	<1.0	16,000	56	3.2 J	<1,000	1.9 J	<2.0	1,700,000	<2.0	<5.0	<100	<0.20
	MW34042023	4/24/2023	720 J	<5.0	1.3 J	27	<2.0	<2.0	72,000	1.4 J	<2.0	<10	490 J	0.56 J	16,000	660	<5.0	700 J	2.2 J	<2.0	1,600,000	<2.0	6.1 J	<100	<0.20
MW35	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
	MW35042024	4/15/2024	330	<1.0	<2.0	11	<0.60	<0.75	20,000	1.7 J	<0.90	<1.8	280	<0.70	2,500	33	1.0 J	990 J	<4.0	0.053 J	790,000	<0.75	3.7 J	<8.0	<0.08
	MW35042024FDUP06	4/15/2024	320	<1.0	<2.0	11	<0.60	<0.75	18,000	2.0 J	0.33 J	<1.8	200	<0.70	2,500	33	1.3 J	1,000	<4.0	<0.15	820,000	<0.75	4.6 J	2.1 J	<0.08
	MW35102023	10/9/2023	<250	<2.5	<1.2	11	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	34	<2.5	1,100	<1.5	<1.0	790,000	<1.0	2.0 J	<50	<0.20
MW36D	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
	MW36D042024	4/15/2024	290	<1.0	<2.0	220	<0.60	<0.75	38,000	0.90 J	<0.90	0.93 J	1,200	<0.70	13,000	260	1.0 J	940 J	<4.0	<0.15	590,000	<0.75	<3.0	5.5 J	<0.08
MW36S	MW36D102023	10/5/2023	240 J	<2.5	0.69 J	230	<1.0	<1.0	38,000	0.61 J	<1.0	<5.0	1,100	<0.50	14,000	310	<2.5	910 J	<1.5	<1.0	560,000	<1.0	2.6 J	<50	<0.20
	MW36D042023	4/24/2023	<250	<2.5	<1.2	230	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	1,100	<0.50	14,000	280	<2.5	1,000	<1.5	<1.0	550,000	<1.0	<2.5	29 J	<0.20
	MW36D102022	10/11/2022	300	<0.50	<1.7	220	<0.30	<0.40	38,000	0.63 J	0.23 J	1.2	1,200	0.13 J	13,000	260	0.58 J	910	<0.60	<0.30	520,000	<0.30	1.5 J	<8.0	<0.16
	MW36S042024	4/15/2024	1,500	<1.0	<2.0	18	<0.60	<0.75	320,000	2.4 J	1.9	2.9	1,000	0.60 J	120,000	1,600	3.3	1,600	<4.0	<0.15	2,100,000	<0.75	2.8 J	9.1 J	<0.08
MW37	MW36S102023	10/5/2023	1,900	<5.0	1.6 J	38	<2.0	<2.0	310,000	2.9 J	3.2 J	5.5 J	1,500 J	1.4 J	130,000	1,600	2.8 J	1,700 J	2.0 J	<2.0	2,000,000	<2.0	5.8 J	<100	<0.20
	MW36S042023	4/24/2023	380 J	<5.0	<2.5	9.2 J	<2.0	<2.0	310,000	<2.0	1.8 J	<10	<500	<1.0	130,000	1,400	<5.0	1,800 J	<3.0	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW36S102022	10/14/2022	790	<0.50	<1.7	12	<0.30	<0.40	330,000	0.94 J	1.6	2.7	500	0.30 J	130,000	1,500	2.4	1,500	0.66 J	<0.30	2,000,000	<0.30	2.6 J	15	<0.16
	MW37042024	4/8/2024	9,600	<1.0	2.1 J	140	0.39 J	<0.75	26,000	13	4.5	3.9	6,200	3.6	6,700	1,400	10	2,000	<4.0	<0.15	550,000	<0.75	15	26	<0.08
MW38	MW37102023	10/11/2023	9,600	<2.5	4.7 J	320	0.84 J	<1.0	47,000	8.0	7.2	8.3 J	6,600	7.0	8,500	1,700	13	1,600	<1.5	<1.0	670,000	<1.0	22	41 J	<0.20
	MW37042023	4/25/2023	950	<2.5	1.3 J	59	<1.0	<1.0	30,000	0.80 J	1.6 J	<5.0	330 J	0.56 J	5,300	750	2.7 J	300 J	<1.5	<1.0	620,000	<1.0	4.7 J	<50	<0.20
	MW37102022	10/10/2022	18,000	0.23 J	3.0	180	0.68	<0.40	28,000	12	4.0	5.6	9,200	4.7	8,900	360	9.0	3,500	<0.60	<0.30	590,000	0.17 J	22	28	<0.16
	MW37102022DUP	10/10/2022	3,500	<0.50	1.8 J	72	0.36 J	<0.40	33,000	2.1	2.4	3.1	1,600	1.7	5,700	900	3.0	720	<0.60	<0.30	540,000	<0.30	8.6	14 J	<0.16
MW39	MW38042024	4/15/2024	18,000	0.69 J	3.1 J	200	0.68 J	0.26 J	49,000	16	7.7	9.5	10,000	6.3	11,000	2,500	14	3,300	<4.0	0.12 J	720,000	0.30 J	25	26	<0.08
	MW38102023	10/9/2023	6,700	<2.5	2.2 J	180	<1.0	<1.0	44,000	5.1	6.3	9.1 J	4,200	4.3 J	9,400	2,200	11	1,200	<1.5	<1.0	760,000	<1.0	15	31 J	<0.20
	MW38042023	4/27/2023	810	<2.5	0.93 J	50	<1.0	<1.0	38,000	1.2 J	1.3 J	3.1 J	280 J	<0.50	7,400	1,600	11	400 J	<1.5	<1.0	760,000	<1.0	7.3	53 J	<0.20
	MW38102022	10/10/2022	6,700	0.30 J	1.4 J	85	0.27 J	0.22 J	38,000	4.9	4.2	4.8	3,500	2.3	8,600	2,700	8.8	1,500	<0.60	<0.30	690,000	<0.30	13	31	<0.16
SMW01	MW39042024	4/10/2024	18,000	<1.0	5.0	160	0.46 J	<0.75	54,000	15	4.5	7.9	9,200	4.8	21,000	290	12	3,100	1.2 J	0.11 J	1,500,000	<0.75	25	34	<0.08
	MW39102023	10/9/2023	5,700	<5.0	3.9 J	140	<2.0	<2.0	53,000	4.0 J	2.9 J	7.0 J	3,400	2.7 J	19,000	220	7.3 J	1,300 J	<3.0	<2.0	1,600,000	<2.0	13	<100	<0.20
	MW39042023	4/27/2023	15,000	<5.0	15	44	7.8	1.2 J	340,000	12	28	26	8,400	31	46,000	3,500	28	1,600 J	<3.0	<2.0	2,200,000	<2.0	79	280	0.28 J
	MW39102022	10/10/2022	6,500	0.41 J	4.2	85	0.32 J	<0.40	37,000	5.9	1.8	5.8	3,500	2.1	13,000	96	5.2	1,600	1.2	0.13 J	1,300,000	<0.30	14	11 J	<0.16
TMW01	SMW01042024	4/10/2024	1,100	0.67 J	3.9 J	59	<0.60	0.44 J	19,000	1.4 J	2.5	4.6	580	0.97 J	6,800	810	4.4	330 J	<4.0	0.68 J	1,100,000	0.44 J	8.8	5.1 J	<0.08
	SMW01102023	10/4/2023	660	<2.5	3.2 J	64	<1.0	<1.0	20,000	1.4 J	2.0 J	6.1 J	380 J	0.44 J	6,900	750	3.9 J	320 J	0.79 J	<1.0	1,100,000	<1.0	8.8	<50	<0.20
	SMW01042023	4/19/2023	<250	<2.5	2.7 J	36	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	270	1.9 J	<500	<1.5	<1.0	1,100,000	<1.0	6.1	48 J	0.17 J
	SMW01042023DUP	4/19/2023	<250	<2.5	2.6 J	36	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	270	1.9 J	<500	<1.5	<1.0	1,100,000	<1.0	6.3	47 J	0.20 J

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW02	TMW02042024	4/12/2024	35 J	<1.0	0.88 J	8.1	<0.60	<0.75	23,000	0.89 J	<0.90	<1.8	34 J	<0.70	2,600	0.81 J	<1.9	1,100	68	<0.15	1,000,000	<0.75	40	2.0 J	<0.08
	TMW02102023	10/6/2023	<250	<2.5	1.1 J	8.3	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	75	<1.0	1,100,000	<1.0	42	<50	<0.20
	TMW02102023FDUP05	10/6/2023	<250	<2.5	1.0 J	8.3	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	74	<1.0	1,100,000	<1.0	42	<50	<0.20
	TMW02042023	4/21/2023	<500	<5.0	<2.5	9.1 J	<2.0	<2.0	25,000	<2.0	<2.0	<10	<500	<1.0	3,300	<5.0	<5.0	1,300 J	75	<2.0	1,100,000	<2.0	43	<100	<0.20
	TMW02042023DUP	4/21/2023	<500	<5.0	<2.5	8.4 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	3,000	<5.0	<5.0	1,300 J	71	<2.0	1,100,000	<2.0	43	<100	<0.20
	TMW02102022	10/7/2022	<24	<0.50	1.4 J	7.6	<0.30	<0.40	29,000	<0.80	<0.40	0.47 J	<40	<0.20	3,100	<1.9	<0.80	1,200	78	<0.30	1,200,000	<0.30	42	<8.0	<0.16
TMW02102022DUP	10/7/2022	<24	<0.50	1.2 J	8.7	<0.30	<0.40	28,000	<0.80	<0.40	<0.90	<40	<0.20	3,000	<1.9	<0.80	1,100	79	<0.30	1,100,000	<0.30	42	<8.0	<0.16	
TMW03	TMW03042024	4/16/2024	13 J	<1.0	<2.0	12	<0.60	<0.75	50,000	<1.8	<0.90	<1.8	100 J	<0.70	11,000	4.3	<1.9	290 J	57	<0.15	990,000	<0.75	2.2 J	4.9 J	<0.08
	TMW03102023	10/10/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.4 J	<2.5	280 J	62	<1.0	1,000,000	<1.0	2.0 J	<50	<0.20
	TMW03102023FDUP06	10/10/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	0.68 J	<1.0	<5.0	<250	<0.50	12,000	4.5 J	<2.5	310 J	64	<1.0	990,000	<1.0	1.9 J	<50	<0.20
	TMW03042023	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.6 J	<2.5	470 J	65	<1.0	970,000	<1.0	2.0 J	<50	<0.20
	TMW03042023DUP	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.6 J	<2.5	480 J	66	<1.0	980,000	<1.0	2.1 J	<50	<0.20
	TMW03102022	10/7/2022	<24	<0.50	<1.7	13	<0.30	<0.40	57,000	<0.80	<0.40	0.58 J	<40	<0.20	12,000	5.5	<0.80	320	66	<0.30	910,000	<0.30	1.8 J	5.6 J	<0.16
TMW04	TMW04042024	4/12/2024	16 J	<1.0	0.99 J	9.0	<0.60	<0.75	29,000	3.5	<0.90	<1.8	55 J	<0.70	5,100	0.52 J	<1.9	510 J	70	0.15 J	840,000	<0.75	18	2.3 J	<0.08
	TMW04102023	10/4/2023	<250	<2.5	1.7 J	8.6	<1.0	<1.0	30,000	3.6 J	<1.0	<5.0	<250	<0.50	5,700	<2.5	<2.5	550 J	80	<1.0	940,000	<1.0	20	<50	<0.20
	TMW04042023	4/21/2023	<250	<2.5	0.89 J	8.0	<1.0	<1.0	30,000	3.1 J	<1.0	<5.0	<250	<0.50	5,500	<2.5	<2.5	520 J	73	<1.0	850,000	<1.0	18	<50	<0.20
	TMW04102022	10/10/2022	<24	<0.50	0.91 J	8.0	<0.30	<0.40	37,000	3.6	<0.40	0.51 J	53	<0.20	5,600	<1.9	0.96 J	440	75	<0.30	740,000	<0.30	16	<8.0	<0.16
TMW06	TMW06042024	4/17/2024	71 J	1.5 J	1.4 J	15	<0.60	<0.75	33,000	<1.8	<0.90	9.6	43 J	<0.70	7,000	83	<1.9	250 J	1.0 J	0.093 J	890,000	<0.75	4.7 J	<8.0	<0.08
	TMW06102023	10/11/2023	<250	<2.5	2.3 J	18	<1.0	<1.0	37,000	0.97 J	<1.0	7.3 J	<250	<0.50	7,700	160	1.6 J	340 J	0.85 J	0.58 J	920,000	<1.0	8.0	<50	<0.20
	TMW06042023	4/26/2023	<250	<2.5	0.83 J	17	<1.0	<1.0	36,000	<1.0	<1.0	2.6 J	<250	<0.50	7,900	32	<2.5	260 J	<1.5	<1.0	930,000	<1.0	4.8 J	720	<0.20
	TMW06102022	10/7/2022	<24	0.26 J	1.3 J	16	<0.30	<0.40	36,000	<0.80	<0.40	1.5	<40	<0.20	7,800	50	<0.80	170 J	0.62 J	<0.30	930,000	<0.30	4.1	<8.0	<0.16
TMW07	TMW07042024	4/12/2024	370	<1.0	0.73 J	20	<0.60	<0.75	62,000	6.2	0.48 J	2.6	290	0.30 J	10,000	370	4.1	2,200	<4.0	0.056 J	1,300,000	<0.75	5.6	10	<0.08
	TMW07102023	10/6/2023	<500	<5.0	<2.5	19	<2.0	<2.0	63,000	1.8 J	<2.0	<10	<500	<1.0	11,000	370	3.5 J	3,100	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW07042023	4/21/2023	<500	<5.0	<2.5	15	<2.0	<2.0	61,000	1.8 J	<2.0	<10	<500	<1.0	11,000	440	3.4 J	2,800	<3.0	<2.0	1,300,000	<2.0	5.7 J	56 J	<0.20
	TMW07102022	10/12/2022	210	1.8	1.1 J	17	<0.30	<0.40	65,000	4.8	0.84	14	260	0.57	11,000	520	5.3	3,000	<0.60	<0.30	1,200,000	<0.30	5.5	22	0.085 J
TMW08	TMW08042024	4/11/2024	17 J	<1.0	0.78 J	5.7	<0.60	<0.75	310,000	<1.8	0.54 J	1.9 J	1,500	<0.70	88,000	580	1.7 J	1,100	39	<0.15	4,300,000	<0.75	3.1 J	8.3 J	<0.08
	TMW08102023	10/5/2023	<1,000	<10	<5.0	<10	<4.0	<4.0	300,000	<4.0	<4.0	<20	1,800 J	<2.0	92,000	630	<10	1,100 J	46	<4.0	4,200,000	<4.0	5.9 J	<200	<0.20
	TMW08042023	4/19/2023	<1,000	<10	<5.0	5.7 J	<4.0	<4.0	550,000	<4.0	<4.0	<20	<1,000	<2.0	140,000	660	<10	2,100 J	42	<4.0	5,100,000	<4.0	<10	260 J	<0.20
	TMW08102022	10/5/2022	13 J	<0.50	0.83 J	7.0	<0.30	<0.40	590,000	<0.80	0.53	2.0	2,700	0.091 J	130,000	630	<0.80	1,600	46	<0.30	4,800,000	<0.30	4.7	13 J	<0.16
TMW10	TMW10042024	4/11/2024	<30	0.60 J	0.84 J	14	<0.60	0.49 J	49,000	<1.8	<0.90	1.2 J	<40	<0.70	12,000	13	<1.9	300 J	<4.0	0.77 J	1,500,000	<0			

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW22	TMW22042024	4/12/2024	420	<1.0	0.68 J	23	<0.60	<0.75	36,000	2.8 J	<0.90	1.9 J	400	<0.70	11,000	13	1.4 J	480 J	2.0 J	0.052 J	840,000	<0.75	5.9	14	<0.08
	TMW22042024FDUP05	4/12/2024	27,000	0.59 J	3.9 J	320	0.73 J	<0.75	58,000	60	7.0	22	15,000	7.2	17,000	470	40	3,600	3.1 J	0.090 J	870,000	<0.75	33	56	<0.08
	TMW22102023	10/6/2023	910	<2.5	1.2 J	41	<1.0	<1.0	39,000	2.7 J	<1.0	<5.0	460 J	<0.50	12,000	38	1.8 J	660 J	2.1 J	<1.0	890,000	<1.0	7.3	<50	<0.20
	TMW22042023	4/21/2023	140 J	<2.5	0.92 J	21	<1.0	<1.0	38,000	1.2 J	<1.0	<5.0	<250	<0.50	12,000	12	<2.5	500 J	2.4 J	<1.0	840,000	<1.0	5.4	36 J	<0.20
	TMW22102022	10/6/2022	950	0.23 J	0.83 J	24	<0.30	<0.40	36,000	3.1	0.32 J	3.9	480	0.34 J	9,800	26	1.4 J	580	1.7	<0.30	670,000	<0.30	5.2	8.3 J	<0.16
TMW23	TMW23042024	4/12/2024	11,000	<1.0	2.1 J	160	0.52 J	<0.75	24,000	9.5	2.9	4.3	7,000	3.9	6,700	170	5.6	2,100	<4.0	<0.15	760,000	<0.75	16	18	<0.08
	TMW23102023	10/6/2023	970	<2.5	0.89 J	25	<1.0	<1.0	17,000	1.9 J	<1.0	<5.0	330 J	<0.50	4,700	6.6	<2.5	410 J	<1.5	<1.0	740,000	<1.0	2.8 J	<50	<0.20
	TMW23042023	4/21/2023	780	<2.5	1.5 J	32	<1.0	<1.0	22,000	1.9 J	0.70 J	<5.0	420 J	1.3 J	4,700	88	1.6 J	550 J	<1.5	<1.0	880,000	<1.0	5.1	<50	<0.20
	TMW23102022	10/7/2022	960	0.21 J	1.2 J	26	<0.30	<0.40	18,000	1.2 J	0.23 J	0.92 J	530	0.26 J	4,700	7.2	<0.80	460	<0.60	<0.30	860,000	<0.30	3.7 J	7.0 J	<0.16
TMW24	TMW24042024	4/16/2024	<30	<1.0	0.95 J	33	<0.60	<0.75	37,000	<1.8	<0.90	<1.8	65 J	<0.70	9,200	120	<1.9	<76	<4.0	<0.15	100,000	<0.75	1.8 J	<8.0	<0.08
	TMW24102023	10/9/2023	<250	<2.5	0.99 J	37	<1.0	<1.0	42,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	140	1.8 J	290 J	<1.5	<1.0	1,100,000	<1.0	1.4 J	<50	<0.20
	TMW24042023	4/24/2023	<250	<2.5	1.2 J	34	<1.0	<1.0	40,000	<1.0	<1.0	<5.0	<250	<0.50	10,000	140	<2.5	430 J	<1.5	<1.0	1,100,000	<1.0	3.0 J	31 J	<0.20
	TMW24102022	10/13/2022	<24	<0.50	1.1 J	35	<0.30	<0.40	41,000	<0.80	0.22 J	0.45 J	61	<0.20	10,000	130	0.75 J	280	<0.60	<0.30	960,000	<0.30	2.0 J	<8.0	<0.16
TMW25	TMW25042024	4/15/2024	190 J	<1.0	0.77 J	14	<0.60	<0.75	48,000	<1.8	0.34 J	1.3 J	190 J	<0.70	9,800	320	1.2 J	220 J	<4.0	0.053 J	910,000	<0.75	4.6 J	2.1 J	<0.08
	TMW25102023	10/6/2023	100 J	<2.5	0.85 J	18	<1.0	<1.0	51,000	0.65 J	0.90 J	4.6 J	210 J	<0.50	11,000	670	3.8 J	260 J	<1.5	<1.0	860,000	<1.0	5.3	<50	<0.20
	TMW25042023	4/27/2023	120 J	<2.5	0.77 J	17	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	320 J	<0.50	11,000	380	2.2 J	260 J	<1.5	<1.0	890,000	<1.0	5.6	<50	<0.20
	TMW25102022	10/12/2022	36	<0.50	0.79 J	13	<0.30	<0.40	52,000	<0.80	<0.40	1.5	32 J	<0.20	11,000	130	<0.80	160 J	0.30 J	<0.30	930,000	<0.30	4.0	<8.0	<0.16
TMW26	TMW26042024	4/10/2024	180 J	<1.0	1.1 J	20	<0.60	<0.75	19,000	<1.8	<0.90	2.1	95 J	<0.70	7,500	130	1.6 J	200 J	<4.0	0.064 J	880,000	<0.75	3.6 J	<8.0	<0.08
	TMW26102023	10/4/2023	360 J	<2.5	1.7 J	24	<1.0	<1.0	20,000	0.64 J	<1.0	4.2 J	160 J	<0.50	7,700	130	2.0 J	370 J	<1.5	<1.0	910,000	<1.0	5.7	<50	<0.20
	TMW26042023	4/19/2023	110 J	<2.5	1.2 J	21	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	7,700	130	1.3 J	310 J	<1.5	<1.0	980,000	<1.0	4.3 J	76 J	<0.20
	TMW26102022	10/4/2022	<24	<0.50	1.1 J	17	<0.30	<0.40	20,000	<0.80	0.28 J	1.7	<40	<0.20	6,700	110	1.6	220	<0.60	0.18 J	730,000	<0.30	3.1 J	<8.0	<0.16
TMW27	TMW27042024	4/10/2024	9.2 J	<1.0	21	110	<0.60	<0.75	24,000	<1.8	<0.90	1.4 J	460	<0.70	6,200	490	<1.9	470 J	<4.0	<0.15	360,000	<0.75	2.1 J	21	<0.08
	TMW27042024FDUP03	4/10/2024	13 J	<1.0	21	120	<0.60	<0.75	24,000	<1.8	<0.90	<1.8	440	<0.70	6,000	490	<1.9	430 J	<4.0	<0.15	360,000	<0.75	1.8 J	18	<0.08
	TMW27102023	10/4/2023	<250	<2.5	23	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	580 J	<0.50	6,500	570	<2.5	480 J	<1.5	<1.0	350,000	<1.0	3.6 J	<50	<0.20
	TMW27102023FDUP03	10/4/2023	<250	<2.5	23	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	610 J	<0.50	6,700	570	1.3 J	490 J	<1.5	<1.0	360,000	<1.0	3.8 J	<50	<0.20
	TMW27042023	4/19/2023	<250	<2.5	23	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	570 J	<0.50	6,700	580	<2.5	540 J	<1.5	<1.0	350,000	<1.0	<2.5	56 J	<0.20
	TMW27102022	10/4/2022	13 J	<0.50	22	130	<0.30	<0.40	26,000	<0.80	0.29 J	0.38 J	580	<0.20	6,400	560	0.67 J	450	<0.60	<0.30	330,000	<3.0	<2.0	12 J	<0.16
TMW28	TMW28042024	4/15/2024	<30	<1.0	<2.0	89	<0.60	<0.75	150,000	<1.8	<0.90	<1.8	580	<0.70	39,000	570	<1.9	1,200	<4.0	<0.15	550,000	<0.75	<3.0	2.0 J	<0.08
	TMW28102023	10/10/2023	<250	<2.5	<1.2	60	<1.0	<1.0	94,000	6.9	<1.0	<5.0	450 J	<0.50	29,000	410	2.0 J	1,100	<1.5	<1.0	420,000	<1.0	<2.5	110	<0.20
	TMW28042023	4/24/2023	<250	<2.5	<1.2	61	<1.0	<1.0	170,000	<1.0	<1.0	<5.0	440 J	<0.50	51,000	590	<2.5	1,300	<1.5	<1.0	670,000	<1.0	<2.5	<50	<0.20
	TMW28102022	10/7/2022	<24	<0.50	<1.7	49	<0.30	<0.40	73,000	<0.80	<0.40	<0.90	300	<0.20	23,000	290	<0.80	960	<0.60	<0.30	420,000	<0.30	1.0		

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW35	TMW35042024	4/17/2024	280	<1.0	0.65 J	12	<0.60	<0.75	68,000	<1.8	<0.90	1.5 J	140 J	<0.70	13,000	150	1.1 J	340 J	1.5 J	0.090 J	1,100,000	<0.75	2.5 J	<8.0	<0.08
	TMW35102023	10/11/2023	<250	<2.5	2.0 J	12	<1.0	<1.0	72,000	1.2 J	<1.0	4.5 J	<250	<0.50	14,000	56	1.3 J	360 J	2.1 J	<1.0	1,100,000	<1.0	7.1	<50	<0.20
	TMW35042023	4/26/2023	<250	<2.5	<1.2	11	<1.0	<1.0	71,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	28	<2.5	<500	2.1 J	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
	TMW35102022	10/11/2022	<24	<0.50	<1.7	11	<0.30	<0.40	81,000	<0.80	<0.40	1.4	<40	<0.20	14,000	21	0.77 J	210	2.9	<0.30	1,100,000	<0.30	1.6 J	<8.0	<0.16
TMW39S	TMW39S042024	4/12/2024	3,900	<1.0	0.65 J	53	0.52 J	<0.75	72,000	5.8	0.83 J	3.3	2,100	1.2	16,000	72	3.8	870 J	8.5	<0.15	830,000	<0.75	7.2	9.3 J	<0.08
	TMW39S102023	10/6/2023	400 J	<2.5	<1.2	17	<1.0	<1.0	66,000	1.8 J	<1.0	<5.0	230 J	<0.50	15,000	9.8	<2.5	440 J	9.3	<1.0	790,000	<1.0	2.4 J	<50	<0.20
	TMW39S042023	4/20/2023	180 J	<2.5	<1.2	15	<1.0	<1.0	74,000	1.6 J	<1.0	<5.0	<250	<0.50	17,000	18	<2.5	400 J	9.9	<1.0	850,000	<1.0	3.4 J	<50	0.73
	TMW39S102022	10/7/2022	690	<0.50	<1.7	18	<0.30	<0.40	81,000	2.4	0.24 J	1.1	350	0.27 J	16,000	11	<0.80	400	10	<0.30	830,000	<0.30	4.1	8.6 J	<0.16
TMW41	TMW41042024	4/12/2024	600	<1.0	0.61 J	12	<0.60	<0.75	15,000	0.51 J	<0.90	<1.8	320	<0.70	3,600	4.7	<1.9	510 J	<4.0	<0.15	870,000	<0.75	7.1	3.1 J	<0.08
	TMW41102023	10/6/2023	200 J	<2.5	<1.2	11	<1.0	<1.0	16,000	1.3 J	<1.0	<5.0	<250	<0.50	3,800	2.7 J	<2.5	520 J	<1.5	<1.0	890,000	<1.0	6.7	<50	<0.20
	TMW41042023	4/21/2023	130 J	<2.5	<1.2	11	<1.0	<1.0	16,000	2.1 J	<1.0	<5.0	<250	<0.50	3,800	10	1.6 J	690 J	<1.5	<1.0	850,000	<1.0	7.3	<50	<0.20
	TMW41102022	10/7/2022	450	0.32 J	<1.7	12	<0.30	<0.40	18,000	1.4 J	0.16 J	0.82 J	220	0.14 J	3,600	3.7	<0.80	470	0.42 J	<0.30	870,000	0.27 J	6.8	8.9 J	<0.16
TMW43	TMW43042024	4/16/2024	8.3 J	<1.0	<2.0	19	<0.60	<0.75	32,000	<1.8	<0.90	<1.8	14 J	<0.70	5,800	81	<1.9	580 J	4.3 J	<0.15	590,000	<0.75	1.9 J	3.2 J	<0.08
	TMW43102023	10/10/2023	<250	<2.5	<1.2	20	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	61	<2.5	530 J	5.8	<1.0	580,000	<1.0	1.6 J	<50	<0.20
	TMW43042023	4/25/2023	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	56	<2.5	590 J	5.7	<1.0	580,000	<1.0	1.3 J	<50	<0.20
	TMW43042023DUP	4/25/2023	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,400	54	<2.5	620 J	6.1	<1.0	580,000	<1.0	1.6 J	<50	<0.20
	TMW43102022	10/11/2022	17 J	<0.50	<1.7	19	<0.30	<0.40	37,000	<0.80	<0.40	<0.90	<40	<0.20	6,400	53	<0.80	620	6.0	<0.30	550,000	<0.30	1.6 J	<8.0	<0.16
TMW44	TMW44042024	4/8/2024	2,000	<1.0	0.78 J	33	<0.60	<0.75	37,000	2.2 J	0.51 J	1.0 J	1,300	0.88 J	12,000	54	1.4 J	830 J	2.7 J	<0.15	700,000	<0.75	6.1	5.0 J	<0.08
	TMW44102023	10/2/2023	130 J	<2.5	1.2 J	18	<1.0	<1.0	38,000	1.2 J	<1.0	<5.0	<250	<0.50	12,000	19	<2.5	350 J	2.5 J	<1.0	790,000	<1.0	5.4	<50	<0.20
	TMW44042023	4/18/2023	140 J	<2.5	0.84 J	18	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	0.26 J	12,000	56	<2.5	300 J	2.9 J	<1.0	770,000	<1.0	3.8 J	<50	<0.20
	TMW44102022	10/4/2022	430	<0.50	0.75 J	17	<0.30	<0.40	40,000	0.57 J	<0.40	0.68 J	230	0.19 J	11,000	18	0.40 J	320	2.4	<0.30	750,000	<0.30	3.8 J	<8.0	<0.16
TMW45	TMW45042024	4/16/2024	62 J	<1.0	0.78 J	64	<0.60	<0.75	27,000	<1.8	<0.90	1.8 J	41 J	<0.70	6,900	190	1.0 J	400 J	1.3 J	0.12 J	950,000	<0.75	4.5 J	5.8 J	<0.08
	TMW45102023	10/11/2023	<250	<2.5	2.0 J	71	<1.0	<1.0	30,000	1.6 J	<1.0	<5.0	<250	<0.50	7,800	340	2.2 J	550 J	1.3 J	<1.0	960,000	<1.0	6.9	<50	<0.20
	TMW45042023	4/25/2023	<250	<2.5	0.73 J	66	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,500	180	<2.5	440 J	0.99 J	<1.0	940,000	<1.0	3.7 J	<50	<0.20
	TMW45102022	10/12/2022	22 J	<0.50	0.86 J	59	<0.30	<0.40	29,000	<0.80	0.16 J	1.3	<40	<0.20	7,000	200	1.3 J	370	0.97 J	<0.30	830,000	<0.30	3.7 J	<8.0	<0.16
TMW46	TMW46042024	4/8/2024	2,200	<1.0	0.69 J	39	<0.60	<0.75	98,000	2.4 J	0.62 J	1.1 J	1,500	1.2	22,000	39	1.4 J	820 J	98	<0.15	1,200,000	<0.75	6.6	4.4 J	<0.08
	TMW46102023	10/2/2023	1,000	<5.0	<2.5	37	<2.0	<2.0	110,000	2.6 J	<2.0	<10	790 J	0.67 J	24,000	37	<5.0	560 J	120	<2.0	1,400,000	<2.0	7.8 J	<100	0.11 J
	TMW46042023	4/18/2023	<500	<5.0	<2.5	11	<2.0	<2.0	100,000	<2.0	<2.0	<10	<500	<1.0	23,000	56	<5.0	<1,000	120	<2.0	1,300,000	<2.0	3.6 J	<100	<0.20
	TMW46102022DUP	10/4/2022	650	0.22 J	<1.7	16	<0.30	<0.40	98,000	0.91 J	0.28 J	0.88 J	400	0.42 J	21,000	17	0.67 J	350	120	<0.30	1,200,000	<0.30	4.0	16	<0.16
	TMW46102022	10/4/2022	1,800	0.53 J	<1.7	26	<0.30	<0.40	110,000	1.9 J	0.52	1.2	980	1.1	23,000	39	<0.80	580	120	<0.30	1,200,000	<0.30	5.9	16	<0.16
TMW47	TMW47042024	4/18/2024	22 J	<1.0	<2.0	11	<0.60	<0.75	6,100	<1.8	<0.90	<1.8	<40	<0.70	650	32	<1.9	710 J	<4.0	<0.15	570,000	<0.75	<3.0	<8.0	<0.08
	TMW47042024FDUP10	4/18/2024	17 J	<1.0	<2.0	11	<0.60	<0.75	6,200	<1.8	<0.90	<1.8	3												

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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	
TMW62	TMW62042024	4/12/2024	4,100	<1.0	1.1 J	72	<0.60	<0.75	32,000	3.2	1.3	2.1	2,600	1.2	7,200	260	2.1 J	1,100	1.4 J	<0.15	740,000	<0.75	6.7	5.2 J	<0.08	
	TMW62102023	10/6/2023	4,400	<2.5	2.0 J	130	<1.0	<1.0	36,000	3.5 J	2.5 J	6.7 J	2,800	2.3 J	8,200	410	3.9 J	1,300	2.1 J	<1.0	760,000	<1.0	7.7	<50	<0.20	
	TMW62042023	4/21/2023	780	<2.5	1.1 J	32	<1.0	<1.0	34,000	0.98 J	1.0 J	<5.0	390 J	1.1 J	7,000	290	1.3 J	560 J	1.7 J	<1.0	720,000	<1.0	3.6 J	<50	<0.20	
	TMW62102022	10/7/2022	2,600	<0.50	1.4 J	41	0.15 J	<0.40	36,000	2.4	1.0	63	1,700	3.5	7,600	190	0.75 J	960	1.1	<0.30	730,000	<0.30	5.6	20	<0.16	
Bedrock Wells																										
BGMW07	BGMW07042024	4/9/2024	200	<1.0	<2.0	26	<0.60	<0.75	670,000	1.1 J	1.0	<1.8	130 J	0.33 J	85,000	1,800	1.3 J	6,800	<4.0	0.40 J	5,400,000	<0.75	2.9 J	<8.0	<0.08	
	BGMW07102023	10/3/2023	<1,000	<10	<5.0	30	<4.0	<4.0	730,000	3.8 J	<4.0	14 J	<1,000	<2.0	98,000	1,500	9.1 J	8,800	<6.0	<4.0	6,400,000	<4.0	<10	<200	<1.0	
	BGMW07042023	4/17/2023	<250	<2.5	0.64 J	26	<1.0	<1.0	700,000	1.5 J	1.2 J	<5.0	<250	<0.50	93,000	1,300	2.0 J	8,800	<1.5	<1.0	5,900,000	<1.0	3.9 J	<50	<1.0	
	BGMW07102022	10/3/2022	67	<0.50	<1.7	27	<0.30	<0.40	800,000	0.89 J	1.0	0.47 J	89	0.077 J	97,000	1,300	<0.80	7,600	<0.60	<0.30	6,000,000	<0.30	2.3 J	44	<0.16	
BGMW08	BGMW08102023	10/2/2023	25,000	<10	4.3 J	420	<4.0	<4.0	410,000	92	14 J	35 J	11,000	11 J	50,000	2,400	56	6,400	<6.0	<4.0	4,000,000	<4.0	44	110 J	<0.20	
	BGMW08042023	4/17/2023	460 J	<10	<5.0	13 J	<4.0	<4.0	340,000	5.4 J	<4.0	<20	<1,000	<2.0	42,000	160	<10	4,700	<6.0	<4.0	3,800,000	<4.0	5.0 J	<200	<0.20	
	BGMW08102022	10/3/2022	89,000	1.6	5.7	810	2.8	0.35 J	440,000	150	26	41	44,000	22	63,000	3,200	94	14,000	<0.60	0.21 J	3,800,000	0.32 J	97	100	0.10 J	
BGMW09	BGMW09042024	4/8/2024	12,000	<1.0	4.2 J	220	1.0	<0.75	37,000	11	1.2	2.3	5,500	19	5,800	93	7.1	2,500	<4.0	<0.15	1,100,000	<0.75	10	44	<0.08	
	BGMW09102023	10/3/2023	5,400	<5.0	2.7 J	170	1.1 J	<2.0	37,000	7.4 J	1.4 J	10 J	3,900	13	5,400	150	3.9 J	2,000 J	<3.0	<2.0	1,200,000	<2.0	10	<100	<0.20	
	BGMW09042023	4/17/2023	440 J	<5.0	<2.5	12	<2.0	<2.0	33,000	1.6 J	<2.0	<10	380 J	<1.0	4,000	91	<5.0	1,600 J	<3.0	<2.0	1,200,000	<2.0	7.2 J	<100	<0.20	
	BGMW09042023DUP	4/17/2023	880 J	<5.0	1.3 J	15	<2.0	<2.0	35,000	6.2 J	<2.0	<10	760 J	1.4 J	4,200	130	6.2 J	1,600 J	<3.0	<2.0	1,200,000	<2.0	6.4 J	<100	<0.20	
	BGMW09102022	10/3/2022	3,800	0.32 J	1.9 J	41	0.29 J	<0.40	38,000	6.2	0.71	2.9	2,100	3.4	4,800	67	4.0	1,700	0.35 J	<0.30	1,300,000	<0.30	8.2	11 J	<0.16	
BGMW10	BGMW10042024	4/9/2024	23 J	<1.0	<2.0	6.4	<0.60	<0.75	7,800	0.87 J	<0.90	<1.8	54 J	<0.70	820	19	<1.9	770 J	<4.0	<0.15	570,000	<0.75	<3.0	10	<0.08	
	BGMW10042024FDUP02	4/9/2024	39 J	<1.0	<2.0	6.0	<0.60	<0.75	7,500	<1.8	<0.90	<1.8	53 J	<0.70	850	17	<1.9	780 J	<4.0	0.051 J	600,000	<0.75	<3.0	9.9 J	<0.08	
	BGMW10102023	10/3/2023	<250	<2.5	<1.2	7.9	<1.0	<1.0	8,300	0.92 J	<1.0	3.8 J	<250	<0.50	910	20	<2.5	700 J	<1.5	<1.0	640,000	<1.0	<2.5	<50	<0.20	
	BGMW10102023FDUP02	10/3/2023	<250	<2.5	<1.2	7.2	<1.0	<1.0	8,200	<1.0	<1.0	3.1 J	<250	<0.50	880	17	<2.5	690 J	<1.5	<1.0	610,000	<1.0	<2.5	<50	<0.20	
	BGMW10042023	4/18/2023	<250	<2.5	<1.2	6.6	<1.0	<1.0	7,900	<1.0	<1.0	<5.0	<250	<0.50	900	16	<2.5	710 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20	
	BGMW10042023DUP	4/18/2023	<250	<2.5	<1.2	7.1	<1.0	<1.0	8,200	1.2 J	<1.0	<5.0	<250	<0.50	950	21	<2.5	960 J	<1.5	<1.0	630,000	<1.0	<2.5	30 J	<0.20	
TMW14A	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	
	TMW14A042024	4/15/2024	700	<1.0	<2.0	26	<0.60	<0.75	3,800	4.1	<0.90	15	400	0.46 J	620	25	3.1	470 J	<4.0	0.065 J	450,000	<0.75	1.3 J	4.3 J	<0.08	
	TMW14A102023	10/12/2023	1,200	<2.5	0.64 J	76	<1.0	<1.0	4,900	14	0.73 J	180	720 J	1.1 J	1,100	58	9.6	580 J	<1.5	1.2 J	430,000	<1.0	2.2 J	<50	<0.20	
	TMW14A042023	4/21/2023	<250	<2.5	<1.2	19	<1.0	<1.0	3,600	<1.0	<1.0	19	<250	<0.50	450 J	14	2.1 J	550 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20	
TMW16	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	
	TMW16042024	4/8/2024	750	<1.0	<2.0	17	<0.60	<0.75	4,300	28	0.43 J	9.0	550	1.0	580	8.4	21	760 J	<4.0	0.19 J	410,000	<0.75	6.0	9.0 J	<0.08	
	TMW16042024FDUP01	4/8/2024	640	<1.0	<2.0	16	<0.60	<0.75	4,000	19	0.36 J	5.9	520	0.71 J	520	8.0	17	680 J	<4.0	0.21 J	400,000	<0.75	5.7	5.8 J	<0.08	
	TMW16102023	10/2/2023	400 J	<2.5	<1.2	20	<1.0	<1.0	4,300	12	<1.0	6.0 J	210 J	0.91 J	580	10	9.1	650 J	<1.5	<1.0	470,000	<1.0	8.2	<50	<0.20	
	TMW16102023FDUP01	10/2/2023	430 J	<2.5	<1.2	24	<1.0	<1.0	4,300	12	<1.0	5.4 J	240 J	0.77 J	580	12	9.2	660 J	<1.5	<1.0	450,000	<1.0	8.6	<50	<0.20	
	TMW16042023	4/17/2023	120 J	<2.5	<1.2	14	<1.0	<1.0	4,300	3.5 J	<1.0	<5.0	<250	0.92 J	450 J	8.2	26	630 J	<1.5	<1.0	450,000	<1.0	5.3	<50	<0.20	
TMW17	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								

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury	
			µg/L																							
			SL	5,000	6	10	2,000	4	5	-	50	50	1,000	1,000	15	-	200	200	-	50	50	-	2	86	10,000	2
TMW30	TMW30042024	4/10/2024	290	<1.0	1.3 J	12	<0.60	<0.75	58,000	3.3	<0.90	2.4	240	<0.70	12,000	6.2	2.2 J	760 J	7.5	<0.15	470,000	<0.75	14	16	<0.08	
	TMW30102023	10/4/2023	210 J	<2.5	1.3 J	13	<1.0	<1.0	59,000	1.8 J	<1.0	5.3 J	210 J	<0.50	13,000	6.0	<2.5	810 J	8.3	<1.0	480,000	<1.0	16	<50	<0.20	
	TMW30042023	4/19/2023	<250	<2.5	0.70 J	10	<1.0	<1.0	61,000	0.55 J	<1.0	<5.0	<250	<0.50	12,000	2.1 J	<2.5	770 J	7.6	<1.0	460,000	<1.0	14	48 J	<0.20	
	TMW30102022	10/5/2022	92	<0.50	1.1 J	11	<0.30	<0.40	67,000	0.73 J	<0.40	1.3	90	0.19 J	13,000	5.6	0.47 J	700	7.1	<0.30	450,000	<0.30	13	11 J	0.10 J	
TMW31D	TMW31D042024	4/16/2024	<30	<1.0	0.56 J	9.5	<0.60	<0.75	71,000	<1.8	<0.90	<1.8	18 J	<0.70	12,000	6.7	<1.9	1,300	7.4	<0.15	650,000	<0.75	6.3	14	<0.08	
	TMW31D042024FDUP08	4/16/2024	<30	<1.0	<2.0	9.5	<0.60	<0.75	70,000	<1.8	<0.90	<1.8	12 J	<0.70	12,000	6.7	<1.9	1,300	7.4	<0.15	650,000	<0.75	6.4	14	<0.08	
	TMW31D102023	10/10/2023	<250	<2.5	0.66 J	11	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	5,500	150	<2.5	1,300	1.5 J	<1.0	1,000,000	<1.0	2.5 J	<50	<0.20	
	TMW31D042023	4/25/2023	<250	<2.5	0.70 J	13	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	5,600	180	<2.5	1,400	<1.5	<1.0	1,100,000	<1.0	1.4 J	<50	<0.20	
	TMW31D102022	10/11/2022	<24	<0.50	0.69 J	8.7	<0.30	<0.40	55,000	<0.80	<0.40	0.50 J	<40	<0.20	7,400	23	<0.80	1,100	5.8	<0.30	2,000,000	<0.30	4.7	12 J	<0.16	
TMW32	TMW32042024	4/17/2024	39 J	<1.0	0.85 J	7.1	<0.60	<0.75	10,000	<1.8	<0.90	<1.8	14 J	<0.70	1,200	25	<1.9	780 J	3.6 J	<0.15	700,000	<0.75	4.4 J	<8.0	<0.08	
	TMW32102023	10/12/2023	<250	<2.5	1.4 J	5.6	<1.0	<1.0	13,000	6.3	<1.0	<5.0	<250	<0.50	1,500	31	1.5 J	820 J	1.7 J	<1.0	760,000	<1.0	<2.5	<50	<0.20	
	TMW32042023	4/27/2023	<250	<2.5	1.2 J	5.7	<1.0	<1.0	14,000	<1.0	<1.0	<5.0	<250	<0.50	1,400	32	<2.5	950 J	1.7 J	<1.0	810,000	<1.0	<2.5	<50	<0.20	
	TMW32102022	10/13/2022	16 J	0.31 J	1.5 J	5.5	<0.30	<0.40	15,000	<0.80	<0.40	<0.90	<40	<0.20	1,300	29	<0.80	860	2.3	<0.30	800,000	<0.30	1.1 J	<8.0	<0.16	
TMW36	TMW36042024	4/8/2024	260	<1.0	<2.0	6.7	<0.60	<0.75	9,400	150	1.3	67	380	<0.70	970	47	55	900 J	<4.0	0.33 J	630,000	<0.75	1.1 J	38	<0.08	
	TMW36102023	10/2/2023	380 J	<2.5	<1.2	9.0	<1.0	<1.0	11,000	15	2.8 J	57	600 J	0.33 J	1,100	110	110	890 J	<1.5	<1.0	710,000	<1.0	2.3 J	110	<0.20	
	TMW36042023	4/17/2023	<250	<2.5	<1.2	5.8	<1.0	<1.0	8,700	6.5	<1.0	7.9 J	<250	<0.50	930	22	20	810 J	<1.5	<1.0	660,000	<1.0	<2.5	36 J	0.12 J	
	TMW36102022	10/3/2022	190	<0.50	<1.7	7.4	<0.30	<0.40	16,000	3.4	0.26 J	4.7	100	0.28 J	1,000	23	12	780	<0.60	<0.30	640,000	<0.30	<2.0	23	<0.16	
TMW37	TMW37042024	4/9/2024	1,300	<1.0	<2.0	16	<0.60	<0.75	7,100	110	2.5	16	1,800	5.6	920	42	130	1,000	<4.0	3.4	560,000	<0.75	4.4 J	91	<0.08	
	TMW37102023	10/3/2023	280 J	<2.5	<1.2	8.6	<1.0	<1.0	6,000	25	0.68 J	8.5 J	360 J	0.46 J	710	14	43	600 J	<1.5	<1.0	550,000	<1.0	2.5 J	31 J	<0.20	
	TMW37042023	4/18/2023	<250	<2.5	<1.2	7.2	<1.0	<1.0	5,500	12	<1.0	<5.0	140 J	<0.50	640	7.4	26	610 J	<1.5	<1.0	560,000	<1.0	3.1 J	35 J	<0.20	
	TMW37102022	10/4/2022	<2,400	<0.50	<1.7	7.8	<0.30	<0.40	10,000	53	0.82	3.7	370	0.53	690	19	60	610	<0.60	<0.30	530,000	<0.30	2.4 J	23	<0.16	
TMW38	TMW38042024	4/18/2024	54 J	<1.0	<2.0	8.4	<0.60	<0.75	13,000	<1.8	<0.90	<1.8	45 J	<0.70	1,500	50	<1.9	860 J	<4.0	<0.15	790,000	<0.75	1.5 J	2.6 J	<0.08	
	TMW38102023	10/12/2023	<250	<2.5	0.64 J	13	<1.0	<1.0	14,000	6.3	<1.0	<5.0	<250	<0.50	1,700	47	1.6 J	840 J	<1.5	<1.0	760,000	<1.0	<2.5	<50	<0.20	
	TMW38042023	4/27/2023	<250	<2.5	<1.2	14	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	150 J	<0.50	2,800	97	<2.5	1,300	<1.5	<1.0	1,100,000	<1.0	<2.5	26 J	<0.20	
	TMW38102022DUP	10/12/2022	24 J	<0.50	<1.7	8.9	<0.30	<0.40	14,000	<0.80	<0.40	<0.90	35 J	<0.20	1,100	33	<0.80	700	<0.60	<0.30	520,000	<0.30	1.3 J	<8.0	<0.16	
TMW39D	TMW39D042024	4/11/2024	340	<1.0	<2.0	8.8	<0.60	<0.75	24,000	<1.8	<0.90	<1.8	160 J	<0.70	3,300	65	<1.9	1,000	<4.0	<0.15	750,000	<0.75	1.3 J	2.4 J	<0.08	
	TMW39D102023	10/9/2023	<250	<2.5	<1.2	9.7	<1.0	<1.0	32,000	<1.0	<1.0	<5.0	<250	<0.50	4,700	51	<2.5	1,100	1.1 J	<1.0	760,000	<1.0	<2.5	<50	<0.20	
	TMW39D042023	4/25/2023	150 J	<2.5	<1.2	7.9	<1.0	<1.0	20,000	0.67 J	<1.0	<5.0	<250	<0.50	2,200	62	<2.5	1,100	<1.5	<1.0	790,000	<1.0	<2.5	<50	<0.20	
	TMW39D102022	10/14/2022	120	<0.50	<1.7	8.0	<0.30	<0.40	40,000	<0.80	<0.40	<0.90	55	<0.20	3,100	50	<0.80	980	0.61 J	<0.30	700,000	<0.30	<2.0	<8.0	<0.16	
TMW40D	TMW40D042024	4/15/2024	210	<1.0	<2.0	9.9	<0.60	<0.75	15,000	<1.8	<0.90	<1.8	160 J	<0.70	2,000	54	<1.9	860 J	2.1 J	<0.15	730,000	<0.75	2.8 J	7.0 J	<0.08	
	TMW40D102023	10/6/2023	<250	<2.5	<1.2	9.4	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	54	<2.5	1,000	2.7 J	<1.0	730,000	<1.0	3.3 J	<50	<0.20	
	TMW40D042023	4/25/2023	<250	<2.5	<1.2	8.5	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	51	<2.5	980 J	2.2 J	<1.0	730,000	<1.0	2.9 J			

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW51	TMW51042024	4/12/2024	410	2.2	0.50 J	28	<0.60	<0.75	18,000	3.1	<0.90	15	300	0.33 J	2,800	15	3.4	1,400	4.6 J	<0.15	660,000	<0.75	3.9 J	24	<0.08
	TMW51102023	10/6/2023	150 J	<2.5	<1.2	10	<1.0	<1.0	19,000	0.59 J	<1.0	<5.0	<250	<0.50	3,000	35	<2.5	1,100	5.4	<1.0	710,000	<1.0	5.2	<50	<0.20
	TMW51042023	4/21/2023	390 J	<2.5	<1.2	16	<1.0	<1.0	20,000	1.3 J	<1.0	<5.0	240 J	0.59 J	3,200	62	1.8 J	970 J	5.2	<1.0	720,000	<1.0	5.5	<50	<0.20
	TMW51102022DUP	10/5/2022	72	<0.50	<1.7	8.8	<0.30	<0.40	26,000	0.61 J	<0.40	2.7	41 J	<0.20	2,900	32	0.52 J	920	5.5	<0.30	620,000	<0.30	5.0	<8.0	0.11 J
	TMW51102022	10/5/2022	72	<0.50	<1.7	9.2	<0.30	<0.40	26,000	0.77 J	<0.40	2.3	42 J	<0.20	2,900	34	0.62 J	910	5.7	<0.30	710,000	<0.30	4.9	<8.0	<0.16
TMW52	TMW52042024	4/15/2024	38,000	<1.0	9.4	440	1.4	<0.75	25,000	49	11	13	26,000	9.7	9,800	560	29	5,700	2.1 J	<0.15	440,000	<0.75	59	41	<0.08
	TMW52102023	10/11/2023	23,000	<2.5	9.2	530	1.9 J	<1.0	34,000	32	9.5	17	12,000	8.9	7,200	750	23	3,200	3.8 J	<1.0	490,000	<1.0	50	52 J	<0.20
	TMW52042023	4/25/2023	3,700	<2.5	6.2	120	1.2 J	<1.0	36,000	5.4	3.9	9.5 J	1,800	4.4 J	2,000	620	9.1	1,100	0.81 J	<1.0	460,000	<1.0	23	49 J	<0.20
	TMW52102022	10/10/2022	60,000	0.41 J	15	930	2.6	0.16 J	53,000	69	17	29	38,000	15	16,000	1,100	42	9,000	3.5	<0.30	390,000	0.29 J	85	89	<0.16
TMW53	TMW53042024	4/15/2024	15,000	<1.0	2.3 J	260	0.58 J	<0.75	7,600	21	3.2	4.2	8,200	3.8	3,900	180	12	2,600	<4.0	<0.15	360,000	<0.75	16	19	<0.08
	TMW53102023	10/9/2023	6,400	<2.5	2.1 J	250	<1.0	<1.0	6,600	9.8	1.8 J	4.2 J	3,200	2.4 J	2,100	150	6.4	1,200	<1.5	<1.0	380,000	<1.0	7.5	<50	<0.20
	TMW53042023	4/24/2023	5,600	<2.5	3.1 J	290	<1.0	<1.0	8,500	5.5	1.5 J	3.2 J	2,600	2.8 J	1,900	190	3.7 J	1,400	<1.5	<1.0	360,000	<1.0	8.6	<50	<0.20
	TMW53102022	10/10/2022	21 J	<0.50	2.1	110	<0.30	<0.40	3,300	0.54 J	<0.40	<0.90	<40	<0.20	410	34	<0.80	400	<0.60	<0.30	290,000	<0.30	<2.0	<8.0	<0.16
TMW55	TMW55042024	4/12/2024	890	<1.0	2.3 J	12	<0.60	<0.75	6,700	2.0 J	<0.90	2.6	630	<0.70	920	6.9	<1.9	790 J	<4.0	<0.15	600,000	<0.75	12	2.8 J	<0.08
	TMW55102023	10/6/2023	1,000	<2.5	6.8	22	<1.0	<1.0	7,800	3.9 J	<1.0	8.6 J	730 J	0.33 J	1,100	19	2.2 J	1,000	<1.5	<1.0	610,000	<1.0	20	<50	<0.20
	TMW55042023	4/21/2023	300 J	<2.5	2.4 J	12	<1.0	<1.0	7,300	1.6 J	<1.0	3.5 J	240 J	0.28 J	840	9.0	<2.5	780 J	<1.5	<1.0	590,000	<1.0	9.6	<50	<0.20
	TMW55102022	10/7/2022	570	<0.50	2.9	12	<0.30	<0.40	9,700	1.2 J	0.22 J	2.2	400	0.15 J	890	6.9	<0.80	710	<0.60	<0.30	610,000	<0.30	10	4.5 J	<0.16
TMW58	TMW58042024	4/9/2024	1,400	0.59 J	1.5 J	17	<0.60	<0.75	8,100	1.3 J	0.40 J	1.1 J	1,000	0.39 J	1,200	29	0.99 J	1,000	<4.0	0.059 J	580,000	<0.75	6.2	7.4 J	<0.08
	TMW58102023	10/4/2023	230 J	<2.5	1.8 J	19	<1.0	<1.0	8,000	1.7 J	<1.0	3.3 J	<250	<0.50	1,000	31	<2.5	840 J	<1.5	<1.0	640,000	<1.0	7.2	<50	<0.20
	TMW58042023	4/17/2023	160 J	<2.5	1.6 J	17	<1.0	<1.0	8,100	0.54 J	<1.0	<5.0	<250	<0.50	990	39	<2.5	840 J	<1.5	<1.0	640,000	<1.0	8.4	<50	<0.20
	TMW58102022	10/4/2022	98	0.72 J	1.6 J	20	<0.30	<0.40	11,000	<0.80	<0.40	0.58 J	54	0.17 J	940	24	<0.80	750	<0.60	<0.30	540,000	<0.30	11	38	<0.16
TMW63	TMW63042024	4/10/2024	2,200	<1.0	0.57 J	36	<0.60	<0.75	11,000	2.3 J	0.44 J	1.3 J	1,300	0.53 J	1,500	69	1.7 J	900 J	<4.0	<0.15	710,000	<0.75	4.0 J	3.7 J	<0.08
	TMW63102023	10/4/2023	1,800	<2.5	1.2 J	100	<1.0	<1.0	15,000	3.0 J	0.87 J	3.8 J	1,500	0.91 J	1,800	130	1.7 J	1,000	<1.5	<1.0	700,000	<1.0	3.8 J	<50	<0.20
	TMW63042023	4/19/2023	<250	<2.5	<1.2	12	<1.0	<1.0	9,600	<1.0	<1.0	<5.0	<250	<0.50	1,000	30	<2.5	820 J	<1.5	<1.0	680,000	<1.0	<2.5	46 J	<0.20
	TMW63102022	10/5/2022	20 J	<0.50	<1.7	12	<0.30	<0.40	13,000	<0.80	<0.40	<0.90	<40	<0.20	990	24	<0.80	680	<0.60	<0.30	650,000	<0.30	<2.0	7.7 J	<0.16
TMW64	TMW64042024	4/17/2024	150 J	<1.0	<2.0	23	<0.60	<0.75	10,000	2.6 J	<0.90	<1.8	120 J	<0.70	1,300	29	1.6 J	770 J	<4.0	0.056 J	590,000	<0.75	6.8	<8.0	<0.08
	TMW64042024FDUP09	4/17/2024	180 J	<1.0	<2.0	23	<0.60	<0.75	9,900	3.6	<0.90	<1.8	130 J	<0.70	1,300	29	2.2 J	750 J	<4.0	<0.15	620,000	<0.75	5.7	<8.0	<0.08
	TMW64102023	10/11/2023	150 J	<2.5	1.4 J	36	<1.0	<1.0	11,000	2.3 J	<1.0	<5.0	<250	<0.50	1,600	36	<2.5	890 J	0.80 J	<1.0	630,000	<1.0	9.8	<50	<0.20
	TMW64042023	4/26/2023	3,500	<2.5	0.66 J	58	1.0 J	<1.0	36,000	30	2.6 J	<5.0	5,100	5.3	2,800	520	24	1,200	<1.5	<1.0	640,000	<1.0	23	45 J	<0.20
	TMW64102022	10/7/2022	100	<0.50	<1.7	25	<0.30	<0.40	18,000	1.2 J	<0.40	<0.90	69	<0.20	1,400	35	<0.80	710	0.48 J	<0.30	720,000	<0.30	4.5	<8.0	<0.16

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 2024
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	BGMW01042024	4/9/2024	<30	<1.0	0.92 J	18	<0.60	<0.75	72,000	<1.8	0.36 J	1.9 J	<40	<0.70	38,000	390	<1.9	370 J	6.2	<0.15	980,000	<0.75	6.5	13	NA	
	BGMW01102023	10/3/2023	<250	<2.5	0.72 J	19	<1.0	<1.0	61,000	<1.0	<1.0	6.3 J	<250	<0.50	35,000	300	<2.5	500 J	7.4	<1.0	930,000	<1.0	5.1	<50	<0.20	
	BGMW01042023	4/18/2023	<250	<2.5	0.75 J	17	<1.0	<1.0	64,000	<1.0	<1.0	<5.0	<250	<0.50	36,000	400	<2.5	420 J	6.5	<1.0	920,000	<1.0	5.0 J	<50	<0.20	
	BGMW01102022	10/5/2022	<25	<0.52	0.86 J	19	<0.31	<0.41	73,000	<0.82	0.31 J	22	<41	<0.21	36,000	310	1.4 J	320	6.5	<0.31	930,000	<0.31	4.8	<8.2	<0.16	
BGMW02	BGMW02042024	4/9/2024	<30	<1.0	0.79 J	13	<0.60	<0.75	47,000	<1.8	<0.90	1.5 J	23 J	0.41 J	64,000	43	<1.9	310 J	25	<0.15	790,000	<0.75	6.3	6.5 J	NA	
	BGMW02102023	10/3/2023	<250	<2.5	1.0 J	15	<1.0	<1.0	52,000	<1.0	<1.0	3.0 J	<250	<0.50	70,000	49	<2.5	470 J	30	<1.0	770,000	<1.0	8.1	<50	<0.20	
	BGMW02042023	4/18/2023	<250	<2.5	0.72 J	14	<1.0	<1.0	51,000	<1.0	<1.0	<5.0	<250	<0.50	72,000	39	<2.5	340 J	28	<1.0	760,000	<1.0	7.1	<50	0.16 J	
	BGMW02102022	10/5/2022	<25	<0.52	0.86 J	14	<0.31	<0.41	67,000	<0.82	<0.41	1.4	<41	<0.21	72,000	44	<0.82	310	30	<0.31	750,000	<0.31	6.5	<8.2	<0.16	
BGMW03	BGMW03042024	4/8/2024	<30	<1.0	1.4 J	20	<0.60	<0.75	55,000	<1.8	<0.90	2.2	<40	<0.70	12,000	2.8 J	<1.9	1,300	9.3	<0.15	590,000	<0.75	8.9	<8.0	NA	
	BGMW03102023	10/2/2023	<250	<2.5	2.0 J	22	<1.0	<1.0	54,000	1.4 J	<1.0	<5.0	<250	<0.50	12,000	<2.5	1.7 J	1,400	11	<1.0	600,000	<1.0	12	<50	<0.20	
	BGMW03042023	4/18/2023	<250	<2.5	1.9 J	20	<1.0	<1.0	48,000	<1.0	<1.0	2.6 J	<250	<0.50	11,000	7.8	<2.5	1,200	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	
BGMW11	BGMW11042024	4/11/2024	<30	<1.0	<2.0	11	<0.60	<0.75	86,000	<1.8	0.38 J	2.3	160 J	<0.70	37,000	300	2.8 J	540 J	<4.0	<0.15	1,200,000	<0.75	<3.0	6.4 J	NA	
	BGMW11102023	10/4/2023	<250	<2.5	0.96 J	11	<1.0	<1.0	79,000	<1.0	<1.0	4.1 J	<250	<0.50	34,000	200	<2.5	660 J	<1.5	<1.0	1,100,000	<1.0	3.5 J	<50	<0.20	
	BGMW11042023	4/19/2023	<250	<2.5	0.69 J	16	<1.0	<1.0	83,000	<1.0	<1.0	<5.0	<250	<0.50	33,000	150	<2.5	800 J	1.2 J	<1.0	1,100,000	<1.0	3.0 J	31 J	<0.20	
	BGMW11102022	10/13/2022	<25	<0.52	0.75 J	9.4	<0.31	<0.41	100,000	<0.82	0.39 J	3.2	25 J	<0.21	36,000	200	1.1 J	700	1.1	<0.31	1,100,000	<0.31	2.3 J	4.2 J	<0.16	
BGMW12	BGMW12042024	4/8/2024	<30	<1.0	<2.0	25	<0.60	<0.75	31,000	<1.8	<0.90	0.73 J	<40	<0.70	16,000	26	1.1 J	310 J	<4.0	<0.15	520,000	<0.75	<3.0	6.2 J	NA	
	BGMW12102023	10/2/2023	<250	<2.5	0.71 J	26	<1.0	<1.0	30,000	0.51 J	<1.0	<5.0	<250	<0.50	16,000	28	1.8 J	<500	<1.5	<1.0	500,000	<1.0	3.3 J	<50	<0.20	
	BGMW12042023	4/17/2023	<250	<2.5	<1.2	26	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	15,000	28	1.4 J	<500	<1.5	<1.0	450,000	<1.0	1.6 J	52 J	<0.20	
	BGMW12102022	10/3/2022	<25	0.23 J	<1.8	28	<0.31	<0.41	30,000	<0.82	0.22 J	1.1	<41	<0.21	14,000	24	1.7	220	<0.62	<0.31	480,000	<0.31	4.8	<8.2	<0.16	
BGMW13D	BGMW13D042024	4/16/2024	<30	<1.0	<2.0	230	<0.60	<0.75	15,000	2.4 J	<0.90	<1.8	190 J	<0.70	3,900	120	1.4 J	660 J	<4.0	<0.15	280,000	<0.75	<3.0	6.8 J	NA	
	BGMW13D102023	10/10/2023	<250	<2.5	<1.2	250	<1.0	<1.0	14,000	7.4	<1.0	<5.0	180 J	<0.50	4,100	130	2.3 J	630 J	<1.5	<1.0	300,000	<1.0	1.6 J	<50	<0.20	
	BGMW13D102023FDUP08	10/10/2023	<250	<2.5	<1.2	250	<1.0	<1.0	15,000	7.0	<1.0	<5.0	170 J	<0.50	4,200	130	2.2 J	600 J	<1.5	<1.0	270,000	<1.0	1.9 J	<50	<0.20	
	BGMW13D042023	4/25/2023	<250	<2.5	<1.2	260	<1.0	<1.0	15,000	1.4 J	<1.0	<5.0	210 J	<0.50	4,100	130	<2.5	750 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20	
	BGMW13D102022	10/12/2022	<25	<0.52	<1.8	240	<0.31	<0.41	14,000	0.58 J	0.25 J	0.49 J	160	<0.21	3,800	120	0.96 J	640	<0.62	<0.31	250,000	<0.31	1.5 J	<8.2	<0.16	
BGMW13S	BGMW13S042024	4/16/2024	9.5 J	<1.0	<2.0	220	<0.60	<0.75	28,000	<1.8	<0.90	<1.8	650	<0.70	8,100	380	<1.9	860 J	<4.0	<0.15	280,000	<0.75	<3.0	2.1 J	NA	
	BGMW13S102023	10/10/2023	<250	<2.5	<1.2	220	<1.0	<1.0	27,000	0.65 J	<1.0	8.2 J	580 J	<0.50	8,600	380	<2.5	940 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20	
	BGMW13S042023	4/25/2023	<250	<2.5	<1.2	230	<1.0	<1.0	26,000	<1.0	<1.0	<5.0	660 J	<0.50	8,200	390	<2.5	920 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20	
	BGMW13S102022DUP	10/12/2022	<25	<0.52	<1.8	200	<0.31	<0.41	25,000	<0.82	<0.41	<0.93	470	<0.21	7,700	330	0.47 J	820	<0.62	<0.31	270,000	<0.31	1.1 J	<8.2	<0.16	
	BGMW13S102022	10/12/2022	<25	<0.52	<1.8	210	<0.31	<0.41	26,000	<0.82	<0.41	<0.93	580	<0.21	7,900	340	0.53 J	840	<0.62	<0.31	260,000	<0.31	0.96 J	<8.2	<0.16	
FW31	FW31042024	4/10/2024	<30	<1.0	6.0	8.9	<0.60	<0.75	5,900	<1.																

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
MW18D	MW18D042024	4/15/2024	<30	<1.0	<2.0	16	<0.60	<0.75	74,000	<1.8	0.33 J	1.5 J	84 J	<0.70	20,000	630	2.9 J	570 J	<4.0	<0.15	2,100,000	<0.75	1.5 J	7.2 J	NA
	MW18D102023	10/11/2023	<1,000	<10	5.2 J	20	<4.0	<4.0	89,000	2.7 J	<4.0	<20	<1,000	<2.0	22,000	720	5.2 J	<2,000	<6.0	<4.0	2,200,000	<4.0	14 J	<200	<0.20
	MW18D042023	4/26/2023	<1,000	<10	<5.0	17 J	<4.0	<4.0	71,000	<4.0	<4.0	<20	<1,000	<2.0	20,000	820	<10	<2,000	<6.0	<4.0	2,100,000	<4.0	<10	<200	<0.20
	MW18D102022	10/12/2022	<25	<0.52	0.76 J	17	<0.31	<0.41	77,000	<0.82	0.51 J	0.71 J	160	<0.21	18,000	750	2.4	360	<0.62	<0.31	1,900,000	<0.31	2.0 J	<8.2	<0.16
MW20	MW20042024	4/17/2024	<30	<1.0	<2.0	14	<0.60	<0.75	230,000	<1.8	1.2	2.5	22 J	<0.70	43,000	1,400	2.7 J	550 J	70	<0.15	2,600,000	<0.75	<3.0	75	NA
	MW20102023	10/11/2023	<1,000	<10	4.4 J	14 J	<4.0	<4.0	240,000	2.9 J	<4.0	<20	<1,000	<2.0	52,000	1,700	<10	1,000 J	91	<4.0	2,800,000	<4.0	11 J	<200	0.15 J
	MW20042023	4/26/2023	<1,000	<10	<5.0	15 J	<4.0	<4.0	240,000	<4.0	<4.0	<20	<1,000	<2.0	53,000	1,600	<10	<2,000	85	<4.0	2,900,000	<4.0	<10	120 J	<0.20
	MW20102022	10/12/2022	<25	<0.52	<1.8	13	<0.31	<0.41	250,000	0.50 J	1.2	2.4	<41	<0.21	49,000	1,400	3.1	530	96	<0.31	2,700,000	<0.31	<2.1	96	<0.16
MW22D	MW22D042024	4/12/2024	<30	<1.0	<2.0	12	<0.60	<0.75	100,000	<1.8	<0.90	1.2 J	<40	<0.70	18,000	150	<1.9	370 J	33	<0.15	1,200,000	<0.75	<3.0	4.8 J	NA
	MW22D102023	10/12/2023	<500	<5.0	<2.5	11	<2.0	<2.0	87,000	15	<2.0	<10	<500	<1.0	17,000	140	4.2 J	<1,000	41	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
	MW22D042023	4/27/2023	<500	<5.0	<2.5	11	<2.0	<2.0	92,000	1.4 J	<2.0	<10	<500	<1.0	18,000	140	<5.0	<1,000	39	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
	MW22D102022	10/13/2022	<25	<0.52	<1.8	11	<0.31	<0.41	90,000	<0.82	<0.41	0.77 J	<41	<0.21	16,000	130	0.62 J	290	43	<0.31	930,000	<0.31	1.4 J	<8.2	<0.16
MW23	MW23042024	4/8/2024	<30	<1.0	1.6 J	220	<0.60	<0.75	13,000	<1.8	<0.90	0.79 J	48 J	<0.70	5,400	46	0.89 J	1,100	<4.0	<0.15	520,000	<0.75	1.9 J	8.2 J	NA
	MW23102023	10/2/2023	<250	<2.5	2.3 J	240	<1.0	<1.0	13,000	<1.0	<1.0	<5.0	<250	<0.50	6,200	51	1.8 J	1,200	<1.5	<1.0	500,000	<1.0	4.8 J	<50	0.10 J
	MW23042023	4/24/2023	<250	<2.5	2.0 J	220	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	<250	<0.50	6,100	48	<2.5	1,100	<1.5	<1.0	480,000	<1.0	3.9 J	<50	<0.20
	MW23102022	10/3/2022	<25	<0.52	1.4 J	230	<0.31	<0.41	17,000	<0.82	0.20 J	0.53 J	34 J	<0.21	6,500	65	0.96 J	1,000	<0.62	<0.31	430,000	<0.31	2.3 J	<8.2	<0.16
MW24	MW24042024	4/9/2024	<30	<1.0	0.64 J	280	<0.60	<0.75	32,000	<1.8	<0.90	<1.8	1,800	<0.70	10,000	400	<1.9	830 J	<4.0	<0.15	270,000	<0.75	<3.0	<8.0	NA
	MW24102023	10/3/2023	<250	<2.5	0.72 J	320	<1.0	<1.0	32,000	<1.0	<1.0	<5.0	2,100	<0.50	11,000	430	<2.5	930 J	<1.5	<1.0	260,000	<1.0	<2.5	<50	<0.20
	MW24042023	4/18/2023	<250	<2.5	0.87 J	240	<1.0	<1.0	32,000	0.54 J	<1.0	<5.0	1,500	<0.50	11,000	450	<2.5	790 J	<1.5	<1.0	260,000	<1.0	<2.5	<50	<0.20
	MW24102022	10/13/2022	<25	<0.52	<1.8	270	<0.31	<0.41	34,000	<0.82	<0.41	0.44 J	1,200	<0.21	11,000	440	<0.82	750	<0.62	<0.31	230,000	<0.31	<2.1	<8.2	<0.16
MW25	MW25042024	4/16/2024	<30	<1.0	<2.0	13	<0.60	<0.75	120,000	1.2 J	<0.90	1.1 J	19 J	<0.70	21,000	19	1.3 J	730 J	65	<0.15	1,400,000	<0.75	<3.0	<8.0	NA
	MW25102023	10/6/2023	<500	<5.0	<2.5	13	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	21,000	20	<5.0	900 J	67	<2.0	1,400,000	<2.0	<5.0	<100	<0.20
	MW25042023	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	20,000	18	<2.5	860 J	67	<1.0	1,300,000	<1.0	1.3 J	<50	<0.20
	MW25102022	10/11/2022	<25	<0.52	<1.8	12	<0.31	<0.41	110,000	0.71 J	<0.41	0.85 J	<41	<0.21	18,000	18	0.89 J	700	66	<0.31	1,200,000	<0.31	1.2 J	8.1 J	<0.16
MW26	MW26042024	4/15/2024	<30	<1.0	<2.0	15	<0.60	<0.75	110,000	<1.8	<0.90	1.0 J	15 J	<0.70	19,000	980	<1.9	710 J	<4.0	<0.15	1,100,000	<0.75	1.3 J	<8.0	NA
	MW26102023	10/9/2023	<250	<2.5	<1.2	16	<1.0	<1.0	100,000	<1.0	<1.0	<5.0	<250	<0.50	19,000	1,100	<2.5	640 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	MW26042023	4/24/2023	<250	<2.5	<1.2	15	<1.0	<1.0	100,000	<1.0	<1.0	2.5 J	<250	<0.50	18,000	1,000	<2.5	790 J	<1.5	<1.0	1,100,000	<1.0	3.8 J	<50	<0.20
	MW26102022	10/10/2022	<25	<0.52	<1.8	15	<0.31	<0.41	93,000	<0.82	0.24 J	1.2	<41	<0.21	15,000	980	0.52 J	460	<0.62	<0.31	910,000	<0.31	2.7 J	4.9 J	<0.16
MW27	MW27042024	4/9/2024	<30	<1.0	0.61 J	21	<0.60	<0.75	66,000	<1.8	<0.90	2.6	<40	<0.70	14,000	8.7	<1.9	700 J	31	<0.15	1,000,000	<0.75	2.1 J	17	NA
	MW27102023	10/9/2023	<250	<2.5	<1.2	24	<1.0	<1.0	68,000	<1.0	<1.0	3.2 J	<250	<0.50	14,000	9.2	<2.5	750 J							

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
MW33	MW33042024	4/15/2024	30 J	<1.0	2.3 J	29	<0.60	<0.75	11,000	<1.8	<0.90	1.1 J	14 J	<0.70	2,900	17	<1.9	1,100	<4.0	<0.15	750,000	<0.75	2.6 J	<8.0	NA
	MW33042024FDUP07	4/15/2024	31 J	<1.0	2.4 J	28	<0.60	<0.75	10,000	<1.8	<0.90	0.81 J	11 J	1.0	2,900	17	<1.9	1,100	<4.0	<0.15	730,000	<0.75	3.2 J	<8.0	NA
	MW33102023	10/9/2023	<250	<2.5	2.9 J	30	<1.0	<1.0	9,400	<1.0	<1.0	<5.0	<250	<0.50	2,700	19	1.3 J	1,200	<1.5	<1.0	680,000	<1.0	6.9	<50	<0.20
	MW33042023	4/24/2023	<250	<2.5	3.3 J	24	<1.0	<1.0	8,400	1.2 J	<1.0	<5.0	<250	<0.50	2,600	17	<2.5	2,000	<1.5	<1.0	670,000	<1.0	7.2	31 J	<0.20
	MW33102022	10/10/2022	24 J	0.28 J	2.8	23	<0.31	<0.41	7,500	<0.82	<0.41	1.1	<41	<0.21	1,800	12	0.96 J	1,400	0.32 J	<0.31	500,000	<0.31	5.8	<8.2	<0.16
MW34	MW34042024	4/15/2024	<30	<1.0	1.0 J	25	<0.60	<0.75	70,000	<1.8	<0.90	2.1	<40	<0.70	15,000	4.4	<1.9	560 J	1.9 J	<0.15	1,600,000	<0.75	3.1 J	<8.0	NA
	MW34102023	10/9/2023	<500	<5.0	<2.5	25	<2.0	<2.0	71,000	<2.0	<2.0	<10	<500	<1.0	16,000	33	<5.0	510 J	2.3 J	<2.0	1,600,000	<2.0	<5.0	<100	<0.20
	MW34042023	4/24/2023	<500	<5.0	<2.5	7.6 J	<2.0	<2.0	300,000	<2.0	1.2 J	<10	<500	<1.0	130,000	1,200	<5.0	1,600 J	<3.0	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW34102022	10/10/2022	<25	<0.52	1.0 J	22	<0.31	<0.41	68,000	<0.82	<0.41	2.0	<41	<0.21	14,000	59	0.84 J	340	2.0	<0.31	1,500,000	<0.31	3.9 J	<8.2	<0.16
MW35	MW35042024	4/15/2024	<30	<1.0	<2.0	8.3	<0.60	<0.75	20,000	<1.8	<0.90	<1.8	42 J	<0.70	2,500	29	<1.9	1,200	<4.0	<0.15	810,000	<0.75	2.1 J	<8.0	NA
	MW35042024FDUP06	4/15/2024	<30	<1.0	<2.0	9.1	<0.60	<0.75	20,000	<1.8	<0.90	<1.8	<40	<0.70	2,600	29	<1.9	1,200	<4.0	<0.15	800,000	<0.75	2.0 J	<8.0	NA
	MW35102023	10/9/2023	<250	<2.5	<1.2	10	<1.0	<1.0	19,000	0.69 J	<1.0	<5.0	<250	<0.50	2,800	32	<2.5	1,200	<1.5	<1.0	770,000	<1.0	1.9 J	<50	<0.20
	MW35042023	4/24/2023	<250	<2.5	<1.2	9.0	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	30	<2.5	1,200	<1.5	<1.0	750,000	<1.0	4.0 J	<50	<0.20
	MW35102022DUP	10/11/2022	<25	<0.52	<1.8	9.6	<0.31	<0.41	24,000	<0.82	<0.41	<0.93	<41	<0.21	2,500	34	<0.82	970	0.52 J	<0.31	720,000	<0.31	2.8 J	<8.2	<0.16
	MW35102022	10/11/2022	<25	<0.52	<1.8	9.3	<0.31	<0.41	23,000	<0.82	<0.41	<0.93	<41	<0.21	2,500	33	0.46 J	950	0.61 J	<0.31	690,000	<0.31	2.8 J	<8.2	<0.16
MW36D	MW36D042024	4/15/2024	<30	<1.0	<2.0	170	<0.60	<0.75	40,000	<1.8	<0.90	1.2 J	73 J	<0.70	14,000	250	<1.9	980 J	<4.0	<0.15	610,000	<0.75	1.2 J	8.9 J	NA
	MW36D102023	10/5/2023	<250	<2.5	<1.2	190	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	160 J	<0.50	14,000	260	<2.5	880 J	<1.5	<1.0	560,000	<1.0	<2.5	<50	<0.20
	MW36D042023	4/24/2023	<250	<2.5	<1.2	170	<1.0	<1.0	37,000	<1.0	<1.0	22	<250	<0.50	14,000	230	<2.5	990 J	<1.5	<1.0	570,000	<1.0	<2.5	<50	<0.20
	MW36D102022	10/14/2022	<25	<0.52	<1.8	170	<0.31	<0.41	40,000	<0.82	<0.41	0.67 J	60	<0.21	14,000	200	<0.82	910	<0.62	<0.31	520,000	<0.31	<2.1	<8.2	<0.16
MW36S	MW36S042024	4/15/2024	<30	<1.0	<2.0	6.5	<0.60	<0.75	320,000	<1.8	0.82 J	2.3	15 J	<0.70	130,000	1,100	1.8 J	1,500	1.3 J	<0.15	2,000,000	<0.75	<3.0	13	NA
	MW36S102023	10/5/2023	<500	<5.0	<2.5	6.1 J	<2.0	<2.0	310,000	<2.0	1.1 J	<10	<500	<1.0	140,000	990	<5.0	1,500 J	2.1 J	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW36S042023	4/24/2023	<500	<5.0	<2.5	6.2 J	<2.0	<2.0	300,000	<2.0	1.0 J	<10	<500	<1.0	130,000	1,200	<5.0	1,600 J	<3.0	<2.0	2,000,000	<2.0	2.8 J	<100	<0.20
	MW36S102022	10/14/2022	<25	<0.52	<1.8	7.6	<0.31	<0.41	340,000	<0.82	0.89	2.2	<41	<0.21	140,000	1,100	1.8	1,400	0.85 J	<0.31	2,000,000	<0.31	1.1 J	7.7 J	<0.16
MW37	MW37042024	4/8/2024	<30	<1.0	0.96 J	31	<0.60	<0.75	19,000	<1.8	<0.90	2.1	<40	<0.70	3,900	20	0.86 J	330 J	<4.0	<0.15	640,000	<0.75	2.2 J	2.7 J	NA
	MW37102023	10/11/2023	<250	<2.5	2.0 J	29	<1.0	<1.0	18,000	0.72 J	<1.0	<5.0	<250	<0.50	4,400	19	1.5 J	<500	<1.5	<1.0	620,000	<1.0	5.0	<50	<0.20
	MW37042023	4/25/2023	<250	<2.5	0.92 J	32	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	4,400	17	<2.5	<500	<1.5	<1.0	620,000	<1.0	2.3 J	<50	<0.20
	MW37102022DUP	10/10/2022	430	<0.52	1.6 J	83	0.25 J	<0.41	54,000	<0.82	0.65	3.8	45 J	0.95	4,700	480	1.6	180 J	<0.62	<0.31	520,000	<0.31	3.3 J	21	<0.16
	MW37102022	10/10/2022	<25	<0.52	1.1 J	32	<0.31	<0.41	19,000	<0.82	<0.41	1.4	<41	<0.21	4,400	4.1	1.1 J	140 J	<0.62	<0.31	630,000	<0.31	2.6 J	<8.2	<0.16
MW38	MW38042024	4/15/2024	<30	<1.0	<2.0	16	<0.60	<0.75	33,000	<1.8	<0.90	2.2	27 J	0.55 J	6,800	75	1.4 J	350 J	<4.0	<0.15	770,000	<0.75	1.3 J	<8.0	NA
	MW38102023	10/9/2023	<250	<2.5	<1.2	16	<1.0	<1.0	32,000	<1.0	<1.0	2.6 J	<250	<0.50	7,300	91	1.5 J	320 J	<1.5	<1.0	770,000	<1.0	2.2 J	<50	<0.20
	MW38042023	4/27/2023	<250																						

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW03	TMW03042024	4/16/2024	<30	<1.0	<2.0	13	<0.60	<0.75	56,000	<1.8	<0.90	1.1 J	<40	<0.70	12,000	4.5	<1.9	290 J	60	<0.15	1,000,000	<0.75	<3.0	5.1 J	NA
	TMW03102023	10/10/2023	<250	<2.5	0.70 J	13	<1.0	<1.0	55,000	6.4	<1.0	<5.0	<250	<0.50	13,000	4.2 J	1.6 J	280 J	62	<1.0	980,000	<1.0	2.2 J	<50	<0.20
	TMW03102023FDUP06	10/10/2023	<250	<2.5	0.68 J	13	<1.0	<1.0	53,000	6.5	<1.0	<5.0	<250	<0.50	12,000	4.2 J	1.8 J	280 J	64	<1.0	960,000	<1.0	2.1 J	<50	<0.20
	TMW03042023	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.1 J	<2.5	450 J	63	<1.0	950,000	<1.0	1.9 J	<50	<0.20
	TMW03042023DUP	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.5 J	<2.5	460 J	64	<1.0	970,000	<1.0	2.1 J	<50	<0.20
	TMW03102022	10/10/2022	<25	<0.52	<1.8	13	<0.31	<0.41	53,000	<0.82	<0.41	0.80 J	<41	<0.21	11,000	4.6	<0.82	260	60	<0.31	920,000	<0.31	1.8 J	4.3 J	<0.16
TMW04	TMW04042024	4/12/2024	<30	<1.0	<2.0	8.2	<0.60	<0.75	34,000	2.8 J	<0.90	0.85 J	<40	<0.70	5,200	<1.8	<1.9	560 J	70	<0.15	920,000	<0.75	15	2.2 J	NA
	TMW04102023	10/4/2023	<250	<2.5	1.5 J	7.8	<1.0	<1.0	30,000	3.0 J	<1.0	<5.0	<250	<0.50	5,800	<2.5	<2.5	550 J	76	<1.0	900,000	<1.0	19	<50	<0.20
	TMW04042023	4/21/2023	<250	<2.5	0.93 J	7.9	<1.0	<1.0	30,000	2.7 J	<1.0	<5.0	<250	<0.50	5,500	<2.5	<2.5	550 J	73	<1.0	830,000	<1.0	18	<50	<0.20
	TMW04102022	10/7/2022	<25	<0.52	1.0 J	7.7	<0.31	<0.41	34,000	3.5	<0.41	0.41 J	<41	<0.21	5,300	<2.0	<0.82	470	74	<0.31	860,000	<0.31	16	<8.2	<0.16
TMW06	TMW06042024	4/17/2024	<30	<1.0	0.83 J	15	<0.60	<0.75	33,000	<1.8	<0.90	8.6	46 J	<0.70	7,800	39	<1.9	150 J	<4.0	0.067 J	910,000	<0.75	1.7 J	2.7 J	NA
	TMW06102023	10/11/2023	<250	<2.5	2.1 J	16	<1.0	<1.0	35,000	0.85 J	<1.0	3.5 J	<250	<0.50	7,600	45	<2.5	340 J	0.85 J	<1.0	900,000	<1.0	7.0	<50	<0.20
	TMW06042023	4/26/2023	<250	<2.5	1.2 J	16	<1.0	<1.0	36,000	0.65 J	<1.0	3.0 J	<250	<0.50	7,800	26	<2.5	290 J	1.1 J	<1.0	930,000	<1.0	4.3 J	<50	0.12 J
	TMW06102022	10/12/2022	<25	<0.52	1.0 J	15	<0.31	<0.41	34,000	<0.82	<0.41	1.7	<41	<0.21	7,100	40	0.51 J	190 J	0.67 J	<0.31	870,000	<0.31	3.6 J	<8.2	<0.16
TMW07	TMW07042024	4/12/2024	<30	<1.0	<2.0	13	<0.60	<0.75	65,000	<1.8	<0.90	0.76 J	9.3 J	<0.70	10,000	280	1.3 J	3,500	<4.0	<0.15	1,400,000	<0.75	1.7 J	6.8 J	NA
	TMW07102023	10/6/2023	<500	<5.0	<2.5	13	<2.0	<2.0	58,000	<2.0	<2.0	<10	<500	<1.0	11,000	280	<5.0	3,600	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW07042023	4/21/2023	<500	<5.0	<2.5	15	<2.0	<2.0	56,000	<2.0	<2.0	<10	<500	<1.0	10,000	260	<5.0	4,100	<3.0	<2.0	1,300,000	<2.0	3.9 J	<100	<0.20
	TMW07102022	10/5/2022	<25	<0.52	<1.8	11	<0.31	<0.41	66,000	<0.82	0.25 J	24	<41	<0.21	11,000	300	1.6	2,000	<0.62	<0.31	1,300,000	<0.31	4.9	15	<0.16
TMW08	TMW08042024	4/11/2024	<30	<1.0	<2.0	4.8	<0.60	<0.75	390,000	<1.8	0.39 J	2.1	27 J	<0.70	94,000	610	1.7 J	1,300	42	<0.15	4,700,000	<0.75	<3.0	5.5 J	NA
	TMW08102023	10/5/2023	<1,000	<10	<5.0	5.3 J	<4.0	<4.0	320,000	<4.0	<4.0	<20	<1,000	<2.0	98,000	660	<10	1,400 J	44	<4.0	4,500,000	<4.0	<10	<200	<0.20
	TMW08042023	4/19/2023	<1,000	<10	<5.0	7.5 J	<4.0	<4.0	410,000	<4.0	<4.0	<20	<1,000	<2.0	110,000	630	<10	2,100 J	39	<4.0	4,700,000	<4.0	<10	370 J	<0.20
	TMW08102022	10/5/2022	<25	<0.52	<1.8	6.2	<0.31	<0.41	530,000	<0.82	0.59	2.0	45 J	<0.21	120,000	590	1.8	1,600	41	<0.31	4,600,000	<0.31	<2.1	8.7 J	<0.16
TMW10	TMW10042024	4/11/2024	<30	<1.0	0.55 J	15	<0.60	<0.75	47,000	<1.8	<0.90	1.4 J	9.2 J	<0.70	11,000	12	<1.9	260 J	<4.0	<0.15	1,600,000	<0.75	1.6 J	<8.0	NA
	TMW10102023	10/5/2023	<500	<5.0	1.4 J	12	<2.0	<2.0	48,000	<2.0	<2.0	<10	<500	<1.0	11,000	22	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	5.0 J	<100	<0.20
	TMW10102023FDUP04	10/5/2023	<500	<5.0	1.4 J	12	<2.0	<2.0	47,000	1.0 J	<2.0	<10	<500	<1.0	12,000	19	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	4.5 J	<100	<0.20
	TMW10042023	4/20/2023	<500	<5.0	<2.5	14	<2.0	<2.0	53,000	<2.0	<2.0	<10	<500	<1.0	13,000	14	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	3.4 J	<100	0.55
	TMW10042023DUP	4/20/2023	<500	<5.0	<2.5	14	<2.0	<2.0	55,000	<2.0	<2.0	<10	<500	<1.0	14,000	15	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	3.3 J	<100	0.18 J
	TMW10102022	10/6/2022	<25	<0.52	0.86 J	12	<0.31	<0.41	46,000	<0.82	<0.41	1.3	<41	<0.21	9,700	21	0.94 J	220	<0.62	<0.31	1,300,000	<0.31	3.2 J	<8.2	<0.16
TMW13	TMW13042024	4/17/2024	<30	<1.0	<2.0	17	<0.60	<0.75	26,000	<1.8	<0.90	0.94 J	36 J	<0.70	4,100	1.6 J	<1.9	290 J	8.4	<0.15	560,000	<0.75	<3.0	<8.0	NA
	TMW13102023	10/11/2023	<250	<2.5	1.4 J	18	<1.0	<1.0	28,000	1.6 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	440 J	9.8	<					

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW24	TMW24042024	4/16/2024	<30	<1.0	0.84 J	35	<0.60	<0.75	42,000	<1.8	<0.90	1.1 J	130 J	<0.70	10,000	130	<1.9	200 J	<4.0	0.078 J	1,100,000	<0.75	<3.0	<8.0	NA
	TMW24102023	10/9/2023	<250	<2.5	1.1 J	37	<1.0	<1.0	43,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	140	<2.5	350 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	TMW24042023	4/24/2023	<250	<2.5	1.2 J	36	<1.0	<1.0	40,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	130	<2.5	410 J	<1.5	<1.0	1,000,000	<1.0	2.6 J	<50	<0.20
	TMW24102022	10/13/2022	<25	<0.52	1.1 J	34	<0.31	<0.41	40,000	<0.82	0.20 J	0.49 J	55	<0.21	9,300	130	0.83 J	200 J	<0.62	<0.31	950,000	<0.31	1.7 J	<8.2	<0.16
TMW25	TMW25042024	4/15/2024	<30	<1.0	<2.0	11	<0.60	<0.75	52,000	<1.8	<0.90	1.6 J	<40	<0.70	10,000	39	<1.9	340 J	<4.0	<0.15	910,000	<0.75	2.0 J	<8.0	NA
	TMW25102023	10/6/2023	<250	<2.5	<1.2	12	<1.0	<1.0	51,000	<1.0	<1.0	2.9 J	<250	<0.50	11,000	67	1.7 J	250 J	<1.5	<1.0	890,000	<1.0	2.4 J	<50	<0.20
	TMW25042023	4/27/2023	<250	<2.5	0.67 J	11	<1.0	<1.0	50,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	21	1.3 J	<500	<1.5	<1.0	910,000	<1.0	3.9 J	<50	<0.20
	TMW25102022	10/12/2022	<25	<0.52	<1.8	11	<0.31	<0.41	49,000	<0.82	<0.41	1.5	<41	<0.21	9,800	91	0.68 J	150 J	<0.62	<0.31	770,000	<0.31	3.4 J	<8.2	<0.16
TMW26	TMW26042024	4/10/2024	12 J	<1.0	1.1 J	18	<0.60	<0.75	18,000	<1.8	<0.90	2.5	40 J	<0.70	7,000	120	1.7 J	210 J	<4.0	<0.15	890,000	<0.75	4.1 J	<8.0	NA
	TMW26102023	10/4/2023	<250	<2.5	1.7 J	19	<1.0	<1.0	19,000	0.54 J	<1.0	4.1 J	<250	<0.50	7,700	130	1.9 J	290 J	<1.5	<1.0	910,000	<1.0	5.0	<50	<0.20
	TMW26042023	4/19/2023	<250	<2.5	1.2 J	19	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	7,600	130	1.5 J	330 J	<1.5	<1.0	880,000	<1.0	4.6 J	29 J	<0.20
	TMW26102022	10/4/2022	<25	<0.52	1.2 J	17	0.20 J	<0.41	20,000	<0.82	0.29 J	1.8	<41	<0.21	7,100	110	2.1	270	<0.62	<0.31	790,000	<0.31	3.7 J	<8.2	<0.16
TMW27	TMW27042024	4/10/2024	<30	<1.0	20	120	<0.60	<0.75	24,000	<1.8	<0.90	<1.8	490	<0.70	5,800	540	<1.9	410 J	<4.0	<0.15	390,000	<0.75	<3.0	2.5 J	NA
	TMW27042024FDUP03	4/10/2024	<30	0.52 J	20	120	0.31 J	<0.75	23,000	<1.8	<0.90	<1.8	420	0.97 J	5,600	510	1.1 J	410 J	<4.0	<0.15	370,000	<0.75	<3.0	18	NA
	TMW27102023	10/4/2023	<250	<2.5	23	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	560 J	<0.50	6,600	580	<2.5	480 J	<1.5	<1.0	360,000	<1.0	2.5 J	<50	<0.20
	TMW27102023FDUP03	10/4/2023	<250	<2.5	22	130	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	560 J	<0.50	6,500	550	<2.5	480 J	<1.5	<1.0	340,000	<1.0	2.6 J	<50	<0.20
	TMW27042023	4/19/2023	<250	<2.5	22	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	580 J	<0.50	6,500	570	<2.5	450 J	<1.5	<1.0	340,000	<1.0	<2.5	39 J	<0.20
	TMW27102022	10/4/2022	<25	<0.52	21	NA	<0.31	<0.41	25,000	<0.82	0.18 J	<0.93	550	<0.21	6,200	550	0.43 J	390	<0.62	<0.31	300,000	<0.31	<2.1	<8.2	<0.16
TMW28	TMW28042024	4/15/2024	<30	<1.0	<2.0	90	<0.60	<0.75	150,000	<1.8	<0.90	<1.8	590	<0.70	44,000	590	<1.9	1,300	<4.0	<0.15	580,000	<0.75	<3.0	<8.0	NA
	TMW28102023	10/10/2023	<250	<2.5	<1.2	54	<1.0	<1.0	80,000	6.9	<1.0	<5.0	360 J	<0.50	25,000	350	1.9 J	1,000	<1.5	<1.0	390,000	<1.0	<2.5	<50	<0.20
	TMW28042023	4/24/2023	<250	<2.5	<1.2	62	<1.0	<1.0	170,000	<1.0	<1.0	<5.0	450 J	<0.50	50,000	590	<2.5	1,200	<1.5	<1.0	650,000	<1.0	<2.5	<50	<0.20
	TMW28102022	10/7/2022	<25	<0.52	<1.8	47	<0.31	<0.41	69,000	<0.82	<0.41	<0.93	280	<0.21	21,000	280	<0.82	920	<0.62	<0.31	300,000	<0.31	<2.1	<8.2	<0.16
TMW29	TMW29042024	4/12/2024	<30	<1.0	0.59 J	17	<0.60	<0.75	43,000	<1.8	<0.90	0.86 J	15 J	<0.70	7,000	0.78 J	<1.9	630 J	15	<0.15	610,000	<0.75	2.2 J	2.3 J	NA
	TMW29102023	10/6/2023	<250	<2.5	0.74 J	20	<1.0	<1.0	39,000	0.65 J	<1.0	<5.0	<250	<0.50	7,600	5.2	<2.5	660 J	17	<1.0	580,000	<1.0	3.3 J	<50	<0.20
	TMW29042023	4/21/2023	<250	<2.5	1.0 J	18	<1.0	<1.0	39,000	1.0 J	<1.0	<5.0	<250	<0.50	7,300	8.1	<2.5	710 J	17	<1.0	570,000	<1.0	4.8 J	<50	<0.20
	TMW29102022	10/6/2022	<25	<0.52	0.96 J	17	<0.31	<0.41	38,000	0.61 J	<0.41	0.81 J	<41	<0.21	7,000	9.0	0.43 J	570	14	<0.31	480,000	<0.31	4.4	<8.2	<0.16
TMW31S	TMW31S042024	4/11/2024	<30	<1.0	<2.0	12	<0.60	<0.75	110,000	0.72 J	<0.90	<1.8	<40	<0.70	21,000	8.4	<1.9	250 J	5.3	<0.15	590,000	<0.75	<3.0	<8.0	NA
	TMW31S102023	10/5/2023	<250	<2.5	<1.2	13	<1.0	<1.0	120,000	1.4 J	<1.0	2.9 J	<250	<0.50	22,000	7.6	<2.5	340 J	6.7	<1.0	580,000	<1.0	2.7 J	<50	<0.20
	TMW31S042023	4/19/2023	<250	<2.5	<1.2	13	<1.0	<1.0	130,000	1.2 J	<1.0	<5.0	<250	<0.50	21,000	9.6	<2.5	420 J	7.2	<1.0	560,000	<1.0	2.8 J	42 J	<0.20
	TMW31S102022	10/6/2022	<25	<0.52	<1.8	13	<0.31	<0.41	110,000	0.97 J	<0.41	0.68 J	<41	<0.21	19,000	9.6	<0.82	280	7.0	<0.31	490,000	<0.31	2.1 J	6.0 J	<0.16
TMW33	TMW33042024	4/12/2024	<																						

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW43	TMW43042024	4/16/2024	<30	<1.0	<2.0	18	<0.60	<0.75	35,000	<1.8	<0.90	3.8	<40	<0.70	5,900	58	<1.9	570 J	5.9	<0.15	590,000	<0.75	<3.0	3.6 J	NA
	TMW43102023	10/10/2023	<250	<2.5	<1.2	20	<1.0	<1.0	36,000	<1.0	<1.0	8.0 J	<250	<0.50	6,400	52	<2.5	680 J	6.4	<1.0	560,000	<1.0	1.7 J	<50	<0.20
	TMW43042023	4/25/2023	<250	<2.5	<1.2	20	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	57	<2.5	610 J	6.5	<1.0	580,000	<1.0	1.3 J	<50	<0.20
	TMW43042023DUP	4/25/2023	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,100	51	<2.5	590 J	6.6	<1.0	570,000	<1.0	<2.5	<50	<0.20
	TMW43102022	10/11/2022	<25	<0.52	<1.8	18	<0.31	<0.41	34,000	<0.82	0.17 J	0.49 J	<41	<0.21	5,700	48	<0.82	520	6.0	<0.31	510,000	<0.31	1.7 J	<8.2	<0.16
TMW44	TMW44042024	4/8/2024	13 J	<1.0	0.83 J	15	<0.60	<0.75	37,000	<1.8	<0.90	0.92 J	<40	<0.70	12,000	2.0 J	<1.9	440 J	2.7 J	<0.15	800,000	<0.75	3.2 J	<8.0	NA
	TMW44102023	10/2/2023	<250	<2.5	1.1 J	16	<1.0	<1.0	37,000	1.6 J	<1.0	<5.0	<250	<0.50	12,000	2.0 J	<2.5	320 J	2.6 J	<1.0	780,000	<1.0	5.2	<50	<0.20
	TMW44042023	4/18/2023	<250	<2.5	0.67 J	15	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.2 J	<2.5	380 J	2.3 J	<1.0	750,000	<1.0	3.3 J	<50	<0.20
	TMW44102022	10/4/2022	<25	<0.52	0.80 J	15	<0.31	<0.41	38,000	<0.82	<0.41	22	<41	<0.21	11,000	9.9	1.1 J	260	2.3	<0.31	660,000	<0.31	3.2 J	5.3 J	<0.16
TMW45	TMW45042024	4/16/2024	<30	0.57 J	0.84 J	63	<0.60	<0.75	30,000	<1.8	<0.90	2.3	10 J	<0.70	7,300	23	0.92 J	340 J	1.3 J	0.072 J	970,000	<0.75	2.3 J	<8.0	NA
	TMW45102023	10/11/2023	<250	<2.5	1.9 J	67	<1.0	<1.0	30,000	1.4 J	<1.0	<5.0	<250	<0.50	7,700	160	2.0 J	540 J	1.1 J	<1.0	970,000	<1.0	6.6	<50	<0.20
	TMW45042023	4/25/2023	<250	<2.5	0.74 J	64	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,300	15	<2.5	420 J	1.0 J	<1.0	940,000	<1.0	3.4 J	<50	<0.20
	TMW45102022	10/12/2022	<25	<0.52	1.1 J	61	<0.31	<0.41	29,000	<0.82	0.23 J	1.6	<41	<0.21	6,600	100	1.4 J	350	0.96 J	<0.31	760,000	<0.31	4.0 J	<8.2	<0.16
TMW46	TMW46042024	4/8/2024	12 J	<1.0	<2.0	9.3	<0.60	<0.75	100,000	<1.8	<0.90	0.98 J	<40	<0.70	22,000	<1.8	<1.9	430 J	110	<0.15	1,400,000	<0.75	3.2 J	<8.0	NA
	TMW46102023	10/2/2023	<500	<5.0	<2.5	10	<2.0	<2.0	96,000	3.1 J	<2.0	<10	<500	<1.0	23,000	<5.0	2.8 J	<1,000	120	<2.0	1,300,000	<2.0	6.3 J	<100	<0.20
	TMW46042023	4/18/2023	<500	<5.0	<2.5	9.3 J	<2.0	<2.0	97,000	<2.0	<2.0	<10	<500	<1.0	22,000	<5.0	<5.0	<1,000	120	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW46102022DUP	10/4/2022	<25	<0.52	<1.8	9.8	<0.31	<0.41	94,000	<0.82	<0.41	0.66 J	<41	<0.21	22,000	1.1 J	<0.82	260	120	<0.31	1,300,000	<0.31	3.6 J	4.6 J	<0.16
	TMW46102022	10/4/2022	<25	<0.52	<1.8	9.4	<0.31	<0.41	89,000	<0.82	<0.41	0.52 J	<41	<0.21	21,000	<2.0	<0.82	230	120	<0.31	1,300,000	<0.31	3.4 J	11 J	<0.16
TMW47	TMW47042024	4/18/2024	14 J	<1.0	<2.0	9.8	<0.60	<0.75	5,700	<1.8	<0.90	<1.8	36 J	<0.70	640	32	<1.9	580 J	<4.0	<0.15	530,000	<0.75	<3.0	<8.0	NA
	TMW47042024FDUP10	4/18/2024	12 J	<1.0	<2.0	9.8	<0.60	<0.75	5,900	<1.8	<0.90	<1.8	<40	<0.70	640	32	<1.9	580 J	<4.0	<0.15	550,000	<0.75	<3.0	<8.0	NA
	TMW47102023	10/12/2023	<250	<2.5	<1.2	12	<1.0	<1.0	6,900	6.5	<1.0	<5.0	<250	<0.50	810	32	1.8 J	710 J	<1.5	<1.0	530,000	<1.0	<2.5	<50	<0.20
	TMW47042023	4/27/2023	<250	<2.5	<1.2	12	<1.0	<1.0	6,500	<1.0	<1.0	<5.0	<250	<0.50	690	35	<2.5	810 J	<1.5	<1.0	560,000	<1.0	<2.5	<50	<0.20
	TMW47102022	10/13/2022	13 J	<0.52	<1.8	11	<0.31	<0.41	7,200	<0.82	<0.41	<0.93	<41	<0.21	660	31	<0.82	710	<0.62	<0.31	440,000	<0.31	<2.1	<8.2	<0.16
TMW57	TMW57042024	4/15/2024	<30	<1.0	0.67 J	28	<0.60	<0.75	12,000	0.74 J	<0.90	0.94 J	<40	<0.70	2,400	4.4	1.3 J	490 J	11	<0.15	580,000	<0.75	<3.0	<8.0	NA
	TMW57102023	10/9/2023	<250	<2.5	0.86 J	33	<1.0	<1.0	12,000	1.1 J	<1.0	<5.0	<250	<0.50	2,800	64	1.8 J	610 J	10	<1.0	570,000	<1.0	<2.5	<50	<0.20
	TMW57042023	4/24/2023	<250	<2.5	1.2 J	29	<1.0	<1.0	11,000	0.71 J	<1.0	<5.0	<250	<0.50	2,700	11	<2.5	570 J	9.9	<1.0	550,000	<1.0	2.7 J	<50	<0.20
	TMW57102022	10/10/2022	<25	<0.52	0.90 J	27	<0.31	<0.41	12,000	0.73 J	<0.41	0.83 J	<41	<0.21	2,400	13	1.2 J	340	9.6	<0.31	520,000	<0.31	1.6 J	<8.2	<0.16
TMW59	TMW59042024	4/15/2024	<30	<1.0	1.9 J	22	<0.60	<0.75	37,000	3.2	<0.90	3.2	48 J	<0.70	8,800	3.0	2.0 J	590 J	1.9 J	<0.15	820,000	<0.75	3.0 J	3.8 J	NA
	TMW59102023	10/9/2023	<250	<2.5	1.6 J	24	<1.0	<1.0	38,000	3.4 J	<1.0	3.8 J	<250	<0.50	9,700	11	6.9	630 J	1.8 J	<1.0	830,000	<1.0	3.5 J	<50	<0.20
	TMW59042023	4/24/2023	<250	<2.5	1.9 J	24	<1.0	<1.0	37,000	3.6 J	<1.0	3.8 J	<250	<0.50	9,900	4.0 J	<2.5	700 J	1.4 J	<1.0	780,000	<1.0	4.8 J	30 J	<0.20
	TMW59102022	10/10/2022	<25	0.26 J	2.0 J	23	<0.31	<0.41	35,000	3.0	0.18 J	3.5	<41	<0.21	8,300	5.0	2.2	570	1.2	<0.31	650,000	<0.31	4.1	9.8 J	<0.16
TMW61	TMW61042024	4																							

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
BGMW10	BGMW10042024	4/9/2024	<30	<1.0	<2.0	6.0	<0.60	<0.75	7,900	<1.8	<0.90	<1.8	<40	<0.70	780	15	<1.9	780 J	<4.0	<0.15	670,000	<0.75	<3.0	3.6 J	NA
	BGMW10042024FDUP02	4/9/2024	<30	<1.0	<2.0	6.0	<0.60	<0.75	8,000	<1.8	<0.90	<1.8	<40	<0.70	770	15	<1.9	790 J	<4.0	<0.15	680,000	<0.75	<3.0	6.5 J	NA
	BGMW10102023	10/3/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	8,100	<1.0	<1.0	<5.0	<250	<0.50	900	15	<2.5	760 J	<1.5	<1.0	620,000	<1.0	<2.5	<50	<0.20
	BGMW10102023FDUP02	10/3/2023	<250	<2.5	<1.2	7.5	<1.0	<1.0	8,200	<1.0	<1.0	2.6 J	<250	<0.50	910	15	<2.5	900 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	BGMW10042023	4/18/2023	<250	<2.5	<1.2	6.1	<1.0	<1.0	8,000	<1.0	<1.0	<5.0	<250	<0.50	900	17	<2.5	690 J	<1.5	<1.0	620,000	<1.0	<2.5	<50	<0.20
	BGMW10042023DUP	4/18/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	8,000	<1.0	<1.0	<5.0	<250	<0.50	910	16	<2.5	800 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
TMW14A	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
	TMW14A042024	4/15/2024	10 J	<1.0	<2.0	15	<0.60	<0.75	3,400	<1.8	<0.90	<1.8	17 J	<0.70	360	12	<1.9	590 J	<4.0	<0.15	470,000	<0.75	<3.0	<8.0	NA
	TMW14A102023	10/12/2023	<250	<2.5	0.69 J	17	<1.0	<1.0	3,400	7.0	<1.0	<5.0	<250	<0.50	520	16	3.0 J	510 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW14A042023	4/21/2023	<250	<2.5	<1.2	17	<1.0	<1.0	3,300	<1.0	<1.0	<5.0	<250	<0.50	410 J	12	1.3 J	580 J	<1.5	<1.0	430,000	<1.0	<2.5	98 J	<0.20
TMW16	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
	TMW16042024	4/8/2024	13 J	<1.0	<2.0	11	<0.60	<0.75	3,900	<1.8	<0.90	1.1 J	56 J	<0.70	360	3.3	11	610 J	<4.0	<0.15	480,000	<0.75	4.8 J	2.3 J	NA
	TMW16042024FDUP01	4/8/2024	16 J	<1.0	<2.0	11	<0.60	<0.75	4,000	<1.8	<0.90	1.1 J	40 J	<0.70	370	3.0	10	630 J	<4.0	<0.15	480,000	<0.75	4.8 J	8.3 J	NA
	TMW16102023	10/2/2023	<250	<2.5	<1.2	12	<1.0	<1.0	4,300	1.4 J	<1.0	<5.0	<250	<0.50	450 J	3.4 J	8.7	580 J	<1.5	<1.0	480,000	<1.0	7.8	<50	<0.20
	TMW16102023FDUP01	10/2/2023	<250	<2.5	0.63 J	13	<1.0	<1.0	4,300	2.1 J	<1.0	2.9 J	<250	<0.50	430 J	8.2	7.4	590 J	<1.5	<1.0	460,000	<1.0	8.7	<50	<0.20
	TMW16042023	4/17/2023	<250	<2.5	<1.2	12	<1.0	<1.0	3,900	1.3 J	<1.0	<5.0	<250	<0.50	430 J	3.0 J	20	600 J	<1.5	<1.0	430,000	<1.0	5.6	53 J	0.16 J
TMW17	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
	TMW17042024	4/15/2024	44 J	<1.0	<2.0	13	<0.60	<0.75	4,000	<1.8	<0.90	<1.8	14 J	<0.70	520	11	<1.9	730 J	<4.0	<0.15	520,000	<0.75	<3.0	<8.0	NA
	TMW17102023	10/9/2023	<250	<2.5	<1.2	15	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	<0.50	570	13	<2.5	710 J	<1.5	<1.0	470,000	<1.0	<2.5	<50	<0.20
	TMW17042023	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	3,400	<1.0	<1.0	<5.0	<250	<0.50	530	11	<2.5	740 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW17042023DUP	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	3,500	<1.0	<1.0	<5.0	<250	<0.50	530	11	<2.5	730 J	<1.5	<1.0	460,000	<1.0	<2.5	<50	<0.20
TMW18	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
	TMW18042024	4/8/2024	170 J	<1.0	<2.0	11	<0.60	<0.75	8,100	<1.8	<0.90	<1.8	39 J	0.35 J	1,100	6.5	<1.9	1,900	<4.0	<0.15	720,000	<0.75	3.9 J	<8.0	NA
	TMW18102023	10/2/2023	160 J	<2.5	0.78 J	12	<1.0	<1.0	8,600	2.7 J	<1.0	<5.0	<250	<0.50	1,200	7.3	<2.5	2,200	<1.5	<1.0	710,000	<1.0	6.3	<50	<0.20
	TMW18042023	4/17/2023	180 J	<2.5	<1.2	11	<1.0	<1.0	7,600	<1.0	<1.0	<5.0	<250	<0.50	1,100	5.7	<2.5	2,200	<1.5	<1.0	630,000	<1.0	6.8	<50	<0.20
TMW19	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
	TMW19042024	4/8/2024	<30	<1.0	<2.0	6.1	<0.60	<0.75	10,000	<1.8	<0.90	1.4 J	<40	<0.70	970	22	11	890 J	<4.0	<0.15	740,000	<0.75	4.8 J	9.6 J	NA
	TMW19102023	10/2/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	10,000	0.57 J	<1.0	<5.0	<250	<0.50	1,100	23	12	850 J	<1.5	<1.0	720,000	<1.0	7.0	<50	<0.20
	TMW19042023	4/17/2023	<250	<2.5	<1.2	6.3	<1.0	<1.0	10,000	0.62 J	<1.0	<5.0	<250	<0.50	1,100	28	16	860 J	<1.5	<1.0	640,000	<1.0	5.4	59 J	0.10 J
TMW30	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
	TMW30042024	4/10/2024	<30	<1.0	<2.0	9.5	<0.60	<0.75	55,000	<1.8	<0.90	1.2 J	9.1 J</												

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW38	TMW38042024	4/18/2024	<30	<1.0	<2.0	10	<0.60	<0.75	13,000	<1.8	<0.90	<1.8	170 J	<0.70	2,000	52	<1.9	890 J	<4.0	<0.15	890,000	<0.75	<3.0	<8.0	NA
	TMW38102023	10/12/2023	<250	<2.5	<1.2	12	<1.0	<1.0	13,000	6.4	<1.0	<5.0	<250	<0.50	1,600	43	1.5 J	800 J	<1.5	<1.0	730,000	<1.0	<2.5	<50	<0.20
	TMW38042023	4/27/2023	<250	<2.5	<1.2	12	<1.0	<1.0	22,000	<1.0	<1.0	<5.0	<250	<0.50	2,500	80	<2.5	1,200	<1.5	<1.0	980,000	<1.0	<2.5	<50	<0.20
	TMW38102022DUP	10/12/2022	<25	<0.52	<1.8	9.5	<0.31	<0.41	14,000	<0.82	<0.41	<0.93	26 J	<0.21	1,100	35	<0.82	730	<0.62	<0.31	660,000	<0.31	1.2 J	<8.2	<0.16
TMW39D	TMW39D042024	4/11/2024	<30	<1.0	<2.0	8.3	<0.60	<0.75	22,000	<1.8	<0.90	<1.8	52 J	<0.70	2,700	55	<1.9	910 J	<4.0	<0.15	820,000	<0.75	<3.0	<8.0	NA
	TMW39D102023	10/9/2023	<250	<2.5	<1.2	8.9	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	<250	<0.50	4,800	51	<2.5	1,200	1.0 J	<1.0	800,000	<1.0	<2.5	<50	<0.20
	TMW39D042023	4/25/2023	<250	<2.5	<1.2	7.7	<1.0	<1.0	22,000	<1.0	<1.0	<5.0	<250	<0.50	2,600	54	<2.5	1,000	<1.5	<1.0	770,000	<1.0	<2.5	<50	<0.20
	TMW39D102022	10/14/2022	<25	<0.52	<1.8	7.9	<0.31	<0.41	45,000	<0.82	<0.41	<0.93	<41	<0.21	3,700	49	<0.82	1,100	0.77 J	<0.31	690,000	<0.31	<2.1	<8.2	<0.16
TMW40D	TMW40D042024	4/15/2024	20 J	<1.0	<2.0	8.5	<0.60	<0.75	15,000	<1.8	<0.90	<1.8	14 J	<0.70	1,900	48	<1.9	1,100	2.7 J	<0.15	760,000	<0.75	<3.0	6.7 J	NA
	TMW40D102023	10/6/2023	<250	<2.5	<1.2	9.6	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	55	<2.5	1,000	2.5 J	<1.0	750,000	<1.0	2.2 J	<50	<0.20
	TMW40D042023	4/25/2023	<250	<2.5	<1.2	9.0	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	1,900	52	<2.5	980 J	2.3 J	<1.0	730,000	<1.0	2.7 J	<50	<0.20
	TMW40D102022	10/14/2022	<25	<0.52	0.71 J	8.6	<0.31	<0.41	19,000	<0.82	0.17 J	0.69 J	<41	<0.21	1,800	47	<0.82	810	2.6	<0.31	580,000	<0.31	2.9 J	<8.2	<0.16
TMW48	TMW48042024	4/16/2024	<30	<1.0	<2.0	9.3	<0.60	<0.75	75,000	<1.8	<0.90	0.87 J	<40	<0.70	13,000	69	<1.9	1,000	5.4	<0.15	690,000	<0.75	<3.0	8.9 J	NA
	TMW48102023	10/6/2023	<250	<2.5	<1.2	11	<1.0	<1.0	66,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	59	<2.5	1,300	4.9 J	<1.0	690,000	<1.0	1.3 J	<50	<0.20
	TMW48042023	4/25/2023	<250	<2.5	0.64 J	9.9	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	8,800	55	<2.5	1,100	3.9 J	<1.0	700,000	<1.0	1.6 J	<50	<0.20
	TMW48042023DUP	4/25/2023	<250	<2.5	<1.2	10	<1.0	<1.0	55,000	<1.0	<1.0	<5.0	<250	<0.50	9,500	56	<2.5	1,100	4.5 J	<1.0	710,000	<1.0	1.5 J	<50	<0.20
TMW49	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
	TMW49042024	4/18/2024	<30	<1.0	<2.0	8.4	<0.60	<0.75	73,000	1.7 J	<0.90	<1.8	130 J	<0.70	13,000	7.2	<1.9	950 J	20	<0.15	560,000	<0.75	13	4.5 J	NA
	TMW49102023	10/9/2023	<250	<2.5	<1.2	9.9	<1.0	<1.0	79,000	1.1 J	<1.0	<5.0	<250	<0.50	14,000	35	2.8 J	1,700	21	<1.0	880,000	<1.0	12	<50	<0.20
	TMW49042023	4/26/2023	<250	<2.5	<1.2	11	<1.0	<1.0	81,000	<1.0	0.50 J	<5.0	<250	<0.50	14,000	95	5.6	1,700	11	<1.0	940,000	<1.0	11	<50	<0.20
TMW50	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
	TMW50042024	4/10/2024	24 J	<1.0	2.4 J	20	<0.60	<0.75	5,000	0.84 J	<0.90	0.71 J	14 J	<0.70	490	4.5	<1.9	630 J	1.1 J	<0.15	550,000	<0.75	43	2.3 J	NA
	TMW50102023	10/4/2023	<250	<2.5	2.1 J	15	<1.0	<1.0	5,200	0.94 J	<1.0	<5.0	<250	<0.50	580	12	<2.5	630 J	<1.5	<1.0	530,000	<1.0	26	<50	<0.20
	TMW50042023	4/19/2023	<250	<2.5	2.2 J	16	<1.0	<1.0	5,400	0.63 J	<1.0	<5.0	<250	<0.50	580	13	<2.5	760 J	<1.5	<1.0	540,000	<1.0	40	29 J	<0.20
TMW51	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
	TMW51042024	4/12/2024	<30	2.1	<2.0	24	<0.60	<0.75	21,000	<1.8	<0.90	12	14 J	<0.70	2,700	2.6 J	2.0 J	1,400	4.2 J	<0.15	750,000	<0.75	<3.0	18	NA
	TMW51102023	10/6/2023	<250	<2.5	<1.2	8.6	<1.0	<1.0	18,000	<1.0	<1.0	2.6 J	<250	<0.50	2,900	32	<2.5	990 J	5.7	<1.0	710,000	<1.0	4.0 J	<50	<0.20
	TMW51042023	4/21/2023	<250	<2.5	<1.2	8.6	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	33	1.3 J	1,000	5.3	<1.0	680,000	<1.0	4.8 J	<50	<0.20
TMW52	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
	TMW52042024	4/15/2024	35 J	<1.0	5.1	13	<0.60	<0.75	4,200	1.9 J	<0.90	<1.8	17 J	<0.70	430	0.									

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2024
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
TMW64	TMW64042024	4/17/2024	10 J	<1.0	<2.0	21	<0.60	<0.75	9,900	<1.8	<0.90	1.2 J	36 J	<0.70	1,200	26	<1.9	700 J	<4.0	<0.15	610,000	<0.75	3.3 J	2.0 J	NA
	TMW64042024FDUP09	4/17/2024	9.8 J	<1.0	<2.0	21	<0.60	<0.75	9,500	<1.8	<0.90	<1.8	32 J	<0.70	1,100	26	<1.9	670 J	<4.0	<0.15	590,000	<0.75	2.9 J	3.1 J	NA
	TMW64102023	10/11/2023	<250	<2.5	1.3 J	25	<1.0	<1.0	11,000	1.3 J	<1.0	<5.0	<250	<0.50	1,400	28	<2.5	880 J	0.77 J	<1.0	600,000	<1.0	9.5	<50	<0.20
	TMW64042023	4/26/2023	<250	<2.5	<1.2	23	<1.0	<1.0	10,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	36	<2.5	730 J	<1.5	<1.0	630,000	<1.0	6.6	<50	<0.20
	TMW64102022	10/7/2022	<25	<0.52	<1.8	24	<0.31	<0.41	18,000	0.70 J	<0.41	<0.93	33 J	<0.21	1,200	33	1.3 J	700	0.45 J	<0.31	530,000	<0.31	3.8 J	<8.2	<0.16

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.

NOTE: Appendix A is provided as a separate file on CD.

APPENDIX A

FIELD NOTES

NOTE: Appendix B is provided as a separate file on CD.

APPENDIX B

GROUNDWATER SAMPLING FIELD DATA SHEETS

NOTE: Appendix C is provided as a separate file on CD.

APPENDIX C

CHAIN-OF-CUSTODY FORMS

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

EUROFINS ELECTRONIC DATA DELIVERABLES

NOTE: Appendix E is provided as a separate file on CD.

APPENDIX E

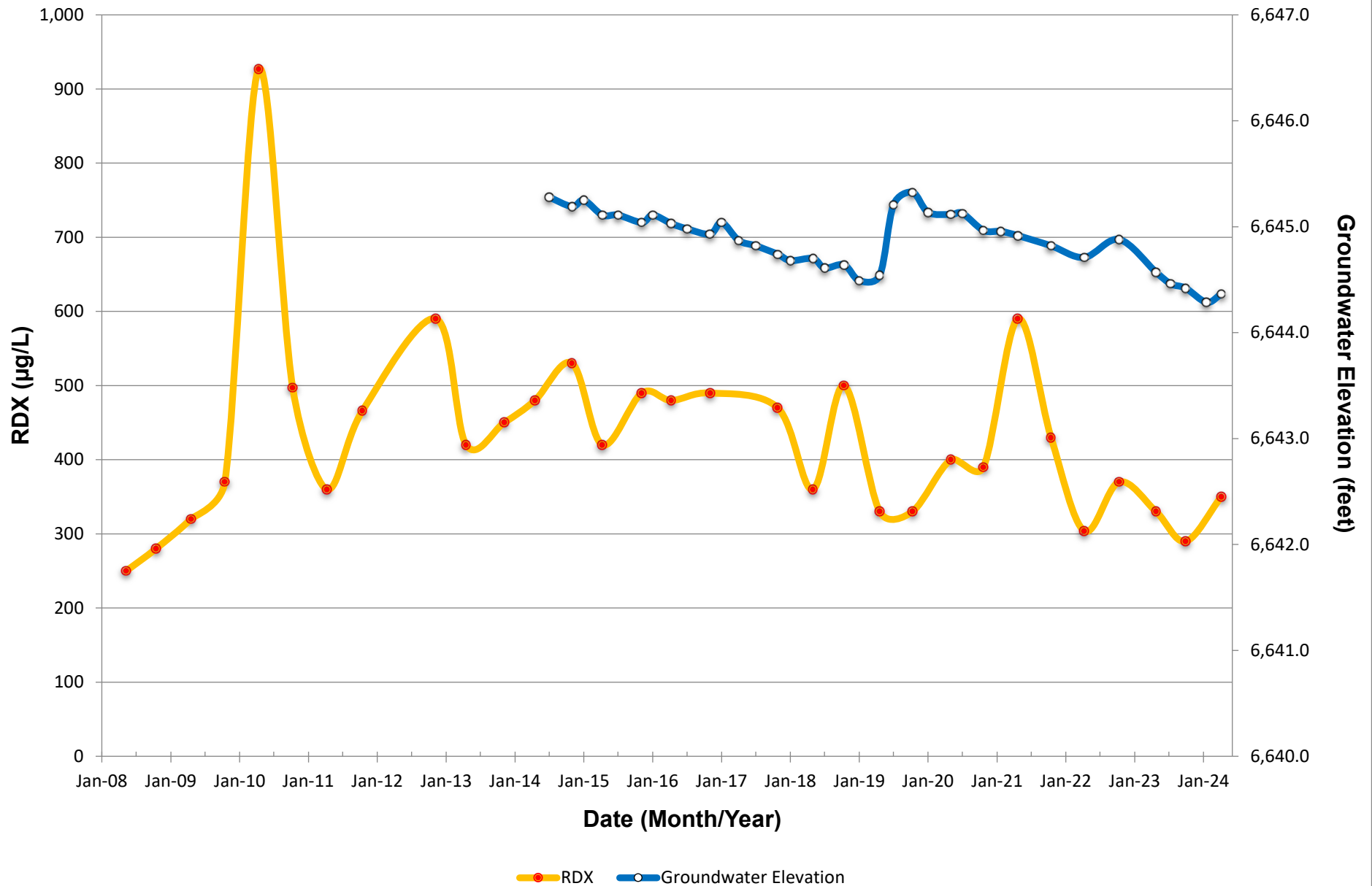
HISTORICAL GROUNDWATER ANALYTICAL DATA

APPENDIX F

RDX vs. TIME PLOTS

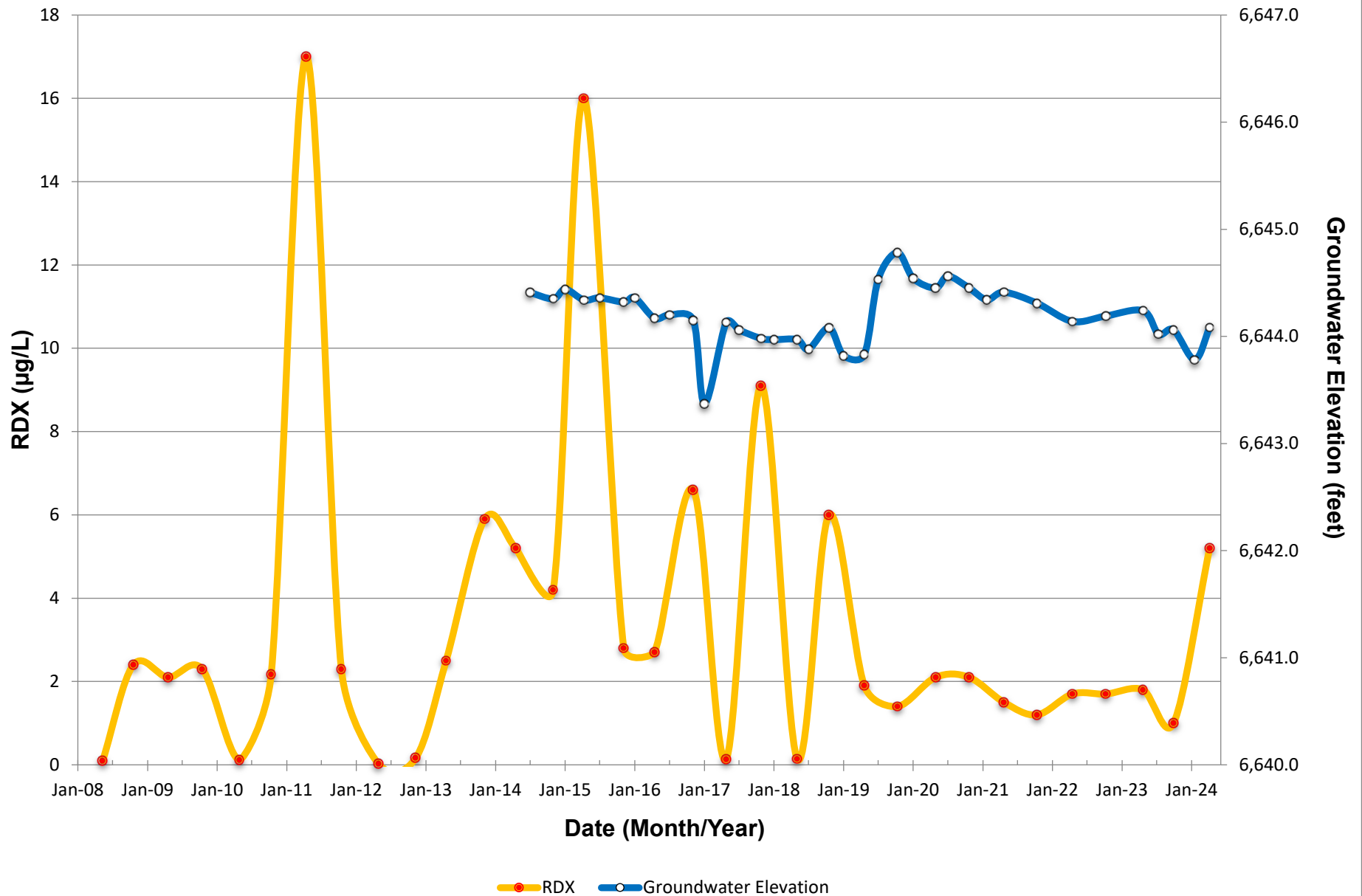
TMW03

RDX and Groundwater Elevation vs Time



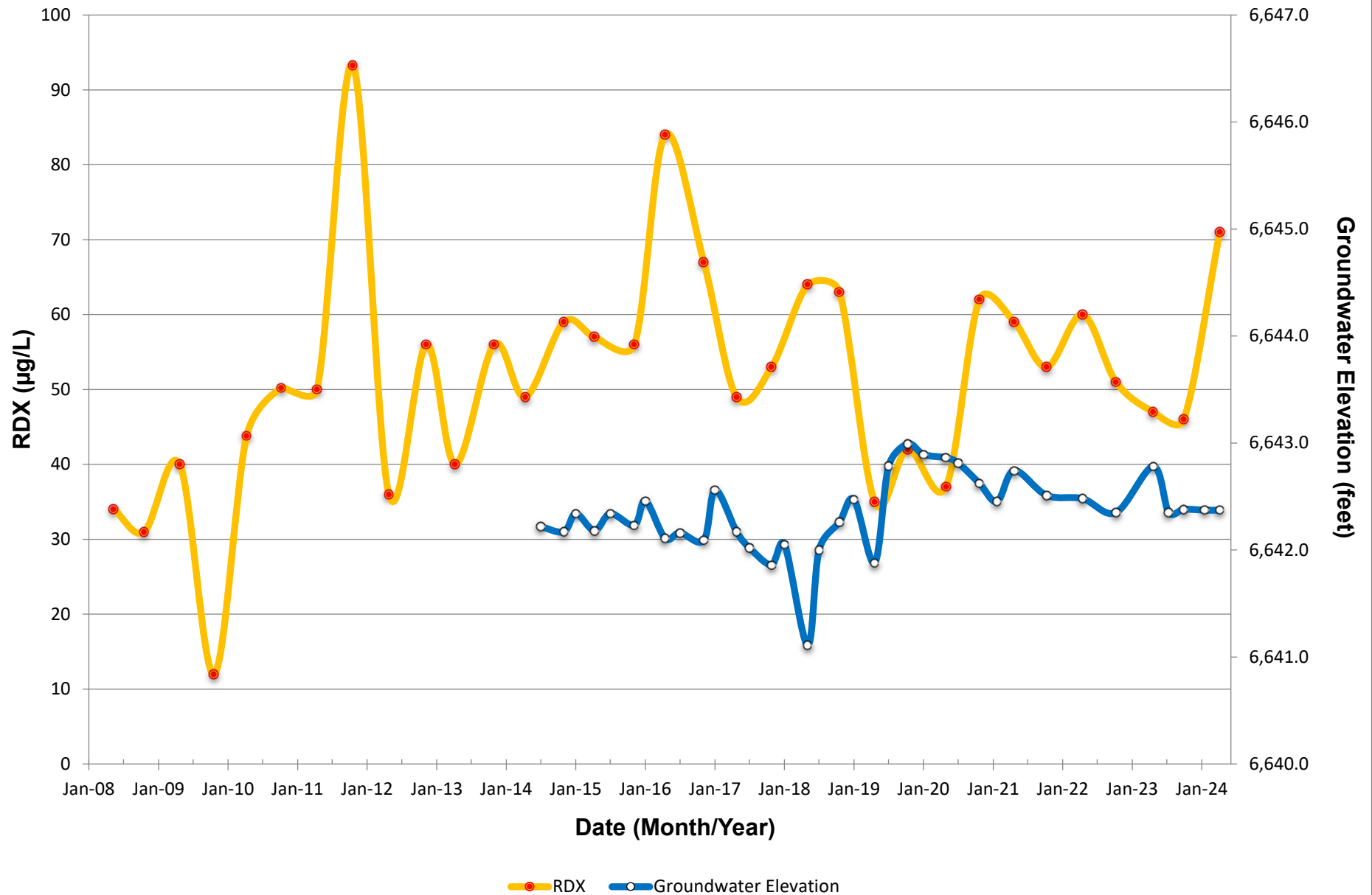
TMW04

RDX and Groundwater Elevation vs Time



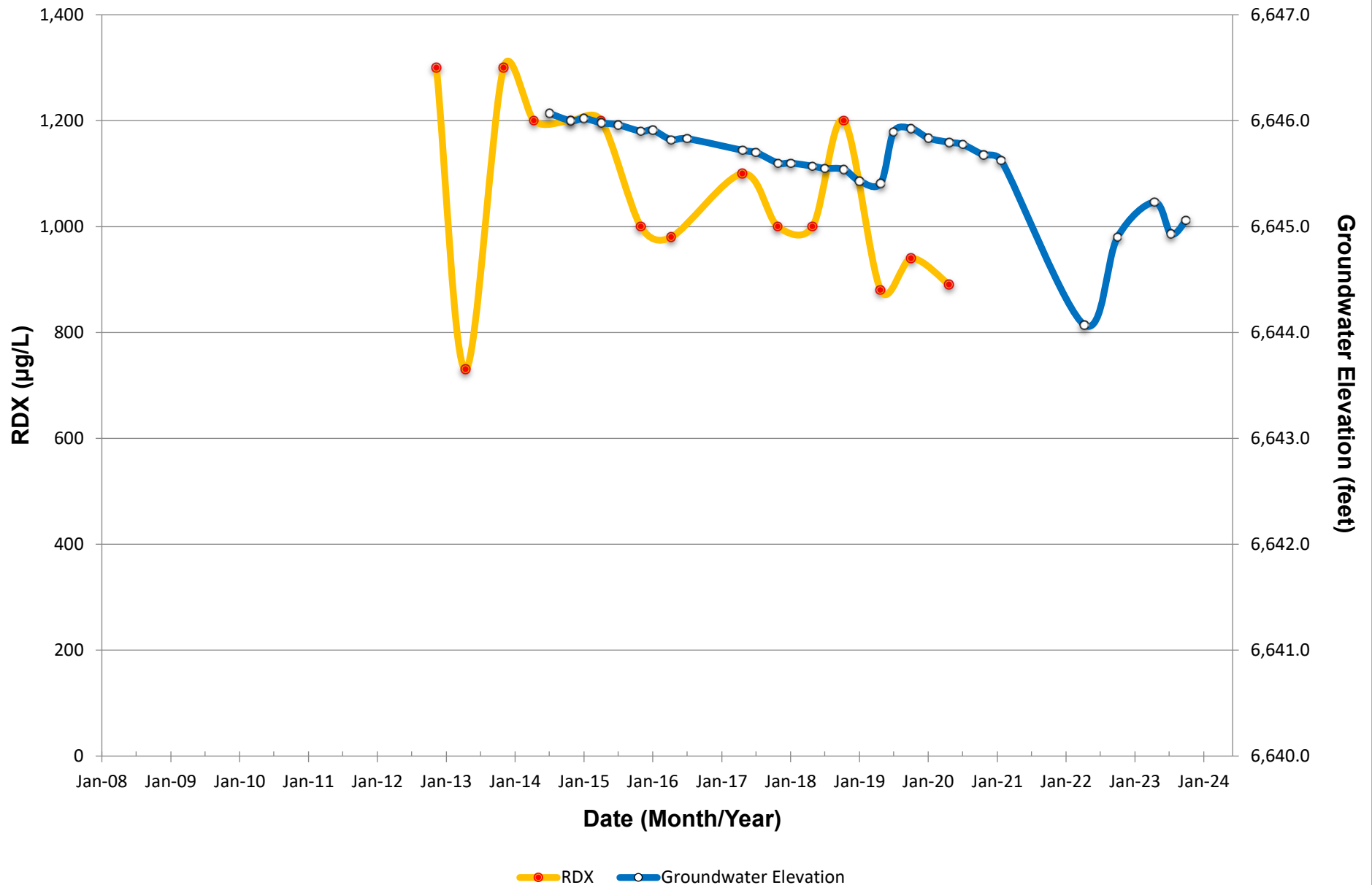
TMW23

RDX and Groundwater Elevation vs Time



TMW40S

RDX and Groundwater Elevation vs Time



APPENDIX G

WELL BGMW02 PHOTOGRAPHIC LOG

Photographic Log

 NE 30 60 90 120 150 180 210 ● 35.522472°N, 108.578786°W ±9ft ▲ 6694ft BGMW02 Wingate 15 Apr 2024, 07:13:14	Photograph #1 Description of Photograph: Picture of the BGMW02 monument. Looking east-southeast. Site Location: Fort Wingate Depot Activity McKinley County, New Mexico Date of Photograph: 4/15/2024
 SE 150 180 210 240 270 300 NW ● 35.522487°N, 108.578780°W ±13ft ▲ 6696ft BGMW02 Wingate 15 Apr 2024, 07:14:16	Photograph #2 Description of Photograph: Picture of the BGMW02 monument. Looking southwest. Site Location: Fort Wingate Depot Activity McKinley County, New Mexico Date of Photograph: 4/15/2024

APPENDIX H

WELL BGMW08 GROUNDWATER ELEVATIONS

BGMW08

Groundwater Elevation vs Time

