PARCEL 3 GROUNDWATER RCRA FACILITY INVESTIGATION

QUARTERLY DATA SUMMARY (1 of 8) – NOVEMBER 2025 SAMPLING EVENT

Fort Wingate Depot Activity
McKinley County, New Mexico

August 2026

Contract No. W912PP25CA007

Prepared for:

U.S. Army Corps of Engineers
Albuquerque District
4101 Jefferson Plaza, N.E.
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REPORT DOCUMENTATION PAGE

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Fort Wingate Depot Activity
McKinley County, New Mexico

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14. ABSTRACT
This Parcel 3 Groundwater RCRA Facility Investigation Quarterly Data Summary documents the activities conducted in November 2025 in Parcel 3 at Fort Wingate Depot Activity under the 2024 Final Revision 1.0 Parcel 3 Groundwater RCRA Facility Investigation Supplemental Sampling Work Plan. This data summary describes the sampling activities and presents the analytical data.

15. SUBJECT TERMS

Fort Wingate Depot Activity, Parcel 3, groundwater, monitoring, nitrate, explosives, perchlorate, volatile organic compounds

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FINAL APPROVAL LETTER PLACEHOLDER

Upon approval by the New Mexico Environment Department – Hazardous Waste Bureau of this Parcel 3 Groundwater RCRA Facility Investigation Quarterly Data Summary (1 of 8) – November 2025 Sampling Event, a copy of the signed approval letter will be placed here.

DOCUMENT CERTIFICATION

Parcel 3 Groundwater RCRA Facility Investigation Quarterly Data Summary
November 2025 Sampling Event

Fort Wingate Depot Activity, McKinley County, NM

40 CFR 270.11

August 2026

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.

Cheryl Frischkorn

Ms. Cheryl Frischkorn
Base Realignment and Closure (BRAC), BRAC Environmental Coordinator (BEC)
Fort Wingate Depot Activity, BRAC Directorate

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August 2026

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Parcel 3 Groundwater RCRA Facility Investigation Quarterly Data Summary
November 2025 Sampling Event

Fort Wingate Depot Activity, McKinley County, NM

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

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Note: Appendices C & D are provided as separate files on CD.

LIST OF ABBREVIATIONS AND ACRONYMS

µg/L	microgram per liter
ADR	automated data review
amsl	above mean sea level
Army	U.S. Department of the Army
BEC	BRAC Environmental Coordinator
Bennett	Bennett Sample Pumps, Inc.
BESST	BESST, Inc.
BIA	U.S. Bureau of Indian Affairs
BRAC	Base Realignment and Closure Division
CoC	chain of custody
CD	compact disc
CFR	Code of Federal Regulations
DO	dissolved oxygen
DoD	U.S. Department of Defense
DoE	U.S. Department of Energy
DTW	depth to water
EDD	electronic data deliverable
EPA	U.S. Environmental Protection Agency
ERP	Environmental Restoration Program
Eurofins	Eurofins Environment Testing
ft	foot or feet
FWDA	Fort Wingate Depot Activity
GW	groundwater
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HWB	Hazardous Waste Bureau
ID	identification
LOQ	limit of quantitation
MCL	maximum contaminant level
mg/L	milligram per liter
MS	matrix spike
MSD	matrix spike duplicate
mS/cm	millisiemen per centimeter
mV	millivolt
NAVD88	North American Vertical Datum of 1988
NM	New Mexico
NMED	New Mexico Environment Department
NM WQCC	New Mexico Water Quality Control Commission
NN	Navajo Nation
NTU	nephelometric turbidity unit
NRO	Navajo Regional Office
OH	Ohio
ORP	oxidation-reduction potential
PCB	polychlorinated biphenyl

pH	potential hydrogen
QA	quality assurance
QC	quality control
QSM	Quality Systems Manual
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
SL	screening level
SSWP	Supplemental Sampling Work Plan
Sundance	Sundance Consulting, Inc.
SVOC	semi-volatile organic compound
SW	Southwest Region Regional Office
TOC	top of casing
USACE	U.S. Army Corps of Engineers
UXO	unexploded ordnance
VOC	volatile organic compound

1.0 INTRODUCTION

This Parcel 3 Groundwater RCRA (Resource Conservation and Recovery Act) Facility Investigation (RFI) Quarterly Data Summary documents groundwater sampling activities conducted in Parcel 3 (Figure 1-1) at Fort Wingate Depot Activity (FWDA) in November 2025, in accordance with the 2024 Final Revision 1.0 Parcel 3 Groundwater RCRA Facility Investigation Supplemental Sampling Work Plan (Parcel 3 GW RFI SSWP) (Sundance, 2024).

Groundwater sampling was conducted at FWDA under contract to the U.S. Army Corps of Engineers (USACE), Albuquerque District as part of the Environmental Restoration Program (ERP). This data summary 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).

This interim data submittal provides validated sampling results as they become available. This submittal is the first of eight quarterly events with all data to be presented and evaluated in a subsequent Parcel 3 Groundwater RFI Supplemental Sampling Report. Data interpretations and risk screening evaluations will be performed in the final RFI Report deliverable.

2.0 FIELD SAMPLING ACTIVITIES

This section provides a description of the field activities, laboratory analyses, and data management activities conducted during this reporting period (quarterly event 1 of 8) for the Parcel 3 interim groundwater sampling event. Field activities performed during the reporting period include one groundwater level measurement event and one groundwater sampling event. All sampling activities were conducted in accordance with the Parcel 3 GW RFI SSWP (Sundance, 2024).

2.1 GROUNDWATER LEVEL MEASUREMENTS

Groundwater level measurement was performed in Parcel 3 of FWDA on November 7, 2025. Depth to water (DTW) measurements were collected from 38 groundwater monitoring wells.

During the gauging event, three monitoring wells were found to be dry (BGMW05, FW24, and KMW13) and three wells went dry during sampling (CMW32, CMW35, and CMW47). A full description of the groundwater level measurements is presented in Section 3 of this summary and groundwater elevations are listed on Table 3-1 and shown on Figure 3-1.

Water level measurements were recorded by two teams of two people and an unexploded ordnance (UXO) safety person. 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 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 Parcel 3. Groundwater elevation contour maps and groundwater flow directions are presented in Section 3 of this summary.

2.2 GROUNDWATER PURGING AND SAMPLING

Groundwater samples were collected from 32 of the 38 monitoring wells from November 10 to 17, 2025. For the purposes of sampling, six monitoring wells were considered dry during the groundwater sampling event: BGMW05, CMW32, CMW35, CMW47, FW24, and KMW13. Sampling was attempted at monitoring wells CMW32, CMW35, and CMW47; however, no water was obtained when using a disposable bailer.

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 submersible pumps (Bladder Pump); and disposable polyethylene bailers. All air-driven pumps (BESST, Bennett, and the Bladder Pumps) were operated with 99.99% pure pressurized nitrogen gas. Analytes sampled for each well are presented in Table 2-1 (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 2-2. 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 Parcel 3 GW RFI SSWP (Sundance, 2024) 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 in accordance with the Parcel 3 GW RFI SSWP.

Wells not equipped with dedicated low-flow pumps were purged by pumping 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 removed, the well was allowed to recharge for up to 48 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 Parcel 3 GW RFI SSWP.

The specific purging method at each of the monitoring wells is listed on Table 2-2 and shown on the field data sheets provided in Appendix B.

Well gauging and well sampling equipment were decontaminated in accordance with the Parcel 3 GW RFI SSWP.

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 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 6* (QSM; U.S. Department of Defense [DoD]/U.S. Department of Energy [DoE], 2023). 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. Samples were documented and submitted to the analytical facility under Chain of Custody. An electronic copy of the chain-of-custody (CoC) forms for the sampling event are included in Appendix C, which is provided on compact disc (CD).

Sample identifiers were assigned based on the convention described in the Parcel 3 GW RFI SSWP. Groundwater sample identifiers consisted of the monitoring well identification (ID) and sample date, month and year. The QC samples were collected blindly and labelled “FDUP01-” through “FDUP04-” followed by the date the duplicate samples were collected, as specified in the Parcel 3 GW RFI SSWP.

Sample analyses were performed by Eurofins Environment Testing (Eurofins), in accordance with the QSM (DoD/DoE, 2023). 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 RESULTS AND DISCUSSION

Groundwater level measurements from monitoring wells in Parcel 3 will be recorded quarterly at FWDA, and they began in November 2025. This Interim Data Summary presents the groundwater level measurements recorded in November 2025. Groundwater elevation data were used to calculate hydraulic gradients and determine groundwater flow direction. Table 3-1 presents the DTW measurements in feet below the top of casing (TOC) the measured elevation of the TOC, and the calculated groundwater elevations in feet above mean sea level using the North American Vertical Datum of 1988 (NAVD88). The November 2025 groundwater elevation map is presented in Figure 3-1.

3.1 GROUNDWATER ELEVATIONS

The water levels measured in Parcel 3 wells reflect shallow potentiometric surfaces. Parcel 3 groundwater elevation contours for November 2025 are shown on Figure 3-1. CMW35 and CMW46 were not used for generating contours due to anomalous groundwater elevations, which were over 60 feet different than the neighboring wells. CMW35 and CMW46 will be evaluated in future groundwater sampling events to verify the potentially anomalous groundwater elevations.

The groundwater elevations in November 2025 ranged from 6,936.44 ft. above mean sea level (amsl) (CMW23) to 7,493.88 ft. amsl (BGMW16). The groundwater flow direction in Parcel 3 is from a potentiometric high in the south toward a potentiometric low in the north.

During this event, the horizontal hydraulic gradient in Parcel 3 ranged from 0.012 ft/ft (between wells CMW40 and CMW47) to 0.096 ft/ft (between wells KMW15B to CMW28B).

3.2 GROUNDWATER ANALYTICAL RESULTS

The laboratory analytical results for the November 2025 sampling event are discussed in the following sections. Values with a "J" notation indicate the reported concentration is below the laboratory's limit of quantitation (LOQ) and/or is estimated due to nonconformances discovered during data validation.

3.2.1 NITRATE AND NITRITE

Nitrate and nitrite were analyzed by EPA Method 9056A. The analytical results are presented in Table 3-2.

Nitrate was detected in 17 of the 30 monitoring wells analyzed in Parcel 3, with concentrations ranging from 0.14 J to 10 mg/L, with one detection equal to the EPA maximum contaminant level (MCL)/New Mexico Water Quality Control Commission (NM WQCC) SL of 10 mg/L (at KMW16).

Nitrite was detected in two out of the 30 monitoring wells analyzed, at concentrations of 0.17 J mg/L and 0.38 J mg/L at wells KMW09 and CMW41, respectively. Nitrite was not detected above the EPA MCL/NM WQCC SL of 1.0 mg/L in any of the groundwater samples collected during this event.

3.2.2 EXPLOSIVES COMPOUNDS

Groundwater samples were analyzed for explosives using EPA Method 8330B. Explosives exceeded the respective SLs in two wells (CMW40 and CMW44) and were only detected in seven wells (BGMW16, CMW26, CMW40, CMW42, CMW44, CMW45, and KMW09). The analytical results are presented in Table 3-3 and Figure 3-2.

3.2.3 PERCHLORATE

Groundwater samples were analyzed for perchlorate by EPA Method 6850. A summary of analytical results is presented in Table 3-4.

Perchlorate was detected in 13 of the 31 monitoring wells analyzed in Parcel 3, with concentrations ranging from 0.11 J to 1.6 µg/L, with no detections exceeding the selected SL of 14 µg/L.

3.2.4 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8260C. No VOCs were detected above their respective SL and were only detected in 5 wells out of 30. The analytical results are presented in Table 3-5.

3.2.5 METALS

Groundwater samples were analyzed for total and dissolved metals concentrations by EPA Methods 6020B, and 7470A. A summary of total metals analytical results is presented in Table 3-6 and a summary of dissolved metals analytical results is presented in Table 3-7.

Total metals including aluminum, arsenic, chromium, iron, lead, manganese, and vanadium were detected in multiple groundwater samples above their respective SLs.

Dissolved arsenic, chromium, iron, manganese, and vanadium were detected in multiple groundwater samples above their respective SLs.

3.2.6 OTHER ORGANIC COMPOUNDS

Groundwater samples were analyzed for semi-volatile organic compounds (SVOCs) using EPA Method 8270D; pesticides using EPA Method 8081B; polychlorinated biphenyls (PCBs) using EPA Method 8082A; and herbicides using 8151A.

The SVOC di-n-octylphthalate was detected in one monitoring well (CMW38) at a concentration of 27 J µg/L. No other SVOCs were detected above the laboratory detection limits. The analytical results are presented in Table 3-8.

Pesticides, PCBs, and herbicides were not detected above laboratory detection limits in samples from any monitoring wells during this sampling event; therefore, results for these analytical methods are not tabulated.

3.3 VARIANCES FROM THE WORK PLAN

Monitoring wells BGMW05, CMW32, CMW35, CMW47, FW24, and KMW13 were dry and could not be sampled during this event. Monitoring wells BGMW05, FW24, and KMW13 were considered dry since measured water levels were less than six inches above the bottom of the well screen. Sampling was attempted at monitoring wells CMW32, CMW35, and CMW47; however, no water was obtained when using a disposable bailer.

Monitoring wells BGMW16 and CMW46 were sampled directly and were not purged due to low water level and extremely slow expected recharge based on historical sampling data.

Due to limited water, BGMW16 was analyzed for PCBs only, and CMW39 was sampled for perchlorate only.

Due to access limitations during the government shutdown, the sampling event was conducted in November 2025 instead of December 2025.

4.0 REFERENCES

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, 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).

Sundance, 2024. Final Parcel 3 Groundwater RCRA Facility Investigation Supplemental Sampling Work Plan, Revision 1.0, Fort Wingate Depot Activity, McKinley County, New Mexico. September 2024.

U.S. Department of Defense/U.S. Department of Energy, 2023. Quality Systems Manual (QSM) for Environmental Laboratories, Version 6. December.

FIGURES



Environmental Excellence

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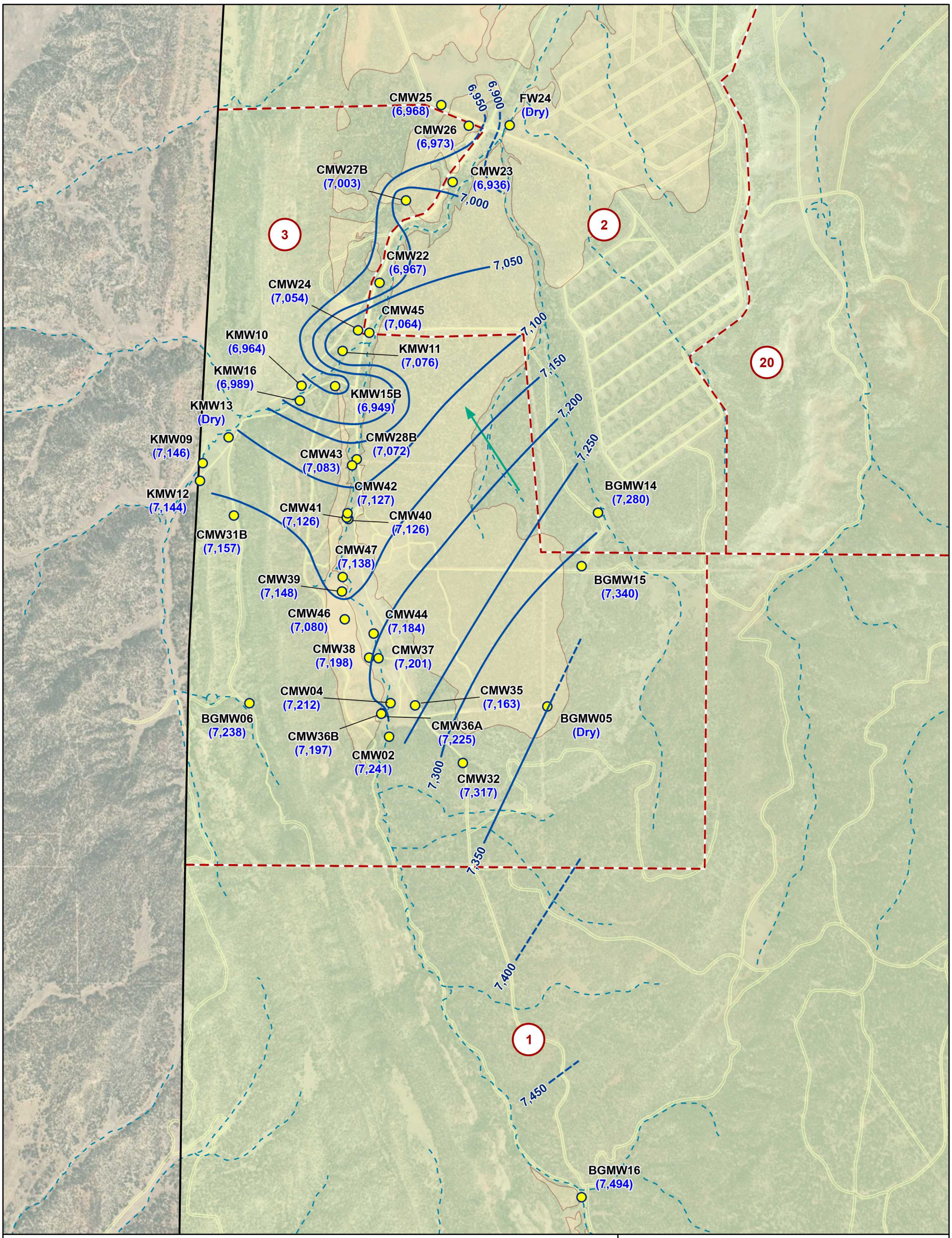
SITE LOCATION MAP

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
1-1



LEGEND

- Monitoring Well
- Arroyo
- Site Roads
- FWDA Parcel
- FWDA Boundary
- Bedrock Outcrop
- GW Flow
- GW Elevation (ft amsl):
  - Actual
  - Inferred

0 1,000 2,000 Feet

N

NOTES & ABBREVIATIONS

1. *Elevations are given in feet above mean sea level (ft amsl) using North American Vertical Datum of 1988 (NAVD88).*
2. *GW = Groundwater*
3. *NM = Not Measured*
4. *CMW35 and CMW46 were not used for generating contours.*
5. *Map reflects water level measurements collected in November 2025.*

Groundwater Elevations in FWDA Parcel 3 Wells - November 2025

Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary - November 2025 Sampling Event

Fort Wingate Depot Activity
McKinley County, New Mexico

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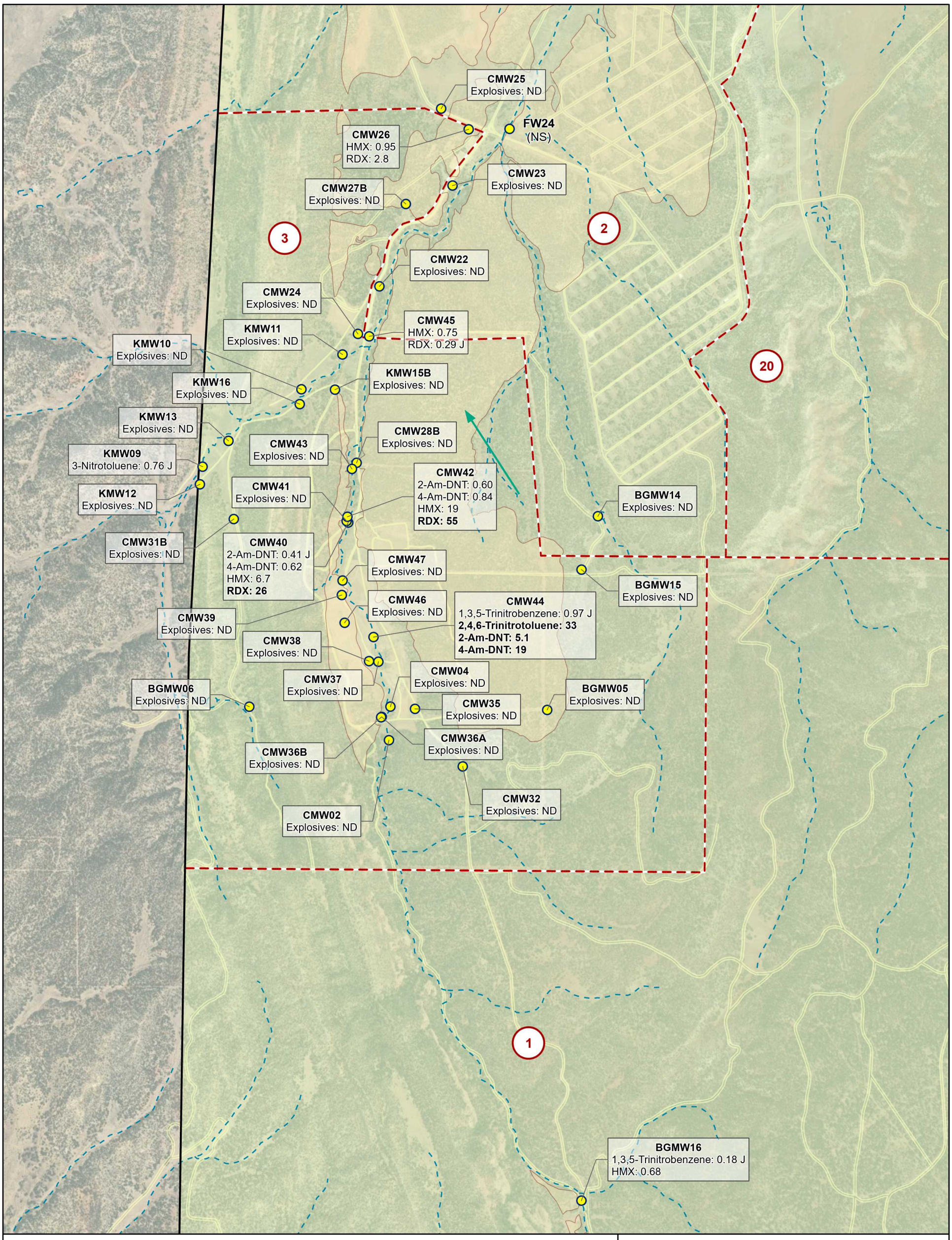
FIGURE
3-1



LEGEND

- Monitoring Well
- Arroyo
- Site Roads
- FWDA Parcel
- FWDA Boundary
- Bedrock Outcrop
- GW Flow

N

0 1,000 2,000 Feet

NOTES & ABBREVIATIONS

1. *HMX = Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine*
2. *RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine*
3. *2-Am-DNT = 2-Amino-4,6-dinitrotoluene*
4. *4-Am-DNT = 4-Amino-2,6-dinitrotoluene*
5. *ND = Not Detected*
6. *NS = Not Sampled*
7. *J = Estimated Value*
8. *Results in **bold** exceed corresponding screening level (SL):*
   SL (RDX) = 9.7 µg/L,
   SL (2,4,6-Trinitrotoluene) = 9.8 µg/L,
   SL (2-Am-DNT) = 1.9 µg/L, SL (4-Am-DNT) = 1.9 µg/L.
9. *Map reflects data collected in November 2025.*

Explosives in FWDA Parcel 3 Wells - November 2025

Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary - November 2025 Sampling Event

Fort Wingate Depot Activity
McKinley County, New Mexico

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FIGURE
3-2

Updated on: 4/10/2026

Project No.: Eco-25-941

TABLES

TABLE 2-1: GROUNDWATER SAMPLING MATRIX
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS									
	VOCs	Perchlorate	Total Metals	Dissolved Metals	SVOCs	Nitrate & Nitrite	Explosives	Herbicides	Pesticides	PCBs
	8260C	6850	6020B/7470A	6020B/7470A	8270D	9056A	8330B/8332	8151A	8081B	8082A
BGMW05	Well was dry and was not sampled.									
BGMW06	x	x	x	x	x	x	x	x	x	x
BGMW14	x	x	x	x	x	x	x	x	x	x
BGMW15	x	x	x	x	x	x	x	x	x	x
BGMW16										x
CMW02	x	x	x	x	x	x	x			
CMW04	x	x	x	x	x	x	x			
CMW22	x	x	x	x	x	x	x			
CMW23	x	x	x	x	x	x	x			
CMW24	x	x	x	x	x	x	x			
CMW25	x	x	x	x	x	x	x			
CMW26	x	x	x	x	x	x	x			
CMW27B	x	x	x	x	x	x	x			
CMW28B	x	x	x	x	x	x	x			
CMW31B	x	x	x	x	x	x	x			
CMW32	Well was dry and was not sampled.									
CMW35	Well was dry and was not sampled.									
CMW36A	x	x	x	x	x	x	x			
CMW36B	x	x	x	x	x	x	x			
CMW37	x	x	x	x	x	x	x			
CMW38	x	x	x	x	x	x	x			
CMW39		x								

TABLE 2-1: GROUNDWATER SAMPLING MATRIX
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS									
	VOCs	Perchlorate	Total Metals	Dissolved Metals	SVOCs	Nitrate & Nitrite	Explosives	Herbicides	Pesticides	PCBs
	8260C	6850	6020B/7470A	6020B/7470A	8270D	9056A	8330B/8332	8151A	8081B	8082A
CMW40	x	x	x	x	x	x	x			
CMW41	x	x	x	x	x	x	x			
CMW42	x	x	x	x	x	x	x			
CMW43	x	x	x	x	x	x	x			
CMW44	x	x	x	x	x	x	x			
CMW45	x	x	x	x	x	x	x			
CMW46	x	x	x	x	x	x	x			
CMW47	Well was dry and was not sampled.									
FW24	Well was dry and was not sampled.									
KMW09	x	x	x	x	x	x	x			
KMW10	x	x	x	x	x	x	x			
KMW11	x	x	x	x	x	x	x			
KMW12	x	x	x	x	x	x	x			
KMW13	Well was dry and was not sampled.									
KMW15B	x	x	x	x	x	x	x			
KMW16	x	x	x	x	x	x	x			

Notes

ID	= identification
PCB	= polychlorinated biphenyl
SVOC	= semi-volatile organic compound
x	= sample is analyzed for the specified method
VOC	= volatile organic compound

TABLE 2-2: STABLE GROUNDWATER PARAMETERS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

WELL ID	PURGED DRY?	PURGE METHOD (PUMP TYPE)	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	DRAWDOWN[a] (ft)
BGMW05	Well was dry and was not purged or sampled									
BGMW06	Yes	Grundfos	11/12/2025	16.51	6.67	9	2.34	300	1.23	N/A
BGMW14	No	Bladder	11/12/2025	18.71	8.86	-127	1.90	257	0.00	0.36
BGMW15	No	Bladder	11/12/2025	12.74	8.56	-157	1.49	97.9	0.00	5.84
BGMW16	No	Bailer	11/12/2025	Bail sample; well was not purged						
CMW02	No	Bladder	11/14/2025	8.70	8.07	181	0.792	95.0	0.00	2.07
CMW04	No	BESST	11/13/2025	14.26	7.63	-175	4.93	5.00	0.27	-0.05
CMW22	Yes	Bailer	11/10/2025	11.18	7.80	112	0.734	>1000	2.76	N/A
CMW23	Yes	Bailer	11/10/2025	12.08	8.26	42	6.82	150	2.04	N/A
CMW24	No	Grundfos	11/17/2025	11.13	8.39	158	2.87	20.4	0.00	N/A
CMW25	No	Bladder	11/11/2025	14.48	8.10	-173	1.08	6.00	0.00	1.76
CMW26	Yes	Grundfos	11/11/2025	14.63	7.55	105	0.920	39.3	0.00	N/A
CMW27B	Yes	Grundfos	11/11/2025	14.46	8.30	28	1.11	0.00	0.00	N/A
CMW28B	Yes	Bailer	11/10/2025	12.37	7.55	-132	3.14	>1000	7.23	N/A
CMW31B	No	Grundfos	11/11/2025	17.31	6.84	34	2.46	808	3.25	N/A
CMW32	Well was dry and was not purged or sampled									
CMW35	Well was dry and was not purged or sampled									
CMW36A	No	Grundfos	11/12/2025	15.87	8.30	-62	0.924	180	1.74	N/A
CMW36B	Yes	Grundfos	11/11/2025	14.20	8.17	-150	1.52	191	0.41	N/A
CMW37	No	Bladder	11/17/2025	9.75	7.36	-103	2.08	19.2	2.97	0.16
CMW38	No	Bladder	11/13/2025	15.86	7.27	76	1.96	927	0.00	0.57
CMW39	Yes	Bailer	11/10/2025	14.30	7.79	152	3.05	0.00	5.44	N/A
CMW40	No	Bladder	11/13/2025	12.98	8.25	-160	1.01	51.5	0.00	1.66

TABLE 2-2: STABLE GROUNDWATER PARAMETERS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

WELL ID	PURGED DRY?	PURGE METHOD (PUMP TYPE)	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	DRAWDOWN[a] (ft)
CMW41	No	Bladder	11/13/2025	15.64	11.10	-101	0.736	55.5	0.00	2.28
CMW42	No	Grundfos	11/17/2025	11.13	7.20	93	0.931	101	2.71	N/A
CMW43	Yes	Bailer	11/10/2025	12.09	7.42	30	6.20	199	7.52	N/A
CMW44	Yes	Bailer	11/10/2025	13.74	7.20	206	3.05	9.80	0.86	N/A
CMW45	No	Bladder	11/11/2025	14.93	8.23	-163	1.24	852	0.00	5.4
CMW46	No	Bailer	11/10/2025	Bail sample; well was not purged						
CMW47	Well was dry and was not purged or sampled									
FW24	Well was dry and was not purged or sampled									
KMW09	No	BESST	11/13/2025	18.70	7.59	-150	3.10	4.00	5.67	1.32
KMW10	Yes	Bailer	11/10/2025	13.47	7.24	144	0.935	85.2	6.59	N/A
KMW11	No	BESST	11/13/2025	11.56	8.01	46	1.08	72.7	1.57	0.39
KMW12	Yes	Bennett	11/14/2025	12.29	6.63	59	3.97	11.9	5.06	N/A
KMW13	Well was dry and was not purged or sampled									
KMW15B	Yes	Bailer	11/10/2025	12.91	7.30	156	6.72	996	1.48	N/A
KMW16	No	Bladder	11/17/2025	11.20	7.35	204	0.758	22.0	2.95	N/A

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

ABBREVIATIONS & ACRONYMS:

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

TABLE 3-1: GROUNDWATER ELEVATIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW05	36 - 56	63.50	7,569.46	Nov-25	Dry	Dry
BGMW06	110 - 130	134.50	7,347.15	Nov-25	109.51	7,237.64
BGMW14	101.5 - 116.5	116.00	7,357.35	Nov-25	77.14	7,280.21
BGMW15	80 - 100	100.00	7,402.53	Nov-25	62.36	7,340.17
BGMW16	35 - 55	55.00	7,545.70	Nov-25	51.82	7,493.88
CMW02	25.0 - 35.0	44.68	7,258.00	Nov-25	17.45	7,240.55
CMW04	115.0 - 135.0	136.60	7,249.08	Nov-25	37.00	7,212.08
CMW22	96.5 - 116.5	123.44	7,081.94	Nov-25	115.40	6,966.54
CMW23	84.0 - 104.0	114.17	7,035.58	Nov-25	99.14	6,936.44
CMW24	230.0 - 260.0	263.41	7,099.68	Nov-25	45.92	7,053.76
CMW25	71.0 - 96.0	99.28	7,007.52	Nov-25	39.08	6,968.44
CMW26	64 - 84	88.90	7,033.98	Nov-25	61.14	6,972.84
CMW27B	63 - 93	97.50	7,072.85	Nov-25	69.52	7,003.33
CMW28B	60 - 80	83.95	7,137.65	Nov-25	65.65	7,072.00
CMW31B	78 - 108	113.55	7,225.06	Nov-25	67.79	7,157.27
CMW32	95 - 115	119.31	7,435.71	Nov-25	118.33	7,317.38
CMW35	95 - 125	129.80	7,290.57	Nov-25	127.41	7,163.16
CMW36A	45 - 65	66.95	7,247.79	Nov-25	22.70	7,225.09
CMW36B	87 - 117	120.50	7,247.99	Nov-25	51.25	7,196.74
CMW37	17 - 27	27.00	7,213.96	Nov-25	12.55	7,201.41
CMW38	20 - 40	40.00	7,234.18	Nov-25	36.52	7,197.66
CMW39	35 - 55	55.00	7,205.37	Nov-25	57.32	7,148.05

TABLE 3-1: GROUNDWATER ELEVATIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
CMW40	40 - 60	60.00	7,150.27	Nov-25	24.02	7,126.25
CMW41	33 - 53	53.00	7,145.87	Nov-25	19.49	7,126.38
CMW42	21 - 41	41.00	7,145.52	Nov-25	18.52	7,127.00
CMW43	36 - 51	51.00	7,131.83	Nov-25	48.61	7,083.22
CMW44	25 - 45	45.00	7,212.83	Nov-25	28.86	7,183.97
CMW45	58 - 73	73.00	7,092.25	Nov-25	28.60	7,063.65
CMW46	135 - 155	155.00	7,229.59	Nov-25	149.12	7,080.47
CMW47	20 - 30	30.00	7,170.93	Nov-25	33.17	7,137.76
FW24	33.5 - 48.5	26.70	6,999.19	Nov-25	Dry	Dry
KMW09	60.0 - 70.0	82.31	7,187.93	Nov-25	41.71	7,146.22
KMW10	158.0 - 168.0	170.48	7,131.38	Nov-25	166.91	6,964.47
KMW11	35.0 - 55.0	64.81	7,108.78	Nov-25	32.48	7,076.30
KMW12	53.0 - 73.0	76.38	7,193.08	Nov-25	49.08	7,144.00
KMW13	32.0 - 52.0	53.90	7,168.46	Nov-25	Dry	Dry
KMW15B	189 - 209	211.13	7,152.63	Nov-25	203.78	6,948.85
KMW16	159 - 199	203.07	7,137.07	Nov-25	148.15	6,988.92

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 3-2: SUMMARY OF NITRATE-NITRITE ANALYTICAL DETECTIONS

Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite
			mg/L	
SL			10	1
BGMW06	BGMW0612112025	11/12/2025	<0.25	<0.25
BGMW14	BGMW1412112025	11/12/2025	<0.25 J	<0.25
BGMW15	BGMW1512112025	11/12/2025	<0.25	<0.25
	BGMW1512112025FDUP03	11/12/2025	<0.25	<0.25
BGMW16	BGMW1612112025	11/12/2025	<0.25 J	<0.25
CMW02	CMW0214112025	11/14/2025	0.78 J-	<0.25
CMW04	CMW0417112025	11/17/2025	0.39 J	<0.25 J
CMW22	CMW2210112025	11/10/2025	<0.25	<0.25
CMW23	CMW2310112025	11/10/2025	<0.25 J	<0.25
CMW24	CMW2417112025	11/17/2025	0.14 J	<0.25
CMW25	CMW2511112025	11/11/2025	<0.25 J	<0.25 J
CMW26	CMW2611112025	11/11/2025	1 J-	<0.25 J
	CMW2611112025FDUP01	11/11/2025	0.99 J-	<0.25 J
CMW27	CMW27B1112025	11/11/2025	0.14 J	<0.25 J
CMW28B	CMW28B10112025	11/10/2025	<0.25 J	<0.25
CMW31B	CMW31B11112025	11/11/2025	<0.25 J	<0.25 J
CMW36A	CMW36A12112025	11/12/2025	0.14 J	<0.25
CMW36B	CMW36B11112025	11/11/2025	<0.25 J	<0.25 J
	CMW36B11112025FDUP02	11/11/2025	<0.25 J	<0.25 J
CMW37	CMW3717112025	11/17/2025	<0.25 J	<0.25
CMW38	CMW3817112025	11/17/2025	0.84 J-	<0.25
CMW40	CMW4017112025	11/17/2025	<0.25 J	<0.25
	CMW4013112025FDUP04	11/17/2025	<0.25 J	<0.25
CMW41	CMW4117112025	11/17/2025	1.3	0.38 J
CMW42	CMW4217112025	11/17/2025	0.67	<0.25
CMW44	CMW4410112025	11/10/2025	0.17 J	<0.25
CMW45	CMW4511112025	11/11/2025	0.93 J-	<0.25 J
CMW46	CMW4610112025	11/10/2025	0.19 J	<0.25
KMW09	KMW0917112025	11/17/2025	0.57	0.17 J
KMW10	KMW1010112025	11/10/2025	9.8	<0.25
KMW11	KMW1117112025	11/17/2025	0.43 J	<0.25
KMW12	KMW1214112025	11/14/2025	<0.25 J	<0.25
KMW15B	KMW15B10112025	11/10/2025	2.6	<0.25
KMW16	KMW1617112025	11/17/2025	**10**	<0.25

NOTES & ABBREVIATIONS:

mg/L	milligrams per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
J-	estimated value with lower bias
–	not established or not applicable
SL	Screening Level
Number	Result exceeds cited (lowest) SL.

TABLE 3-3: SUMMARY OF EXPLOSIVES ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	2,4,6-Trinitrotoluene	2-Am-DNT	3-Nitrotoluene	4-Am-DNT	HMX	RDX
			µg/L						
SL			590	9.8	1.9	1.7	1.9	1,000	9.7
BGMW06	BGMW0612112025	11/12/2025	<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	<0.33
BGMW14	BGMW1412112025	11/12/2025	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30
BGMW15	BGMW1512112025	11/12/2025	<0.31	<0.31	<0.31	<0.61	<0.31	<0.31	<0.31
	BGMW1512112025FDUP03	11/12/2025	<0.31	<0.31	<0.31	<0.61	<0.31	<0.31	<0.31
BGMW16	BGMW1612112025	11/12/2025	0.18 J	<0.33	<0.33	<0.66	<0.33	0.68	<0.33
CMW02	CMW0214112025	11/14/2025	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29
CMW04	CMW0413112025	11/13/2025	<0.30	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30
CMW22	CMW2210112025	11/10/2025	<0.31	<0.31	<0.31	<0.63	<0.31	<0.31	<0.31
CMW23	CMW2310112025	11/10/2025	<0.30	<0.30	<0.30	<0.61	<0.30	<0.30	<0.30
CMW24	CMW2417112025	11/17/2025	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29
CMW25	CMW2511112025	11/11/2025	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29
CMW26	CMW2611112025	11/11/2025	<0.31	<0.31	<0.31	<0.62	<0.31	0.90	2.8
	CMW2611112025FDUP01	11/11/2025	<0.33	<0.33	<0.33	<0.65	<0.33	0.95	2.8
CMW27B	CMW27B11112025	11/11/2025	<0.31	<0.31	<0.31	<0.62	<0.31	<0.31	<0.31
CMW28B	CMW28B10112025	11/10/2025	<0.35	<0.35	<0.35	<0.70	<0.35	<0.35	<0.35
CMW31B	CMW31B11112025	11/11/2025	<0.31	<0.31	<0.31	<0.63	<0.31	<0.31	<0.31
CMW36A	CMW36A12112025	11/12/2025	<0.31	<0.31	<0.31	<0.62	<0.31	<0.31	<0.31
CMW36B	CMW36B11112025	11/11/2025	<0.32	<0.32	<0.32	<0.65	<0.32	<0.32	<0.32
	CMW36B11112025FDUP02	11/11/2025	<0.31	<0.31	<0.31	<0.62	<0.31	<0.31	<0.31
CMW37	CMW3717112025	11/17/2025	<0.31	<0.31	<0.31	<0.61	<0.31	<0.31	<0.31
CMW38	CMW3813112025	11/13/2025	<0.31	<0.31	<0.31	<0.61	<0.31	<0.31	<0.31
CMW40	CMW4013112025	11/13/2025	<0.28	<0.28	0.30 J	<0.56	0.48	5.5	**20**
	CMW4013112025FDUP04	11/13/2025	<0.29	<0.29	0.41 J	<0.57	0.62	6.7	**26**
CMW41	CMW4113112025	11/13/2025	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29
CMW42	CMW4217112025	11/17/2025	<0.31	<0.31	0.60	<0.62	0.84	19	**55**
CMW43	CMW4310112025	11/10/2025	<0.32	<0.32	<0.32	<0.64	<0.32	<0.32	<0.32
CMW44	CMW4410112025	11/10/2025	0.97 J	**33**	**5.1**	<0.62	**19**	<0.31	<0.31
CMW45	CMW4511112025	11/11/2025	<0.31	<0.31	<0.31	<0.62	<0.31	0.75	0.29 J
CMW46	CMW4610112025	11/10/2025	<0.34	<0.34	<0.34	<0.68	<0.34	<0.34	<0.34
KMW09	KMW0913112025	11/13/2025	<0.30	<0.30	<0.30	0.76 J	<0.30	<0.30	<0.30
KMW10	KMW1010112025	11/10/2025	<0.32	<0.32	<0.32	<0.65	<0.32	<0.32	<0.32

TABLE 3-3: SUMMARY OF EXPLOSIVES ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	2,4,6-Trinitrotoluene	2-Am-DNT	3-Nitrotoluene	4-Am-DNT	HMX	RDX
			µg/L						
SL			590	9.8	1.9	1.7	1.9	1,000	9.7
KMW11	KMW1113112025	11/13/2025	<0.32	<0.32	<0.32	<0.64	<0.32	<0.32	<0.32
KMW12	KMW1214112025	11/14/2025	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29
KMW15B	KMW15B10112025	11/10/2025	<0.30	<0.30	<0.30	<0.59	<0.30	<0.30	<0.30
KMW16	KMW1617112025	11/17/2025	<0.29	<0.29	<0.29	<0.59	<0.29	<0.29	<0.29

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
J+	estimated value with upper bias
J-	estimated value with lower bias
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.

2-Am-DNT	2-Amino-4,6-dinitrotoluene
4-Am-DNT	4-Amino-2,6-dinitrotoluene
HMX	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine

TABLE 3-4: SUMMARY OF PERCHLORATE ANALYTICAL DETECTIONS

Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
BGMW14	BGMW1412112025	11/12/2025	<0.10
BGMW15	BGMW1512112025	11/12/2025	<0.10
	BGMW1512112025FDUP03	11/12/2025	<0.10
BGMW16	BGMW1612112025	11/12/2025	<0.10 J
CMW02	CMW0214112025	11/14/2025	0.26
CMW04	CMW0413112025	11/13/2025	<0.10 J
CMW22	CMW2216112025	11/16/2025	<0.10
CMW23	CMW2310112025	11/10/2025	<0.10 J
CMW24	CMW2417112025	11/17/2025	<0.10 J
CMW25	CMW2511112025	11/11/2025	<0.10
CMW26	CMW2611112025	11/11/2025	0.89
	CMW2611112025FDUP01	11/11/2025	0.96
CMW27B	CMW27B11112025	11/11/2025	<0.10
CMW28B	CMW28B16112025	11/16/2025	<0.10 J
CMW31B	CMW31B11112025	11/11/2025	<0.10
CMW36A	CMW36A12112025	11/12/2025	<0.10
CMW36B	CMW36B11112025	11/11/2025	<0.10
	CMW36B11112025FDUP02	11/11/2025	<0.10
CMW37	CMW3717112025	11/17/2025	<0.10 J
CMW38	CMW3813112025	11/13/2025	0.24
CMW39	CMW3913112025	11/13/2025	0.20 J+
CMW40	CMW4013112025	11/13/2025	1.1
	CMW4013112025FDUP04	11/13/2025	1.3
CMW41	CMW4113112025	11/13/2025	1.6
CMW42	CMW4217112025	11/17/2025	0.64
CMW43	CMW4310112025	11/10/2025	0.38 J+
CMW44	CMW4416112025	11/16/2025	<0.10 J
CMW45	CMW4511112025	11/11/2025	0.20
CMW46	CMW4616112025	11/16/2025	<0.10 J
KMW09	KMW0913112025	11/13/2025	<0.10

TABLE 3-4: SUMMARY OF PERCHLORATE ANALYTICAL DETECTIONS

Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
KMW10	KMW1016112025	11/16/2025	1.2 J+
KMW11	KMW1113112025	11/13/2025	1.4
KMW12	KMW1214112025	11/14/2025	<0.10
KMW15B	KMW15B10112025	11/10/2025	0.11 J
KMW16	KMW1617112025	11/17/2025	1.4 J+

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
J+	estimated value with upper bias
J-	estimated value with lower bias
M	manual integrated compound
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

TABLE 3-5: SUMMARY OF VOC ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Acetone	Carbon Disulfide	Tetrachloroethene
			µg/L		
SL			18,000	810	5
BGMW06	BGMW0612112025	11/12/2025	<12	<1.5	<0.75
BGMW14	BGMW1412112025	11/12/2025	11 J	6.0	<0.75
BGMW15	BGMW1512112025	11/12/2025	<12	<1.5	<0.75
	BGMW1512112025FDUP03	11/12/2025	<12	<1.5	<0.75
BGMW16	BGMW1612112025	11/12/2025	<12	<1.5	<0.75
CMW02	CMW0214112025	11/14/2025	<12	<1.5	<0.75
CMW04	CMW0413112025	11/13/2025	<12	<1.5	<0.75
CMW22	CMW2210112025	11/10/2025	<12	<1.5	<0.75
CMW23	CMW2310112025	11/10/2025	<12	<1.5	<0.75
CMW24	CMW2417112025	11/17/2025	<12	<1.5	<0.75
CMW25	CMW2511112025	11/11/2025	<12	<1.5	<0.75
CMW26	CMW2611112025	11/11/2025	<12	<1.5	<0.75
	CMW2611112025FDUP01	11/11/2025	<12	<1.5	<0.75
CMW27B	CMW27B11112025	11/11/2025	<12	<1.5	<0.75
CMW28B	CMW28B10112025	11/10/2025	<12	<1.5	<0.75
CMW31B	CMW31B11112025	11/11/2025	<12	<1.5	<0.75
CMW36A	CMW36A12112025	11/12/2025	<12	<1.5	<0.75
CMW36B	CMW36B11112025	11/11/2025	<12	<1.5	<0.75
	CMW36B11112025FDUP02	11/11/2025	<12	<1.5	<0.75
CMW37	CMW3717112025	11/17/2025	<12	<1.5	<0.75
CMW38	CMW3813112025	11/13/2025	<12	<1.5	<0.75
CMW40	CMW4013112025	11/13/2025	<12	<1.5	<0.75
	CMW4013112025FDUP04	11/13/2025	<12	<1.5	<0.75
CMW41	CMW4113112025	11/13/2025	<12	<1.5	<0.75
CMW42	CMW4217112025	11/17/2025	<12	<1.5	<0.75
CMW44	CMW4410112025	11/10/2025	<12	<1.5	<0.75
CMW45	CMW4511112025	11/11/2025	<12	<1.5	<0.75
CMW46	CMW4610112025	11/10/2025	<12	<1.5	<0.75
KMW09	KMW0913112025	11/13/2025	<12	1.5 J	<0.75
KMW10	KMW1010112025	11/10/2025	<12	<1.5	0.78 J
KMW11	KMW1113112025	11/13/2025	<12	<1.5	3.4
KMW12	KMW1214112025	11/14/2025	<12	<1.5	<0.75
KMW15B	KMW15B10112025	11/10/2025	<12	<1.5	<0.75
KMW16	KMW1617112025	11/17/2025	<12	<1.5	0.79 J

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
Q	one or more quality control criteria failed
–	not established or not applicable
SL	Screening level
Number	Result exceeds cited (lowest) SL.

TABLE 3-6: SUMMARY OF TOTAL METALS ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
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
BGMW06	BGMW0612112025	11/12/2025	**20,000**	1.3 J	9.5	140	1.2	<0.75	310,000	21	7.4	27	**16,000**	12	82,000	190	19	12,000	1.0 J	<0.75	300,000	0.37 J	24	56	<0.15
BGMW14	BGMW1412112025	11/12/2025	1,600	<1.5	5.2	20	<0.75	<0.75	5,700	2.7 J	0.25 J	<1.5	500 J+	0.53 J	800	24	<2.5	1,700	<1.5	<0.75	480,000	<0.75	<4.0	<7.5	<0.15
BGMW15	BGMW1512112025	11/12/2025	3,000	<1.5	2.8	19	<0.75	<0.75	4,700	2.4 J	0.33 J	1.0 J	**1,100**	0.62 J	880	21	1.4 J	890	<1.5	<0.75	360,000	<0.75	6.4	9.4 J	<0.15
	BGMW1512112025FDUP03	11/12/2025	2,400	<1.5	2.6	19	<0.75	<0.75	4,500	1.6 J	0.31 J	<1.5	840	0.57 J	730	21	<2.5	770	<1.5	<0.75	350,000	<0.75	6.2	9.7 J	<0.15
BGMW16	BGMW1612112025	11/12/2025	1,500	<1.5	4.9	800	<0.75	<0.75	140,000	2.3 J	2.7	1.4 J	**1,200**	0.50 J	40,000	120	4.1	14,000	<1.5	<0.75	2,000,000	<0.75	3.1 J	6.1 J	<0.15
CMW02	CMW0214112025	11/14/2025	3,100	<1.5	5.0	80	<0.75	<0.75	14,000	3.2	0.84 J	2.2	**1,500**	1.4	2,500	110	3.2	1,200	2.0	1.2	200,000	<0.75	75	24	<0.15
CMW04	CMW0413112025	11/13/2025	<75	<2.0 J	<1.5	7.3	<0.75	<0.75	43,000	<2.5	<0.75	<1.5	<150	<0.75	5,100 J+	140 J-	<2.5	1,000	<1.5	<0.75	1,200,000	<0.75	<4.0	<7.5	<0.15
CMW22	CMW2210112025	11/10/2025	**31,000**	<1.5	3.6	1,300	3.0	<0.75	73,000	23	8.6	16	**16,000**	**26**	11,000	**1,600**	26	4,600	<1.5	7.2	190,000	<0.75	22	61	0.060 J
CMW23	CMW2310112025	11/10/2025	2,500	0.51 J	3.1	15	<0.75	<0.75	98,000	2.9 J	0.52 J	2.1	**1,000**	1.5	10,000	170	2.7 J	2,300	<1.5	0.38 J	1,400,000	<0.75	8.3	8.2 J	<0.15
CMW24	CMW2417112025	11/17/2025	430	1.2 J	<1.5	28	<0.75	<0.75	7,800	1.2 J	<0.75	1.2 J	240 J+	<0.75	1,300	27	<2.5	1,300	<1.5	<0.75	740,000	<0.75	<4.0	16	<0.15
CMW25	CMW2511112025	11/11/2025	290	<1.5	<1.5	18	<0.75	<0.75	5,300	5.2	0.39 J	<1.5	800	<0.75	890	92	6.2	780	<1.5	1.3	270,000	<0.75	<4.0	240	<0.15
CMW26	CMW2611112025	11/11/2025	4,400	<1.5	2.3	87	0.41 J	<0.75	35,000	5.2	1.4	1.9 J	**3,300**	1.9	7,100	92	3.6	1,700	9.3	<0.75	210,000	<0.75	26	7.6 J	<0.15
	CMW2611112025FDUP01	11/11/2025	4,500	<1.5	2.3	86	0.40 J	<0.75	35,000	5.1	1.5	2.0	**3,600**	1.7	7,100	98	3.9	1,900	9.6	<0.75	220,000	<0.75	25	8.1 J	<0.15
CMW27B	CMW27B11112025	11/11/2025	**30,000**	<1.5	**10**	380	1.3	<0.75	28,000	27	5.8	8.4	**15,000**	12	12,000	**500**	15	6,200	1.1 J	<0.75	300,000	<0.75	**290**	33	<0.15
CMW28B	CMW28B10112025	11/10/2025	**49,000**	0.53 J	9.3	270	2.4	<0.75	36,000	**65**	16	20	**30,000**	**16**	18,000	**410**	39	7,700	<1.5	<0.75	760,000	<0.75	66	67	<0.15
CMW31B	CMW31B11112025	11/11/2025	720 J+	<1.5	1.6 J	24	<0.75	<0.75	200,000	26	4.4	2.4	930	0.57 J	86,000	36	17	8,000 J+	<1.5	0.33 J	150,000	<0.75	<4.0	11	<0.15
CMW36A	CMW36A12112025	11/12/2025	**20,000**	<1.5	9.6	180	1.2	<0.75	51,000	**110**	8.5	9.7	**12,000**	5.9	8,800	**670**	82	5,600	<1.5	<0.75	260,000	<0.75	68	29	<0.15
CMW36B	CMW36B11112025	11/11/2025	1,500	<1.5	3.7	28	<0.75	<0.75	4,000	1.3 J	0.72 J	3.1	960	1.3	1,000	38	1.5 J	950	<1.5	<0.75	430,000	<0.75	16	6.7 J	<0.15
	CMW36B11112025FDUP02	11/11/2025	1,400	<1.5	3.9	28	<0.75	<0.75	4,100	3.6	0.71 J	3.2	**1,100**	1.3	1,000	35	2.7 J	970	<1.5	<0.75	430,000	<0.75	17	6.6 J	<0.15
CMW37	CMW3717112025	11/17/2025	190	0.63 J	7.7	54	<0.75	<0.75	37,000	1.6 J	0.82 J	4.8	**1,900**	<0.75	6,500	**540**	2.0 J	2,000	<1.5	<0.75	550,000	<0.75	1.6 J	17	<0.15
CMW38	CMW3813112025	11/13/2025	**6,000**	<2.0 J	2.9	98	0.37 J	<0.75	39,000	5.1	1.7	3.7	**2,600**	1.3	11,000	99	3.7	1,900	2.4	<0.75	440,000	0.27 J	25	9.5 J	<0.15
CMW40	CMW4013112025	11/13/2025	370	<2.0 J	5.6	28	<0.75	<0.75	5,000	<2.5	<1.0	<1.5	330 J+	<0.75	2,400	42	<2.5	1,100	1.0 J	<0.75	270,000	<0.75	41	<7.5	<0.15
	CMW4013112025FDUP04	11/13/2025	420	<2.0 J	5.6	29	<0.75	<0.75	5,000	<2.5	<1.0	<1.5	340 J+	<0.75	2,400	41	<2.5	1,300	0.97 J	<0.75	270,000	<0.75	44	<7.5	<0.15
CMW41	CMW4113112025	11/13/2025	**5,600**	<2.0 J	**10**	63	<0.75	<0.75	13,000	**64**	1.1 J+	2.8	**2,900**	0.94 J	2,100	24	3.1	2,100	1.4 J	<0.75	130,000	<0.75	**150**	14	<0.15
CMW42	CMW4217112025	11/17/2025	3,300	<1.5	2.0 J+	84	<0.75	<0.75	35,000	47	3.5	9.8	**2,000**	0.67 J	14,000	95	30	2,800	0.73 J	<0.75	190,000	<0.75	37	43	<0.15
CMW44	CMW4410112025	11/10/2025	340	<1.5	2.3	59	<0.75	<0.75	83,000	1.6 J	0.42 J	1.8 J	510	<0.75	14,000	27	1.6 J	2,600	<1.5	<0.75	620,000	<0.75	6.0	<7.5	<0.15
CMW45	CMW4511112025	11/11/2025	**13,000**	<1.5	2.8	160	0.49 J	<0.75	8,900	13	2.9	3.0	**6,600**	3.0	5,900	170	6.1	2,900	1.5 J	<0.75	330,000	<0.75	18	14	<0.15
CMW46	CMW4610112025	11/10/2025	4,600	<1.5	2.2	71	<0.75	<0.75	29,000	4.2	0.98 J	1.2 J	**2,500**	0.97 J	7,200	130	3.0	4,200	<1.5	<0.75	870,000	<0.75	5.0	5.8 J	<0.15
KMW09	KMW0913112025	11/13/2025	360	<1.5	<1.5	14	<0.75	<0.75	200,000	2.8 J	<0.75	<1.5	<200	<0.75	21,000	38	2.4 J	13,000	<1.5	<0.75	630,000	<0.75	<4.0	24	<0.15
KMW10	KMW1010112025	11/10/2025	3,500	0.71 J	2.6	49	<0.75	<0.75	130,000	27	1.9	2.6	**2,100**	1.7	30,000	62	14	3,000	22	0.82 J	48,000	<0.75	11	11	<0.15
KMW11	KMW1113112025	11/13/2025	170	<2.0 J	**16**	31	<0.75	<0.75	5,400	<2.5	<0.75	<1.5	300 J+	<0.75	2,500	3.0 J+	<2.5	510	2.9	1.2	260,000	<0.75	**150**	26	<0.15
KMW12	KMW1214112025	11/14/2025	36 J	<1.5	<1.5	9.3	<0.75	<0.75	210,000	**51**	4.8	1.0 J	**1,300**	<0.75	56,000	**720**	100	13,000	<1.5	0.57 J	680,000	<0.75	<4.0	<7.5	<0.15
KMW15B	KMW15B10112025	11/10/2025	**19,000**	0.94 J	5.4	270	0.72 J	<0.75	130,000	22	5.5	9.1	**14,000**	6.6	35,000	**550**	14	9,100	<1.5	<0.75	1,600,000	<0.75	42	22	<0.15
KMW16	KMW1617112025	11/17/2025	920	1.2 J	<2.0	34	<0.75	<0.75	85,000	6.2	0.40 J	<1.5	**1,300**	0.59 J	28,000	39	3.6	1,900	13	<0.75	42,000	<0.75	5.1	6.2 J	<0.15

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited detection limit
NA	not analyzed
J	estimated value
J+	estimated value with upper bias
J-	estimated value with lower bias
–	not established or not applicable
SL	screening level
Number	result exceeds cited (lowest) SL

TABLE 3-7: SUMMARY OF DISSOLVED METALS ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
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
BGMW06	BGMW0612112025	11/12/2025	<75	0.69 J	<1.5	15	<0.75	<0.75	200,000	<2.5	1.6	<1.5	270	<0.75	76,000	47	9.2	8,200	<1.5	<0.75	310,000	<0.75	<4.0	5.1 J	<0.15
BGMW14	BGMW1412112025	11/12/2025	<75	<1.5	5.3	15	<0.75	<0.75	4,600	<2.5	<0.75	<1.5	<150	<0.75	500	11	<2.5	1,800	<1.5	<0.75	490,000	<0.75	<4.0	<7.5	<0.15
BGMW15	BGMW1512112025	11/12/2025	50 J	<1.5	2.8	11	<0.75	<0.75	3,600	<2.5	<0.75	<1.5	<150	<0.75	350	6.1	<2.5	590	<1.5	<0.75	350,000	<0.75	4.9 J	<7.5	<0.15
	BGMW1512112025FDUP03	11/12/2025	47 J	<1.5	3.0	11	<0.75	<0.75	3,500	<2.5	<0.75	<1.5	<150	<0.75	350	5.7	<2.5	540	<1.5	<0.75	350,000	<0.75	5.8	<7.5	<0.15
BGMW16	BGMW1612112025	11/12/2025	<75	<1.5	4.6	800	<0.75	<0.75	140,000	<2.5	2.2	<1.5	250	<0.75	41,000	100	2.2 J	14,000	<1.5	<0.75	2,000,000	<0.75	<4.0	<7.5	<0.15
CMW02	CMW0214112025	11/14/2025	<75	<1.5	4.8	34	<0.75	<0.75	6,500	<2.5	<0.75	1.6 J	<150	<0.75	1,200	<2.5	<2.5	590	2.1	<0.75	190,000	<0.75	73	<7.5	<0.15
CMW04	CMW0413112025	11/13/2025	<75	<1.5	<1.5	7.6	<0.75	<0.75	45,000	<2.5	<0.75	<1.5	<150	<0.75	5,400 J+	160 J-	<2.5	1,300	<1.5	<0.75	1,300,000	<0.75	<4.0	<7.5	<0.15
CMW22	CMW2210112025	11/10/2025	75 J	<1.5	0.77 J	120	<0.75	<0.75	4,900	<2.5	<0.75	<1.5	<150	<0.75	740	<2.5	<2.5	620	<1.5	<0.75	180,000	<0.75	<4.0	<7.5	<0.15
CMW23	CMW2310112025	11/10/2025	<75	0.52 J	3.2	7.8	<0.75	<0.75	120,000	<2.5	0.33 J	<1.5	<150	<0.75	13,000	190	<2.5	2,500	<1.5	<0.75	1,600,000	<0.75	6.9	<7.5	<0.15
CMW24	CMW2417112025	11/17/2025	<75	0.79 J	<1.5	24	<0.75	<0.75	7,600	<2.5	<0.75	<1.5	<150	<0.75	1,100	<2.5	<2.5	930 J+	<1.5	<0.75	720,000	<0.75	<4.0	6.8 J	<0.15
CMW25	CMW2511112025	11/11/2025	64 J	<1.5	<1.5	15	<0.75	<0.75	5,100	1.8 J	<0.75	<1.5	<150	<0.75	800	2.1 J	1.6 J	830	<1.5	<0.75	290,000	<0.75	<4.0	<7.5	<0.15
CMW26	CMW2611112025	11/11/2025	<75	<1.5	<1.5	44	<0.75	<0.75	31,000	<2.5	<0.75	<1.5	<150	<0.75	5,700	<2.5	<2.5	850	9.7	<0.75	230,000	<0.75	26	<7.5	<0.15
	CMW2611112025FDUP01	11/11/2025	<75	<1.5	0.66 J	46	<0.75	<0.75	30,000	<2.5	<0.75	<1.5	<150	<0.75	5,400	<2.5	<2.5	730	9.6	<0.75	220,000	<0.75	24	<7.5	<0.15
CMW27B	CMW27B11112025	11/11/2025	33 J	<1.5	6.2	35	<0.75	<0.75	2,000	<2.5	<0.75	<1.5	95 J	<0.75	210	3.0	<2.5	190 J	<1.5	<0.75	310,000	<0.75	**250**	<7.5	<0.15
CMW28B	CMW28B10112025	11/10/2025	<75	0.86 J	2.1	8.4	<0.75	<0.75	13,000	<2.5	0.32 J	<1.5	<150	<0.75	2,600	8.6	3.3	1,600	<1.5	<0.75	820,000	<0.75	<4.0	<7.5	<0.15
CMW31B	CMW31B11112025	11/11/2025	<75	<1.5	1.6 J	13	<0.75	<0.75	190,000	<2.5	1.1	<1.5	320	<0.75	87,000	20	11	7,800 J+	<1.5	<0.75	160,000	<0.75	<4.0	6.4 J	<0.15
CMW36A	CMW36A12112025	11/12/2025	<75	<1.5	5.5	17	<0.75	<0.75	1,700	1.0 J	<0.75	<1.5	<150	<0.75	280	3.0	1.0 J	360 J	<1.5	<0.75	250,000	<0.75	12	<7.5	<0.15
CMW36B	CMW36B11112025	11/11/2025	<75	<1.5	3.1	18	<0.75	<0.75	3,800	<2.5	<0.75	<1.5	<150	<0.75	640	7.8	<2.5	520	<1.5	<0.75	420,000	<0.75	13	9.0 J	<0.15
	CMW36B11112025FDUP02	11/11/2025	<75	<1.5	3.4	19	<0.75	<0.75	3,800	<2.5	<0.75	<1.5	<150	<0.75	610	8.0	<2.5	510	<1.5	<0.75	420,000	<0.75	12	<7.5	<0.15
CMW37	CMW3717112025	11/17/2025	<75	<1.5	2.8 J+	42	<0.75	<0.75	32,000	<2.5	0.64 J	<1.5	300	<0.75	5,600	**320**	1.3 J	2,200	<1.5	<0.75	480,000	<0.75	1.5 J	5.5 J	<0.15
CMW38	CMW3813112025	11/13/2025	<75	<1.5	2.2	48	<0.75	<0.75	35,000	<2.5	<0.75	<1.5	200 J+	<0.75	8,000	40	<2.5	1,600	2.4	<0.75	440,000	<0.75	19	5.6 J	<0.15
CMW40	CMW4013112025	11/13/2025	100 J+	<1.5	5.9	25	<0.75	0.26 J	5,500	<2.5	<0.48	1.1 J	86 J	0.67 J	2,400	38	1.2 J	1,200	1.3 J	<0.75	270,000	<0.75	33	<7.5	<0.15
	CMW4013112025FDUP04	11/13/2025	<75	<1.5	5.2	25	<0.75	<0.75	4,400	<2.5	<0.75	<1.5	<150	<0.75	2,200	37	<2.5	1,200	1.1 J	<0.75	270,000	<0.75	37	<7.5	<0.15
CMW41	CMW4113112025	11/13/2025	610 J+	<1.5	8.3	23	<0.75	<0.75	8,500	**67**	<0.75	1.1 J	<150	<0.75	<150	<2.5	<2.5	720	1.9 J	<0.75	130,000	<0.75	**150**	<7.5	<0.15
CMW42	CMW4217112025	11/17/2025	<75	<1.5	2.0 J+	52	<0.75	<0.75	28,000	2.0 J	0.28 J	5.5	<150	<0.75	12,000	7.0	4.3	1,800	<1.5	<0.75	170,000	<0.75	27	41	<0.15
CMW44	CMW4410112025	11/10/2025	30 J	<1.5	2.1	59	<0.75	<0.75	99,000	1.2 J	<0.75	1.2 J	<150	<0.75	16,000	12	1.1 J	2,600	<1.5	<0.75	600,000	<0.75	5.4	<7.5	<0.15
CMW45	CMW4511112025	11/11/2025	<75	<1.5	1.9 J	34	<0.75	<0.75	3,100	<2.5	<0.75	<1.5	<150	<0.75	490	19	<2.5	820	1.7 J	<0.75	340,000	<0.75	2.4 J	<7.5	<0.15
CMW46	CMW4610112025	11/10/2025	<75	<1.5	1.9 J	55	<0.75	<0.75	28,000	<2.5	<0.75	<1.5	<150	<0.75	6,100	86	<2.5	3,500	<1.5	<0.75	960,000	<0.75	<4.0	<7.5	<0.15
KMW09	KMW0913112025	11/13/2025	100 J+	<1.5	<1.5	11	<0.75	<0.75	210,000	<2.5	<0.75	<1.5	<200	<0.75	25,000	58	<2.5	11,000	<1.5	<0.75	550,000	<0.75	<4.0	5.4 J	<0.15
KMW10	KMW1010112025	11/10/2025	<75	<1.5	2.3	17	<0.75	<0.75	120,000	<2.5	<0.75	<1.5	<150	<0.75	28,000	2.9 J	1.1 J	2,000	22	<0.75	47,000	<0.75	7.1	<7.5	<0.15
KMW11	KMW1113112025	11/13/2025	<75	<1.5	**14**	29	<0.75	<0.75	5,100	<2.5	<0.75	<1.5	<150	<0.75	2,600	<2.5	<2.5	710	3.1	<0.75	260,000	<0.75	**140**	<7.5	<0.15
KMW12	KMW1214112025	11/14/2025	<75	<1.5	<1.5	12	<0.75	<0.75	280,000	5.7	7.9	<1.5	**2,400**	<0.75	77,000	**680**	**370**	14,000	<1.5	<0.75	710,000	<0.75	<4.0	6.1 J	<0.15
KMW15B	KMW15B10112025	11/10/2025	<75	<1.5	1.4 J	10	<0.75	<0.75	44,000	<2.5	<0.75	1.6 J	<150	<0.75	23,000	4.2	<2.5	3,500	<1.5	<0.75	1,600,000	<0.75	9.5	11	<0.15
KMW16	KMW1617112025	11/17/2025	<75	0.61 J	<2.0	19	<0.75	<0.75	89,000	<2.5	<0.75	<1.5	<150	<0.75	28,000	<2.5	<2.5	1,500	13	<0.75	44,000	<0.75	3.5 J	<7.5	<0.15

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
J+	estimated value with upper bias
J-	estimated value with lower bias
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

TABLE 3-8: SUMMARY OF SVOC ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene	2-Chlorophenol	2-Methylnaphthalene	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline	4,6-Dinitro-2-methylphenol	4-Bromophenyl-phenylether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl-phenylether	4-Nitroaniline
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SL			1,200	12	46	360	39	2.4	0.49	750	91	30	930	190	91	1.3	38	1.5	–	1,400	3.7	–	38
BGMW06	BGMW0612112025	11/12/2025	<7.9	<7.9	<7.9	<7.9	<20	<7.9	<7.9	<3.0	<7.9	<3.0	<7.9	<7.9	<7.9	<20	<7.9	<39	<7.9	<7.9	<15	<7.9	<7.9
BGMW14	BGMW1412112025	11/12/2025	<16	<16	<16	<16	<40	<16	<16	<6.0	<16	<6.0	<16	<16	<16	<40	<16	<80	<16	<16	<30	<16	<16
BGMW15	BGMW1512112025FDUP03	11/12/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
	BGMW1512112025	11/12/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
BGMW16	BGMW1612112025	11/12/2025	<8.8	<8.8	<8.8	<8.8	<22	<8.8	<8.8	<3.3	<8.8	<3.3	<8.8	<8.8	<8.8	<22	<8.8	<44	<8.8	<8.8	<17	<8.8	<8.8
CMW02	CMW0214112025	11/14/2025	<7.8	<7.8	<7.8	<7.8	<20	<7.8	<7.8	<2.9	<7.8	<2.9	<7.8	<7.8	<7.8	<20	<7.8	<39	<7.8	<7.8	<15	<7.8	<7.8
CMW04	CMW0413112025	11/13/2025	<8.7	<8.7	<8.7	<8.7	<22	<8.7	<8.7	<3.3	<8.7	<3.3	<8.7	<8.7	<8.7	<22	<8.7	<44	<8.7	<8.7	<16	<8.7	<8.7
CMW22	CMW2210112025	11/10/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
CMW23	CMW2310112025	11/10/2025	<7.7	<7.7	<7.7	<7.7	<19	<7.7	<7.7	<2.9	<7.7	<2.9	<7.7	<7.7	<7.7	<19	<7.7	<38	<7.7	<7.7	<14	<7.7	<7.7
CMW24	CMW2417112025	11/17/2025	<7.8	<7.8	<7.8	<7.8	<19	<7.8	<7.8	<2.9	<7.8	<2.9	<7.8	<7.8	<7.8	<19	<7.8	<39	<7.8	<7.8	<15	<7.8	<7.8
CMW25	CMW2511112025	11/11/2025	<7.8	<7.8	<7.8	<7.8	<20	<7.8	<7.8	<2.9	<7.8	<2.9	<7.8	<7.8	<7.8	<20	<7.8	<39	<7.8	<7.8	<15	<7.8	<7.8
CMW26	CMW2611112025	11/11/2025	<8.7	<8.7	<8.7	<8.7	<22	<8.7	<8.7	<3.3	<8.7	<3.3	<8.7	<8.7	<8.7	<22	<8.7	<43	<8.7	<8.7	<16	<8.7	<8.7
	CMW2611112025FDUP01	11/11/2025	<8.6	<8.6	<8.6	<8.6	<22	<8.6	<8.6	<3.2	<8.6	<3.2	<8.6	<8.6	<8.6	<22	<8.6	<43	<8.6	<8.6	<16	<8.6	<8.6
CMW27B	CMW27B11112025	11/11/2025	<8.4	<8.4	<8.4	<8.4	<21	<8.4 J	<8.4 J	<3.1 J	<8.4	<3.1 J	<8.4	<8.4 J	<8.4	<21 J	<8.4 J	<42	<8.4 J	<8.4	<16 J	<8.4 J	<8.4 J
CMW28B	CMW28B10112025	11/10/2025	<80	<80	<80	<80	<200	<80	<80	<30	<80	<30	<80	<80	<80	<200	<80	<400	<80	<80	<150	<80	<80
CMW31B	CMW31B11112025	11/11/2025	<8.4	<8.4	<8.4	<8.4	<21	<8.4	<8.4	<3.1	<8.4	<3.1	<8.4	<8.4	<8.4	<21	<8.4	<42	<8.4	<8.4	<16	<8.4	<8.4
CMW36A	CMW36A12112025	11/12/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
CMW36B	CMW36B11112025	11/11/2025	<8.4	<8.4	<8.4	<8.4	<21	<8.4	<8.4	<3.2	<8.4	<3.2	<8.4	<8.4	<8.4	<21	<8.4	<42	<8.4	<8.4	<16	<8.4	<8.4
	CMW36B11112025FDUP02	11/11/2025	<8.0	<8.0	<8.0	<8.0	<20	<8.0	<8.0	<3.0	<8.0	<3.0	<8.0	<8.0	<8.0	<20	<8.0	<40	<8.0	<8.0	<15	<8.0	<8.0
CMW37	CMW3717112025	11/17/2025	<8.4	<8.4	<8.4	<8.4	<21	<8.4	<8.4	<3.1	<8.4	<3.1	<8.4	<8.4	<8.4	<21	<8.4	<42	<8.4	<8.4	<16	<8.4	<8.4
CMW38	CMW3813112025	11/13/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
CMW40	CMW4013112025	11/13/2025	<7.4	<7.4	<7.4	<7.4	<19	<7.4	<7.4	<2.8	<7.4	<2.8	<7.4	<7.4	<7.4	<19	<7.4	<37	<7.4	<7.4	<14	<7.4	<7.4
	CMW4013112025FDUP04	11/13/2025	<7.4	<7.4	<7.4	<7.4	<18	<7.4	<7.4	<2.8	<7.4	<2.8	<7.4	<7.4	<7.4	<18	<7.4	<37	<7.4	<7.4	<14	<7.4	<7.4
CMW41	CMW4113112025	11/13/2025	<40	<40	<40	<40	<100	<40	<40	<15	<40	<15	<40	<40	<40	<100	<40	<200	<40	<40	<75	<40	<40
CMW42	CMW4217112025	11/17/2025	<8.6	<8.6	<8.6	<8.6	<22	<8.6	<8.6	<3.2	<8.6	<3.2	<8.6	<8.6	<8.6	<22	<8.6	<43	<8.6	<8.6	<16	<8.6	<8.6
CMW44	CMW4410112025	11/10/2025	<16	<16	<16	<16	<40	<16	<16	<6.0	<16	<6.0	<16	<16	<16	<40	<16	<80	<16	<16	<30	<16	<16
CMW45	CMW4511112025	11/11/2025	<8.2	<8.2	<8.2	<8.2	<20	<8.2	<8.2	<3.1	<8.2	<3.1	<8.2	<8.2	<8.2	<20	<8.2	<41	<8.2	<8.2	<15	<8.2	<8.2
CMW46	CMW4610112025	11/10/2025	<80	<80	<80	<80	<200	<80	<80	<30	<80	<30	<80	<80	<80	<200	<80	<400	<80	<80	<150	<80	<80
KMW09	KMW0913112025	11/13/2025	<8.9	<8.9	<8.9	<8.9	<22	<8.9	<8.9	<3.3	<8.9	<3.3	<8.9	<8.9	<8.9	<22	<8.9	<45	<8.9	<8.9	<17	<8.9	<8.9
KMW10	KMW1010112025	11/10/2025	<16	<16	<16	<16	<40	<16	<16	<6.0	<16	<6.0	<16	<16	<16	<40	<16	<80	<16	<16	<30	<16	<16
KMW11	KMW1113112025	11/13/2025	<8.2	<8.2	<8.2	<8.2	<20	<8.2	<8.2	<3.1	<8.2	<3.1	<8.2	<8.2	<8.2	<20	<8.2	<41	<8.2	<8.2	<15	<8.2	<8.2
KMW12	KMW1214112025	11/14/2025	<8.1	<8.1	<8.1	<8.1	<20	<8.1	<8.1	<3.0	<8.1	<3.0	<8.1	<8.1	<8.1	<20	<8.1	<41	<8.1	<8.1	<15	<8.1	<8.1
KMW16	KMW1617112025	11/17/2025	<7.6	<7.6	<7.6	<7.6	<19	<7.6	<7.6	<2.8	<7.6	<2.8	<7.6	<7.6	<7.6	<19	<7.6	<38	<7.6	<7.6	<14	<7.6	<7.6

TABLE 3-8: SUMMARY OF SVOC ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4-Nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Chloroisopropyl)ether	bis(2-Ethylhexyl)phthalate	Butylbenzylphthalate	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Dimethylphthalate	Di-n-butylphthalate	Di-n-octylphthalate
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SL			91	530	–	1,800	0.3	0.2	2.5	–	25	59	0.14	–	6	160	250	0.25	7.9	15,000	15,000	900	200
BGMW06	BGMW0612112025	11/12/2025	<15	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<7.9	<7.9	<7.9	<7.9	<3.0	<3.0	<7.9	<3.0	<3.0	<3.0	<7.9	<7.9
BGMW14	BGMW1412112025	11/12/2025	<30	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<16	<16	<16	<16	<6.0	<6.0	<16	<6.0	<6.0	<6.0	<16	<16
BGMW15	BGMW1512112025FDUP03	11/12/2025	<75	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40	<40	<15	<15	<40	<15	<15	<15	<40	<40
	BGMW1512112025	11/12/2025	<75 J	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40 J	<40	<15	<15	<40	<15	<15	<15	<40	<40
BGMW16	BGMW1612112025	11/12/2025	<17	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<8.8	<8.8	<8.8	<8.8	<3.3	<3.3	<8.8	<3.3	<3.3	<3.3	<8.8	<8.8
CMW02	CMW0214112025	11/14/2025	<15	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<7.8	<7.8	<7.8	<7.8	<2.9	<2.9	<7.8	<2.9	<2.9	<2.9	<7.8	<7.8
CMW04	CMW0413112025	11/13/2025	<16 J	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<8.7	<8.7	<8.7	<8.7	<3.3	<3.3	<8.7	<3.3	<3.3	<3.3	<8.7	<8.7
CMW22	CMW2210112025	11/10/2025	<130 J	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40	<40	<15	<15	<40	<15	<15	<15	<40	<40
CMW23	CMW2310112025	11/10/2025	<14	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<7.7	<7.7	<7.7	<7.7	<2.9	<2.9	<7.7	<2.9	<2.9	<2.9	<7.7	<7.7
CMW24	CMW2417112025	11/17/2025	<15	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<7.8	<7.8	<7.8	<7.8	<2.9	<2.9	<7.8	<2.9	<2.9	<2.9	<7.8	<7.8
CMW25	CMW2511112025	11/11/2025	<15	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<7.8	<7.8	<7.8	<7.8	<2.9	<2.9	<7.8	<2.9	<2.9	<2.9	<7.8	<7.8
CMW26	CMW2611112025	11/11/2025	<16	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<8.7	<8.7	<8.7	<8.7	<3.3	<3.3	<8.7	<3.3	<3.3	<3.3	<8.7	<8.7
	CMW2611112025FDUP01	11/11/2025	<16	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<8.6	<8.6	<8.6	<8.6	<3.2	<3.2	<8.6	<3.2	<3.2	<3.2	<8.6	<8.6
CMW27B	CMW27B11112025	11/11/2025	<16	<3.1 J	<3.1 J	<3.1 J	<3.1 J	<3.1 J	<3.1 J	<3.1 J	<3.1 J	<8.4 J	<8.4 J	<8.4 J	<8.4 J	<3.1 J	<3.1 J	<8.4 J	<3.1 J	<3.1 J	<3.1 J	<8.4 J	<8.4 J
CMW28B	CMW28B10112025	11/10/2025	<250 J	<30	<30	<30	<30	<30	<30	<30	<30	<80	<80	<80	<80	<30	<30	<80	<30	<30	<30	<80	<80
CMW31B	CMW31B11112025	11/11/2025	<16	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<8.4	<8.4	<8.4	<8.4	<3.1	<3.1	<8.4	<3.1	<3.1	<3.1	<8.4	<8.4
CMW36A	CMW36A12112025	11/12/2025	<75	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40	<40	<15	<15	<40	<15	<15	<15	<40	<40
CMW36B	CMW36B11112025	11/11/2025	<16	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<8.4	<8.4	<8.4	<8.4	<3.2	<3.2	<8.4	<3.2	<3.2	<3.2	<8.4	<8.4
	CMW36B11112025FDUP02	11/11/2025	<15	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<8.0	<8.0	<8.0	<8.0	<3.0	<3.0	<8.0	<3.0	<3.0	<3.0	<8.0	<8.0
CMW37	CMW3717112025	11/17/2025	<16	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<8.4	<8.4	<8.4	<8.4	<3.1	<3.1	<8.4	<3.1	<3.1	<3.1	<8.4	<8.4
CMW38	CMW3813112025	11/13/2025	<75 J	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40	<40	<15	<15	<40	<15	<15	<15	<40	27 J
CMW40	CMW4013112025	11/13/2025	<14 J	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<7.4	<7.4	<7.4	<7.4	<2.8	<2.8	<7.4	<2.8	<2.8	<2.8	<7.4	<7.4
	CMW4013112025FDUP04	11/13/2025	<14 J	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<7.4	<7.4	<7.4	<7.4	<2.8	<2.8	<7.4	<2.8	<2.8	<2.8	<7.4	<7.4
CMW41	CMW4113112025	11/13/2025	<75 J	<15	<15	<15	<15	<15	<15	<15	<15	<40	<40	<40	<40	<15	<15	<40	<15	<15	<15	<40	<40
CMW42	CMW4217112025	11/17/2025	<16	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<8.6	<8.6	<8.6	<8.6	<3.2	<3.2	<8.6	<3.2	<3.2	<3.2	<8.6	<8.6
CMW44	CMW4410112025	11/10/2025	<50 J	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<16	<16	<16	<16	<6.0	<6.0	<16	<6.0	<6.0	<6.0	<16	<16
CMW45	CMW4511112025	11/11/2025	<15	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<8.2	<8.2	<8.2	<8.2	<3.1	<3.1	<8.2	<3.1	<3.1	<3.1	<8.2	<8.2
CMW46	CMW4610112025	11/10/2025	<250 J	<30	<30	<30	<30	<30	<30	<30	<30	<80	<80	<80	<80	<30	<30	<80	<30	<30	<30	<80	<80
KMW09	KMW0913112025	11/13/2025	<17 J	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<8.9	<8.9	<8.9	<8.9	<3.3	<3.3	<8.9	<3.3	<3.3	<3.3	<8.9	<8.9
KMW10	KMW1010112025	11/10/2025	<50 J	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<16	<16	<16	<16	<6.0	<6.0	<16	<6.0	<6.0	<6.0	<16	<16
KMW11	KMW1113112025	11/13/2025	<15 J	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<8.2	<8.2	<8.2	<8.2	<3.1	<3.1	<8.2	<3.1	<3.1	<3.1	<8.2	<8.2
KMW12	KMW1214112025	11/14/2025	<15	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<8.1	<8.1	<8.1	<8.1	<3.0	<3.0	<8.1	<3.0	<3.0	<3.0	<8.1	<8.1
KMW16	KMW1617112025	11/17/2025	<14	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<7.6	<7.6	<7.6	<7.6	<2.8	<2.8	<7.6	<2.8	<2.8	<2.8	<7.6	<7.6

TABLE 3-8: SUMMARY OF SVOC ANALYTICAL DETECTIONS
Parcel 3 Groundwater RCRA Facility Investigation
Quarterly Data Summary — November 2025 Sampling Event
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	N-Nitroso-di-n-propylamine	N-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	3/4-Methylphenol [m/p-Cresol]	Caprolactam	Carbazole
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SL			**800**	**290**	**1**	**1.4**	**50**	**3.3**	**2.5**	**780**	**30**	**1.4**	**0.11**	**120**	**1**	**170**	**5**	**120**	**1,900**	**9,900**	**290**
BGMW06	**BGMW0612112025**	**11/12/2025**	<3.0	<3.0	<7.9	<7.9	<39	<7.9	<7.9	<7.9	<3.0	<7.9	<7.9	<7.9	<39	<3.0	<7.9	<7.9	<7.9	<15 J	<3.0
BGMW14	**BGMW1412112025**	**11/12/2025**	<6.0	<6.0	<16	<16	<80	<16	<16	<16	<6.0	<16	<16	<16	<80	<6.0	<16	<16	<16	<30	<6.0
BGMW15	**BGMW1512112025FDUP03**	**11/12/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
	BGMW1512112025	**11/12/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
BGMW16	**BGMW1612112025**	**11/12/2025**	<3.3	<3.3	<8.8	<8.8	<44	<8.8	<8.8	<8.8	<3.3	<8.8	<8.8	<8.8	<44	<3.3	<8.8	<8.8	<8.8	<17 J	<3.3
CMW02	**CMW0214112025**	**11/14/2025**	<2.9	<2.9	<7.8	<7.8	<39	<7.8	<7.8	<7.8	<2.9	<7.8	<7.8	<7.8	<39	<2.9	<7.8	<7.8	<7.8	<15 J	<2.9
CMW04	**CMW0413112025**	**11/13/2025**	<3.3	<3.3	<8.7	<8.7	<44	<8.7 J	<8.7	<8.7	<3.3 J	<8.7	<8.7	<8.7	<44	<3.3	<8.7	<8.7	<8.7	<16	<3.3
CMW22	**CMW2210112025**	**11/10/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
CMW23	**CMW2310112025**	**11/10/2025**	<2.9	<2.9	<7.7	<7.7	<38	<7.7	<7.7	<7.7	<2.9	<7.7	<7.7	<7.7	<38	<2.9	<7.7	<7.7	<7.7	<14 J	<2.9
CMW24	**CMW2417112025**	**11/17/2025**	<2.9	<2.9	<7.8	<7.8	<39	<7.8	<7.8	<7.8	<2.9	<7.8	<7.8	<7.8	<39	<2.9	<7.8	<7.8	<7.8	<15 J	<2.9
CMW25	**CMW2511112025**	**11/11/2025**	<2.9	<2.9	<7.8	<7.8	<39	<7.8	<7.8	<7.8	<2.9	<7.8	<7.8	<7.8	<39	<2.9	<7.8	<7.8	<7.8	<15 J	<2.9
CMW26	**CMW2611112025**	**11/11/2025**	<3.3	<3.3	<8.7	<8.7	<43	<8.7	<8.7	<8.7	<3.3	<8.7	<8.7	<8.7	<43	<3.3	<8.7	<8.7	<8.7	<16 J	<3.3
	CMW2611112025FDUP01	**11/11/2025**	<3.2	<3.2	<8.6	<8.6	<43	<8.6	<8.6	<8.6	<3.2	<8.6	<8.6	<8.6	<43	<3.2	<8.6	<8.6	<8.6	<16 J	<3.2
CMW27B	**CMW27B11112025**	**11/11/2025**	<3.1 J	<3.1 J	<8.4 J	<8.4 J	<42 J	<8.4 J	<8.4 J	<8.4 J	<3.1 J	<8.4 J	<8.4 J	<8.4 J	<42	<3.1 J	<8.4	<8.4 J	<8.4	<16 J	<3.1 J
CMW28B	**CMW28B10112025**	**11/10/2025**	<30	<30	<80	<80	<400	<80	<80	<80	<30	<80	<80	<80	<400	<30	<80	<80	<80	<150	<30
CMW31B	**CMW31B11112025**	**11/11/2025**	<3.1	<3.1	<8.4	<8.4	<42	<8.4	<8.4	<8.4	<3.1	<8.4	<8.4	<8.4	<42	<3.1	<8.4	<8.4	<8.4	<16 J	<3.1
CMW36A	**CMW36A12112025**	**11/12/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
CMW36B	**CMW36B11112025**	**11/11/2025**	<3.2	<3.2	<8.4	<8.4	<42	<8.4	<8.4	<8.4	<3.2	<8.4	<8.4	<8.4	<42	<3.2	<8.4	<8.4	<8.4	<16 J	<3.2
	CMW36B11112025FDUP02	**11/11/2025**	<3.0	<3.0	<8.0	<8.0	<40	<8.0	<8.0	<8.0	<3.0	<8.0	<8.0	<8.0	<40	<3.0	<8.0	<8.0	<8.0	<15 J	<3.0
CMW37	**CMW3717112025**	**11/17/2025**	<3.1	<3.1	<8.4	<8.4	<42	<8.4	<8.4	<8.4	<3.1	<8.4	<8.4	<8.4	<42	<3.1	<8.4	<8.4	<8.4	<16 J	<3.1
CMW38	**CMW3813112025**	**11/13/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
CMW40	**CMW4013112025**	**11/13/2025**	<2.8	<2.8	<7.4	<7.4	<37	<7.4	<7.4	<7.4	<2.8	<7.4	<7.4	<7.4	<37	<2.8	<7.4	<7.4	<7.4	<14	<2.8
	CMW4013112025FDUP04	**11/13/2025**	<2.8	<2.8	<7.4	<7.4	<37	<7.4	<7.4	<7.4	<2.8	<7.4	<7.4	<7.4	<37	<2.8	<7.4	<7.4	<7.4	<14	<2.8
CMW41	**CMW4113112025**	**11/13/2025**	<15	<15	<40	<40	<200	<40	<40	<40	<15	<40	<40	<40	<200	<15	<40	<40	<40	<75	<15
CMW42	**CMW4217112025**	**11/17/2025**	<3.2	<3.2	<8.6	<8.6	<43	<8.6	<8.6	<8.6	<3.2	<8.6	<8.6	<8.6	<43	<3.2	<8.6	<8.6	<8.6	<16 J	<3.2
CMW44	**CMW4410112025**	**11/10/2025**	<6.0	<6.0	<16	<16	<80	<16	<16	<16	<6.0	<16	<16	<16	<80	<6.0	<16	<16	<16	<30	<6.0
CMW45	**CMW4511112025**	**11/11/2025**	<3.1	<3.1	<8.2	<8.2	<41	<8.2	<8.2	<8.2	<3.1	<8.2	<8.2	<8.2	<41	<3.1	<8.2	<8.2	<8.2	<15 J	<3.1
CMW46	**CMW4610112025**	**11/10/2025**	<30	<30	<80	<80	<400	<80	<80	<80	<30	<80	<80	<80	<400	<30	<80	<80	<80	<150	<30
KMW09	**KMW0913112025**	**11/13/2025**	<3.3	<3.3	<8.9	<8.9	<45	<8.9	<8.9	<8.9	<3.3	<8.9	<8.9	<8.9	<45	<3.3	<8.9	<8.9	<8.9	<17	<3.3
KMW10	**KMW1010112025**	**11/10/2025**	<6.0	<6.0	<16	<16	<80	<16	<16	<16	<6.0	<16	<16	<16	<80	<6.0	<16	<16	<16	<30	<6.0
KMW11	**KMW1113112025**	**11/13/2025**	<3.1	<3.1	<8.2	<8.2	<41	<8.2	<8.2	<8.2	<3.1	<8.2	<8.2	<8.2	<41	<3.1	<8.2	<8.2	<8.2	<15	<3.1
KMW12	**KMW1214112025**	**11/14/2025**	<3.0	<3.0	<8.1	<8.1	<41	<8.1	<8.1	<8.1	<3.0	<8.1	<8.1	<8.1	<41	<3.0	<8.1	<8.1	<8.1	<15 J	<3.0
KMW16	**KMW1617112025**	**11/17/2025**	<2.8	<2.8	<7.6	<7.6	<38	<7.6	<7.6	<7.6	<2.8	<7.6	<7.6	<7.6	<38	<2.8	<7.6	<7.6	<7.6	<14 J	<2.8

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
M	manual integrated compound
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

APPENDIX A

FIELD NOTES

TEAM 1



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

WINGATE
PARCEL 3
NOV. 2025

TACOMA, WA, USA
— EST. 1916 —
Rite in the Rain®
DEFYING MOTHER NATURE

Name OA and RA

Address

Phone

Project Parcel 3

MADE USA · RITE GREEN · Archival paper

RiteintheRain.com

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PAGE	REFERENCE	DATE

2 11/11/2025
0855 Team 1 (OA, RA) arrived at Well location CMW25.
This well is located outside gate 209 and it did not need to be clear by UXO.
CMW25 well located ~10 yards away from road and is easy to get to.
Well has a BESST pump inside.
BESST pump removed.
Depth to water 39.08. After removing BESST pump well depth is 71.63. Depth does not match with previous total depth.
1000 start purging well, purge rate was set to 40 ml because water was dropping to fast. Keep same rate of 40 ml during purging
1045 start Sampling, continue Sampling at Same rate of 40 ml
1150 Finished Sampling
Depth to water 44.82.
1225 finished cleaning up, including decon all equipment and bladder pump used inside the well. Moving to new well location.

3
1235 Team 1 arrived at well CMW45, Setting up to purge and sample well using bladder pump.
1247 start purging well, used recommended pump settings, change pump Settings because water was dropping to fast.
1340 start Sampling well.
1435, finished Sampling well. water depth at end of Sampling 39.55.
1500 Finished cleaning up, including decon all equipment and bladder used inside the well.

Scale: 1 square = _____

Scale: 1 square = _____

Rite in the Rain

4

11/12/2025

0935 Team 1 arrived at well BGMW15

1030 Begin sampling

1200 Depart well

1240 Arrive at well BGMW14

1340 Begin sampling

1430 Depart well

Scale: 1 square = _____

11/13/2025

5

0830 Arrive at well CMW40

0925 Start sampling

1015 Depart well

1020 Arrive at well CMW41

1100 Start sampling

1200 Depart well

1310 Arrive at well CMW38

1403 Start sampling

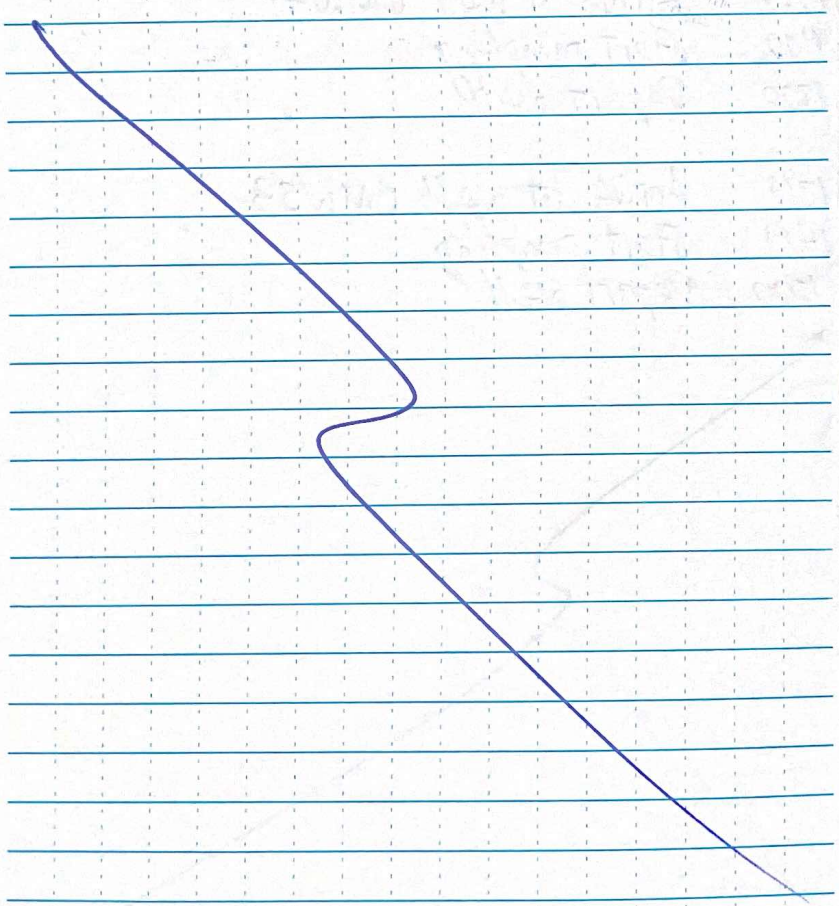
1500 Depart well

Scale: 1 square = _____

Rite in the Rain

11/14/2025

0800 Arrive at well CMW02
0915 Start sampling
1000 Depart well

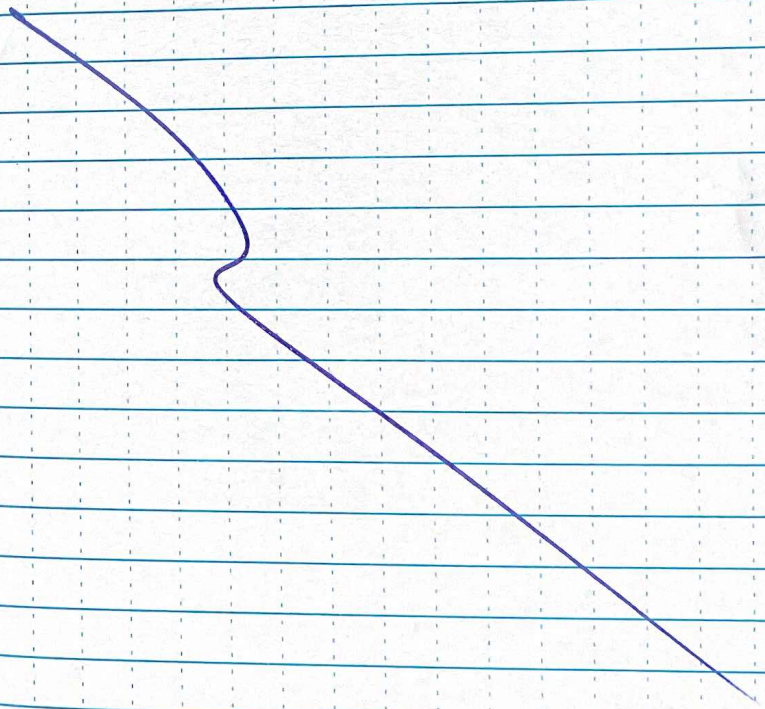


Scale: 1 square = _____

11/17/25

0830 Arrive at well CMW24
0920 Start sampling
0940 Depart well

0950 Arrive at well KMW16
1035 Start sampling
1120 Depart well



Scale: 1 square = _____

Rite in the Rain

TEAM 2



Rite in the Rain®

ALL-WEATHER

UNIVERSAL

№ 371FX

TACOMA, WA, USA
— EST. 1916 —
Rite in the Rain®
— DEFYING MOTHER NATURE —

Name EO & GN

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Phone

Project Parcel 3

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RiteintheRain.com

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11/9/25 EO, GN

0910 Arrived @ CMW-22 Mat cleared a path to well from main road Mat will go clear the other well for Team 1

0912 began mobilizing equipment well ~25' from road cannot back up to well

0925 began purging w/ bailer. DTW @ 115.40 ~~only~~ water clear no odors Total depth 120.02 Soft bottom

0935 well purged dry
0940 began demobilizing equipment
0945 left well ~ 1.5gal purged

0953 Arrived KMW 15B Mat Cleared path to well for UXO's was able to dry to this location. Mat left to take team 1 to their next well

0958 finished set up on well
1000 began purging well initial depth 203.87'

Scale: 1 square = _____

11/9/25 GN, EO

1015 Stainless steel wire for bailer might be too short for this unit will need to extend it

1030 still bailing bailer coming up full

1047 bailer wire extended bailer still coming up full.

1055 purged well dry

1105 began putting away equipment

1113 Arrived @ CMW 28B no need for UXO clearance as its on the side of the road can access w/ truck
1120 began Purging using hand bailer

1215 purged dry 6 gal total

1230 leaving well

1245 Arrived @ CMW 43 Mat Clear a perimeter of UXO's can drive to this well <->

Scale: 1 square = _____

Rite in the Rain

11/9/25 GN/EO

1245 ~/50' off the main road

1255 began purge

1256 Purged dry, 1 gallon purged

1315 Arrived @ CMW-35 Mat cleared area around the perimeter began setting up - can drive up to this well

1319 DTW @ 127.45 TD 127.92 verifiable hard bottom

1330 tried to purge but no water entered bailer even after using multiple bailers - dry well only .5" water

1413 Start going to BGMW06

1430 decided to do CMW47 instead was dry no water captured in bailer

Scale: 1 square =_____

11/10/25 GN EO

0830 Arrived @ CMW27 began setting up equipment to begin Sampling

0835 begin Sampling

0903 demobilized equipment

0907 left well

0912 Arrived @ KMW15B will start setting up equipment to sample

0920 Start sampling

0950 well went dry could not fill up 1L spare amber both & 1/2 for metals non filtered will return later or tomorrow to get samples finish

1007 left well

1010 arrived @ CMW28B

1015 collect sample, have to return to collect Spare 1L amber, well dry

Scale: 1 square =_____

Rite in the Rain

6 11/10/25 GN EB

1055 @ CMW 43

1015 Collected Sample only able to collect 500 mL explosives amber

1130 left well it was dry will rech tomorrow

1430 Arrive CMW 46

1435 began collecting Sample

1205 finished Sampling CMW 46

1216 left well

1400 Arrive @ CMW 36B
Set up Grundfos pump area cleared by Mat was able to drive both trucks to well location

1450 Well went dry, 25 gallons purged

1510 left well

Scale: 1 square =_____

11/11/25 GN EB 7

0835 Arrive @ CMW 26 w// only Sample Team / purged ~~MPS~~ well dry

0840 Start Sampling

0845 Start Fdup01 Sampling

0915 left well

0920 arrive @ CMW 27 B
began setting up equipment for Sampling Mat previously cleared area w/ Team

0950 Concluded Sampling

0955 left well

1000 return to CMW 15B to collect last of the sample
was able to fill up the other ½ of the unfiltered metals bottle bailer only came up w/ ~~35~~ 350 mL of water will try to get more

Scale: 1 square =_____

Rite in the Rain

8 11/11/25 GN EO

1013 only 1 bailer had water 250mL to fill up meter 500mL bottle not enough ea. 1L Sparc amber Sample well went dry

1030 arrived @ CMW36B began setting up Sampling equipment

1035 begin Sampling

1040 begin FDup02 samples

1115 left well

1130 arrived @ CMW46 still did not recharge to get all Samples time retrieving

1250 began purge CMW31B MS/MSp Sample well

1355 Sample time

Scale: 1 square =_____

11/11/25 GN EO 9

1420 left well

1450 arrived @ BGMW06 was able to drive to the well. road is very hard to drive can ~~[illegible]~~ Only drive 4x4

1520 well went dry

1535 left well

11/12/25 GN EO

0845 arrived @ BGMW16 Mat is clearing area of 4X0'

0855 collect Sample was able to fill all priority Samples, all other besides 2 1L ambers & a 1/2 full amber

0915 ~~left~~ Sample labels filled out and COC

0920 left well

1015 arrived @ BGMW06 began setting up

Rite in the Rain

Scale: 1 square =_____

11/12/25 GN, EO

1010 began Sampling

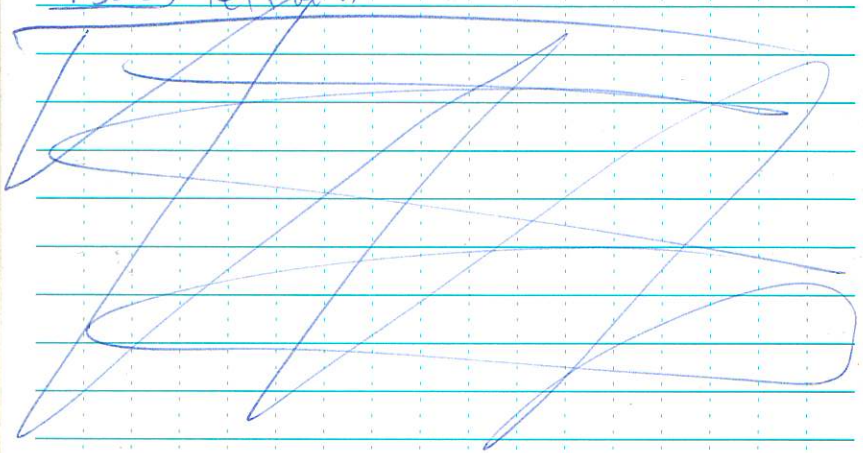
1050 was able to collect all samples left well

1230 arrive @ CMW36

1250 began purge

1340 Start Sampling

1355 left well



Scale: 1 square = _____

11/13/25 GN, EO

0815 arrived @ KMW11 will begin Besst wells today

0820 had to repair air line. Very brittle fell off as soon as it was touched. broke will repair with a temp fitting will need to repair once we return w/ proper quick connect fittings

0845 start purge no previous data will start @ 200 mL/min purge rate & adjust as needed

0855 draw down too much adjusted to 150 mL/min on controll box 5 using 50 psi 40 sec off 4 sec on

0900 no more draw down

0915 start Sampling

0940 left well will need a new lock

0950 Arrived @ CMW04 cannot drive to this location had to walk all equipment to well

Scale: 1 square = _____

Rite in the Rain

12 11/13/25 GN, ED

1005 Start purge on CMW04
On Control box 5 40 sec off 4 sec on w/ 50 psi ~100 mL/min purge rate no drawdown - minimal
MS MSD Sample on this well

1035 Start Sampling

1155 Finished Sampling

1215 left well

1315 Arrived @ CMW02 was able to drive to this well in a RWD Truck Mat cleared area of 4x4

11/14/25 GN, ED

0830 arrived on KMW1R

11/16/25 EO, RA 13

will be collecting 5 perchlorate Samples CMW22, KMW10, CMW28B CMW 44, CMW46,

0805 arrived @ CMW22

0810 Collect sample

0822 left well

0826 arrived @ KMW10

0830 Collect Sample

0845 left well

0846 arrived @ CMW28B

0850 Start Sampling

0857 left well

0902 arrived @ CMW44

0905 collected Sample

Scale: 1 square = _____

Scale: 1 square = _____

Rite in the Rain

14 11/16/25 EO, RA

0912 left well

0913 arrived @ CMW37 to see if a bailer can fit through potentially broken / obstructed well @ ~ 10'

0925 was unsuccessfull in getting a bailer down the well something obstructing ~ 10' possible break in PVC will only be able to purge / sample using a peristaltic pump

0926 left well

0928 arrived @ CMW46

0930 began collecting sample

0940 left well

1000 returned to ECO trailer

Scale: 1 square =_____

11/17/25 GW, EO 15

0850 Arrived @ CMW42 was able to drive into this well location after yesterdays heavy rain w/ 4x4 Truck & Side by side

0855 will use grundfoss to purge this well @ low flow

0930 began Sampling

Scale: 1 square =_____ Rite in the Rain

APPENDIX B

GROUNDWATER SAMPLING
FIELD DATA SHEETS

Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW06**

Client: USACE (W912PP23R0023) Date: 11 / 12 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft):

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): 134.50 Screen (ft): 110 to 130

Purging Date: 11 / 11 /2025 Water Column (ft): 25.85 Midscreen (ft): 120

Sampling Date: 11 / 12 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: 245 - 289 Hz

Color of water: Grey sediment in water Odor: Slight sulfuric smell

Original Sample	Duplicate Sample	MS/ MSD
ID# BGMW06 12 112025 Time 1020	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1500	Start Purging						108.65		0.25	245 Hz
1503	16.73	6.75	1	2.27	220	3.08	113.41			
1506	15.25	6.72	-20	2.30	552	4.07	114.00			
1509	16.29	6.71	-20	2.34	206	3.54	116.21			
1512	17.17	6.69	0	2.33	184	1.30	117.64			
1515	16.51	6.67	9	2.34	300	1.23	123.00			270 Hz
1520	Well Purged Dry							5		289 Hz
11/12/2025										
1020	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/12/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	250 mL Amber	Ice	8081	Eurofins
	1	1 Liter Amber	Ice	8082	Eurofins
	2	40 mL VOA	Ice	8321	Eurofins
11/12/2025	2	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

1 of 1

Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW14**

Client: USACE (W912PP23R0023) Date: 11 / 12 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 77.14

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): 116.00 Screen (ft): 101.5 to 116.5

Purging Date: 11 / 12 /2025 Water Column (ft): 38.86 Midscreen (ft): 109

Sampling Date: 11 / 12 /2025 Recommended Pump Settings: Fill: 15 sec; Discharge: 35 sec

Purge Dry: Yes (No) Field Pump Settings: Discharge time 30 sec, fill time 25 sec Geocontrol PRO # 8070

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# BGMW14/12112025 Time 1340	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1305	Start	Purging					77.14		205 ml/min	
1310	16.67	8.85	-152	1.92	430	0.0	77.50			
1315	16.57	8.90	-145	1.93	374	0.0	77.50			
1320	16.62	8.88	-145	1.95	316	0.0	77.50			
1325	17.36	8.87	-128	1.91	287	0.0	77.50			
1330	16.69	8.87	-126	1.90	266	0.0	77.50			
1335	16.71	8.86	-127	1.90	257	0.0	77.50			
1340	Collected Samples							1.9		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/12/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	250 mL Amber	Ice	8081	Eurofins
	1	1 Liter Amber	Ice	8082	Eurofins
	2	40 mL VOA	Ice	8321	Eurofins
	2	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition

(Good) / Fair / Bad

Comments: Tried recommended settings, but no water came up. Set up settings to get 205 ml/min with water depth stabilizing at 77.50'.

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW15**

Client: USACE (W912PP23R0023) Date: 11 / 12 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 61.22

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): ~~100.00~~ 102.58 Screen (ft): 80 to 100

Purging Date: 11 / 12 /2025 Water Column (ft): 41.36 Midscreen (ft): 90

Sampling Date: 11 / 12 /2025 Recommended Pump Settings: Fill: 15 sec; Discharge: 35 sec

Purge Dry: Yes (No) Field Pump Settings: Discharge time 25 sec. Fill time 20 sec
Geocontrol Pro #8070

Color of water: Gray Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# BGMW15/12112025	Time 1030	ID# FDUP03-112025	Time 1040	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (~~gal~~) L	Purge Rate (gal/m)	Comments
0955	Start	Purging					61.22		100ml	
1000	11.98	8.45	-122	1.52	611	4.14	62.81			
1005	12.14	8.46	-158	1.53	308	0.00	63.76			
1010	12.62	8.45	-164	1.52	154	0.00	64.50			
1015	12.54	8.45	-167	1.52	110	0.00	65.65			
1020	12.60	8.50	-163	1.50	100	0.00	66.94			
1025	12.74	8.56	-157	1.49	97.9	0.00	67.06			
1030	Collected samples							3.5L		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/12/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	250 mL Amber	Ice	8081	Eurofins
	1	1 Liter Amber	Ice	8082	Eurofins
	2	40 mL VOA	Ice	8321	Eurofins
	2	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition: (Good) / Fair / Bad

Comments: Started with recommended pump settings. Purge rate was ~300 ml/min and depth to water was dropping fast. Change settings to get 100 ml/min and water was still dropping. 82.15 water depth.

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW16**

Client: USACE (W912PP23R0023) | Date: 11 / 12 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 51.82

Purging Method: Bailer

Monitoring Method: Horiba U-52 | Well Depth (ft): 55.00 | Screen (ft): 35 to 55

Purging Date: 11 / 12 /2025 | Water Column (ft): 3.18 | Midscreen (ft): 45

Sampling Date: 11 / 12 /2025 | Recommended Pump Settings: N/A

Purge Dry: Yes (No) | Field Pump Settings: N/A

Color of water: Clear | Odor: None

Original Sample ID# BGMW16 12 112025 Time 0855

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0855	Collected Samples						51.82			

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
—	3	40 mL VOA	HCl	8260	Eurofins
—	1	250 mL Amber	Ice	8270	Eurofins
—	1	250 mL Poly	Ice	9056	Eurofins
—	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
—	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
—	1	125 mL Poly	Ice	6850 / 6860	Eurofins
—	1	500 mL Amber	Ice	8330	Eurofins
—	1	250 mL Amber	Ice	8081	Eurofins
11/12/2025	1	1 Liter Amber	Ice	8082	Eurofins
—	2	40 mL VOA	Ice	8321	Eurofins
—	2	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition: (Good) / Fair / Bad

Comments:
- Did not purge; direct sample
- Only ~2.9L of water obtained → priority samples (Only 1 of 3 amber bottles filled)

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW02**

Client: USACE (W912PP23R0023) Date: 11 / 14 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 17.51

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): 44.68 Screen (ft): 25.0 to 35.0

Purging Date: 11 / 14 /2025 Water Column (ft): 6.85 Midscreen (ft): 30.0

Sampling Date: 11 / 14 /2025 Recommended Pump Settings:

Purge Dry: Yes (No) Field Pump Settings: Fill: 20 sec, Discharge: 8 sec

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW02/4112025 Time 0915	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0833	Start	Purging					17.51		95 mL	
0838	—						18.32			
0843	6.50	8.08	143	0.826	445	6.07	18.62			
0848	7.33	8.10	156	0.810	253	0.00	18.88			
0853	7.11	8.08	168	0.824	169	0.00	19.06			
0858	7.79	8.09	174	0.799	124	0.00	19.16			
0903	8.17	8.08	178	0.796	101	0.00	19.30			
0908	8.65	8.08	180	0.793	99.6	0.00	19.44			
0913	8.70	8.07	181	0.792	95.0	0.00	19.58	3L		
0915	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/14/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: CMW04

Client: USACE (W912PP23R0023) — Date: 11 / 13 /2025

Project # Eco-25-941 — Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot — Casing Diameter: 2.0" — Initial Depth-to-Water (ft):

Purging Method: BESST

Monitoring Method: Horiba U-52 — Well Depth (ft): 136.60 — Screen (ft): 115.0 to 135.0

Purging Date: 11 / 13 /2025 — Water Column (ft): 99.49 — Midscreen (ft): 125.0

Sampling Date: 11 / 13 /2025 — Recommended Pump Settings: 50 psi, 40 off, 4 on

Purge Dry: Yes (No) — Field Pump Settings: " " "

Color of water: Clear — Odor: Sulfuric smell

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW04 13 112025 Time 1035	ID# — Time —	(Yes) No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (mL/gal/m)	Comments
1005	Start Purging						37.11		100	
1010	13.89	8.13	-104	4.15	15.8	3.85	37.05			
1015	14.04	7.79	-131	4.73	5.4	1.64	37.05			
1020	14.11	7.61	-169	4.82	8.2	0.82	37.07			
1025	14.12	7.61	-177	4.86	6.1	0.51	37.06			
1030	14.26	7.63	-175	4.93	5.0	0.27	37.06	2.5		
1035	collected samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	8 9	40 mL VOA	HCl	8260	Eurofins
	X 3	250 mL Amber	Ice	8270	Eurofins
	X 3	250 mL Poly	Ice	9056	Eurofins
	X 3	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	X 3	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	X 3	125 mL Poly	Ice	6850 / 6860	Eurofins
	X 3	500 mL Amber	Ice	8330	Eurofins
11/13/2025	X 3	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition
Good / Fair / Bad

1 of 1 .

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW22**

Client:	USACE (W912PP23R0023)	Date:	11 / 10 /2025
Project #	Eco-25-941	Sampling Personnel:	GN, EO
Location: Fort Wingate Army Depot		Casing Diameter: 2.0"	Initial Depth-to-Water (ft): 115.40
Purging Method:	Bailer		
Monitoring Method:	Horiba U-52	Well Depth (ft): ~~123.44~~ 120.62	Screen (ft): 96.5 to 116.5
Purging Date:	11 / 09 /2025	Water Column (ft): 5.22	Midscreen (ft): 106.5
Sampling Date:	11 / 10 /2025	Recommended Pump Settings:	N/A
Purge Dry:	(Yes) No	Field Pump Settings:	N/A

Color of water: Dark gray	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# CMW22 10112025 Time	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0920	Started Purging						115.40		0.10	
0925	10.97	7.77	102	0.768	324	3.33	—			
0928	11.17	7.79	108	0.738	829	2.79	—			
0933	11.18	7.80	112	0.734	>1000	2.76	—			
0935	Well Purged Dry							1.5		
11/10/25										
0835	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
↓	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
11/10/2025	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/16/2025	1	125 mL Poly	Ice	6850 / 6860	Eurofins
11/10/2025	1	500 mL Amber	Ice	8330	Eurofins
11/10/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition
Good / (Fair) / Bad

1 of 1

Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW23**

Client: USACE (W912PP23R0023) Date: 11 / 10 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 99.14

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): ~~114.17~~ 106.50 Screen (ft): 84.0 to 104.0

Purging Date: 11 / 09 /2025 Water Column (ft): 7.36 Midscreen (ft): 94.0

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW23 10112025 Time 0830	ID# – Time –	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0930	Start	Purging					99.14		0.1	
0935	11.57	8.35	113	4.92	35.1	6.53	–			
0940	11.76	8.31	81	5.91	27.0	1.49	–			
0945	11.99	8.23	73	6.15	37.0	2.50	–			
0950	12.08	8.26	42	6.82	150	2.04	–			
1000	Well purged dry						–	~3		
11/10/25										
0830	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW24**

Client: USACE (W912PP23R0023) Date: 11 / 17 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 45.92

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): 263.41 Screen (ft): 230.0 to 260.0

Purging Date: 11 / 17 /2025 Water Column (ft): 217.49 Midscreen (ft): 245.0

Sampling Date: 11 / 17 /2025 Recommended Pump Settings: -

Purge Dry: Yes (No) Field Pump Settings: -

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW24/17112025 Time 0920	ID# - Time -	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total L Purged (gal)	Purge Rate (gal/m)	Comments
0840	start	purging					-		100 ml/min	
0845	10.78	8.38	158	2.87	19.9	0.00	-			
0850	10.96	8.40	158	2.87	21.3	0.00	-			
0855	11.01	8.39	158	2.87	20.1	0.00	-			
0900	10.97	8.40	158	2.88	21.2	0.00	-			
0905	10.98	8.40	158	2.88	21.1	0.00	-			
0910	11.11	8.40	158	2.87	20.3	0.00	-			
0915	11.13	8.39	158	2.87	20.4	0.00	-	3.5 L		
0920	start sampling									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/17/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW25**

Client: USACE (W912PP23R0023) Date: 11/11/2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 39.08

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): ~~99.28~~ 71.63 Screen (ft): 71.0 to 96.0

Purging Date: 11/11/2025 Water Column (ft): 32.55 Midscreen (ft): 83.5

Sampling Date: 11/11/2025 Recommended Pump Settings: -

Purge Dry: Yes (No) Field Pump Settings: Discharge time: 12 sec, Fill time 15 sec Geocontrol Pro #8070

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW25 / 112025 Time 1045	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1000	Start	purging					39.08		40 ml/min	
1015	13.64	8.12	-44	1.09	10.2	0.00	39.68			
1020	13.74	8.06	-41	1.09	9.1	0.00	39.91			
1025	14.04	8.10	-55	1.09	6.6	0.00	40.15			
1030	14.20	8.11	-125	1.09	6.0	0.00	40.40			
1035	14.38	8.10	-164	1.08	6.3	0.00	40.64			
1040	14.48	8.10	-173	1.08	6.0	0.00	40.84	1.6L		
1045	Start	Sampling								

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition

Good / (Fair) / Bad

Comments: BESST Pump was removed and well was purged and sampled with bladder pump. BESST pump was put back inside the well after sampling was completed.

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW26**

Client: USACE (W912PP23R0023) Date: 11 / 11 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 61.14

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): ~~88.90~~ 87.58 Screen (ft): 64 to 84

Purging Date: 11 / 10 /2025 Water Column (ft): 26.44 Midscreen (ft): 74

Sampling Date: 11 / 11 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: 180 – 250 Hz

Color of water: Clear Odor: None

Original Sample ID# CMW26 11 112025 Time 0840

Duplicate Sample ID# FDUP01 - 112025 Time 0845

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1355	Started Purging						61.14			180 Hz
1358	15.12	7.69	89	1.02	177	4.05	69.20			185 Hz
1401	15.02	7.68	95	0.921	65.4	3.27	72.00			190 Hz
1404	14.84	7.60	101	0.912	47.4	0.00	74.50			195 Hz
1407	14.79	7.56	102	0.913	81.2	0.00	77.30			200 Hz
1410	14.57	7.56	103	0.914	59.2	2.68	80.26			205 Hz
1413	14.63	7.55	105	0.920	39.3	0.00	83.73			250 Hz
1414	Well Purged Dry						*	12		* Top of pump
11/11/25										
0840	Collected Samples									
0845	Collected Duplicate Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
↓	1	500 mL Amber	Ice	8330	Eurofins
11/11/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: CMW27B

Client: USACE (W912PP23R0023) | Date: 11 / 11 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 69.52

Purging Method: Grundfos

Monitoring Method: Horiba U-52 | Well Depth (ft): ~~97.50~~ 96.50 | Screen (ft): 63 to 93

Purging Date: 11 / 10 /2025 | Water Column (ft): 26.98 | Midscreen (ft): 78

Sampling Date: 11 / 11 /2025 | Recommended Pump Settings:

Purge Dry: (Yes) No | Field Pump Settings: 185 - 260 Hz

Color of water: Gray | Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW27B 112025 Time	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1505	Started Purging						69.52		0.45	185 Hz
1508	14.75	8.53	35	1.09	218	3.54	73.03			190 Hz
1511	14.53	8.40	10	1.10	553	0.00	75.44			195 Hz
1514	14.47	8.33	19	1.07	914	6.71	78.85			200 Hz
1517	14.36	8.21	31	1.07	325	0.00	82.99			205 Hz
1520	14.30	8.18	36	1.09	0.0	0.00	86.69			210 Hz
1523	14.46	8.30	28	1.11	0.0	0.00	89.90			260 Hz
1525	Well Purged Dry						*	10		* Top of pump

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/11/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW28B**

Client: USACE (W912PP23R0023) Date: 11 / 09 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft):

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): ~~83.95~~ 83.26 Screen (ft): 60 to 80

Purging Date: 11 / 09 /2025 Water Column (ft): 17.54 Midscreen (ft): 70

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: Sulfuric smell

Original Sample **Duplicate Sample** **MS/ MSD**

ID# CMW28B 10 112025 Time 1015 ID# — Time — Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1120	Started Purging						65.72		0.11	
1123	12.78	7.56	-127	3.25	129	7.13	—			
1126	12.23	7.51	-118	3.15	414	7.36	—			
1130	12.23	7.49	-121	3.08	>1000	7.36	—			
1135	14.90	7.52	-106	2.99	540	6.35	—			
1140	13.46	7.53	-117	3.06	339	6.90	—			
1150	12.79	7.55	-128	3.13	317	7.09	—			
1200	12.49	7.54	-119	3.05	>1000	7.45	—			
1205	12.43	7.56	-124	3.14	>1000	7.16	—			
1210	12.37	7.55	-132	3.14	>1000	7.23	—			
1215	Well Purged Dry							6		
11/10/25										
1015	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
11/10/2025	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/16/2025	1	125 mL Poly	Ice	6850 / 6860	Eurofins
11/10/2025	1	500 mL Amber	Ice	8330	Eurofins
11/10/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / (Fair) / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW31B**

Client: USACE (W912PP23R0023) Date: 11 / 11 /2025

Project # Eco-25-941 Sampling Personnel: GN, ED

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 67.69 79

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): 113.55 Screen (ft): 78 to 108

Purging Date: 11 / 11 /2025 Water Column (ft): 45.76 Midscreen (ft): 93

Sampling Date: 11 / 11 /2025 Recommended Pump Settings:

Purge Dry: Yes (No) Field Pump Settings:

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW31B 11 112025 Time 1355	ID# — Time —	(Yes) No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1250	Start Purging						66.16		0.38	
1255	14.29	6.89	-41	2.05	278	1.93				
1300	15.52	6.89	-26	2.00	200	2.00				
1305	16.30	6.88	-16	1.96	130	2.47				
1310	16.35	6.87	-15	1.94	129	2.46				
1315	16.42	6.86	-12	1.93	126	2.44				
1320	16.43	6.85	-10	1.92	126	2.43				
1325	16.52	6.85	-16	2.00	256	2.98				
1330	16.60	6.84	-20	2.10	331	3.80				
1335	16.65	6.83	-37	2.20	648	3.73				
1340	16.74	6.83	-36	2.36	762	3.60				
1345	17.00	6.84	-30	2.40	800	3.39	102.43			
1350	17.31	6.84	-34	2.46	808	3.25	104.36	25		
1355	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	X 9	40 mL VOA	HCl	8260	Eurofins
	X 3	250 mL Amber	Ice	8270	Eurofins
	X 3	250 mL Poly	Ice	9056	Eurofins
	X 3	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	X 3	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	X 3	125 mL Poly	Ice	6850 / 6860	Eurofins
	X 3	500 mL Amber	Ice	8330	Eurofins
11/11/2025	X 3	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW36A**

Client: USACE (W912PP23R0023) Date: 11 / 12 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 22.70

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): 66.95 Screen (ft): 45 to 65

Purging Date: 11 / 12 /2025 Water Column (ft): 44.25 Midscreen (ft): 55

Sampling Date: 11 / 12 /2025 Recommended Pump Settings:

Purge Dry: Yes (No) Field Pump Settings: 125 - 200 Hz

Color of water: Clear Odor: None

Original Sample 1335

ID# CMW36A12 112025 Time ~~1340~~

Duplicate Sample

ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1255	Started Purging						26.12		0.55	125 Hz
1300	14.76	8.23	-83	1.01	201	1.34	31.81			146 Hz
1305	14.47	8.20	-74	0.920	317	1.73	39.57			
1310	14.90	8.18	-51	0.898	191	1.43	41.50			152 Hz
1315	14.82	8.18	-47	0.905	171	1.65	45.71			157 Hz
1320	15.32	8.19	-49	0.914	169	1.57	46.72			164 Hz
1325	15.55	8.27	-57	0.900	162	1.61	47.39			
1330	15.87	8.30	-62	0.924	180	1.74	58.23			
1335	Collected Samples							22		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/12/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/12/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / (Fair) / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW36B**

Client: USACE (W912PP23R0023) | Date: 11 / 10 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 51.25

Purging Method: Grundfos

Monitoring Method: Horiba U-52 | Well Depth (ft): 120.50 | Screen (ft): 87 to 117

Purging Date: 11 / 10 /2025 | Water Column (ft): 69.25 | Midscreen (ft): 102

Sampling Date: 11 / 11 /2025 | Recommended Pump Settings:

Purge Dry: (Yes) No | Field Pump Settings: 200 - 270 Hz

Color of water: Black / gray water then light gray | Odor: Sulfuric smell

Original Sample ID# CMW36B 11112025 Time 1035

Duplicate Sample ID# FDUP02-112025 Time 1040

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1420	Start	Purging					48.56		0.83	200 Hz
1425	13.83	8.21	-114	1.57	290	3.80	70.42			
1430	13.84	8.13	-105	1.43	220	2.02	73.95			205 Hz
1433	14.31	7.95	-74	1.38	77.9	4.36	85.09			220 Hz
1436	14.28	7.94	-65	1.38	56.3	3.80	91.35			
1439	14.28	8.07	-84	1.41	91.6	1.70	99.90			
1442	14.01	8.22	-127	1.44	139	1.06	106.72			270 Hz
1445	14.20	8.17	-150	1.52	191	0.41	110.25			
1450	Well Purged Dry							25		
11/11/2025										
1035	Collected Samples									
1040	Collected Duplicate Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/11/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / (Fair) / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: CMW37

Client: USACE (W912PP23R0023) | Date: 11 / 17 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 12.55

Purging Method: Bladder

Monitoring Method: Horiba U-52 | Well Depth (ft): 27.00 | Screen (ft): 17 to 27

Purging Date: 11 / 17 /2025 | Water Column (ft): 14.45 | Midscreen (ft): 22

Sampling Date: 11 / 17 /2025 | Recommended Pump Settings: | Fill: 5 sec; Discharge: 15 sec

Purge Dry: Yes (No) | Field Pump Settings: 5 sec fill, 15 sec discharge

Color of water: Clear | Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW37 17 112025 Time	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1020	Started Purging						12.55		0.12	
1025	10.29	7.40	-82	1.95	23.6	3.90	12.91			
1030	9.95	7.53	-52	2.01	30.6	3.87	12.89			
1035	10.05	7.40	-101	2.05	19.6	2.96	12.79			
1040	9.80	7.39	-108	2.08	19.5	2.95	12.79			
1045	9.75	7.36	-103	2.08	19.2	2.97	12.71			
1050	Collected Samples							3		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/17/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/17/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

1 of 1

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW38**

Client: USACE (W912PP23R0023) Date: 11 / 13 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 36.35

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): ~~40.00~~ 43.15 Screen (ft): 20 to 40

Purging Date: 11 / 13 /2025 Water Column (ft): 6.80 Midscreen (ft): 30

Sampling Date: 11 / 13 /2025 Recommended Pump Settings: Fill: 5 sec; Discharge: 15 sec

Purge Dry: Yes (No) Field Pump Settings: Discharge time: 10 sec, Fill time: 20 sec

Color of water: Gray Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW38/13112025 Time 1400	ID# – Time –	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged ~~(gal)~~ L	Purge Rate (gal/m)	Comments
1328	Started Sampling						36.35		75 mL/min	
1333	18.09	5.40	52	1.49	710	3.15	36.65			
1338	16.74	7.43	75	1.82	901	0.19	36.73			
1343	16.06	7.29	77	1.93	940	0.00	36.78			
1348	15.89	7.28	76	1.95	942	0.00	36.83			
1353	15.87	7.28	76	1.96	930	0.00	36.88			
1358	15.86	7.27	76	1.96	927	0.00	36.92	2.25 L		
1400	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

1 of 1

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: CMW39

Client: USACE (W912PP23R0023) Date: 11 / 09 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 57.32

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): ~~55.00~~ 58.08 Screen (ft): 35 - 55

Purging Date: 11 / 09 /2025 Water Column (ft): 0.76 Midscreen (ft): 45

Sampling Date: 11 / 10 /2025 Recommended Pump Settings:

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW39 112025 Time 1220	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (~~gal~~ mL)	Purge Rate (~~gal~~ mL/m)	Comments
1500	Started Purging						57.32		50 mL/min	
1506	14.30	7.79	152	3.05	0.0	5.44	—			
1510	Well Purged Dry							500 mL		
11/10/25										
1220	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
~~11/10/2025~~ —	3	40 mL VOA	HCl	8260	Eurofins
—	1	250 mL Amber	Ice	8270	Eurofins
—	1	250 mL Poly	Ice	9056	Eurofins
—	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
—	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/10/2025	1	125 mL Poly	Ice	6850 / 6860	Eurofins
—	1	500 mL Amber	Ice	8330	Eurofins
—	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW40**

Client: USACE (W912PP23R0023) Date: 11 / 13 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 23.84

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): 60.00 Screen (ft): 40 - 60

Purging Date: 11 / 13 /2025 Water Column (ft): 36.16 Midscreen (ft): 50

Sampling Date: 11 / 13 /2025 Recommended Pump Settings: Fill: 10 sec; Discharge: 15 sec

Purge Dry: Yes (No) Field Pump Settings: 10 sec fill, 15 sec discharge

Color of water: Clear Odor: None

Original Sample ID# CMW40 13112025 Time 0925

Duplicate Sample ID# FDUP04-112025 Time 0935

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0853	Started	Purging					23.84		0.05	
0858	12.24	8.52	-915	1.09	203	2.75	24.86			
0903	12.49	8.41	-148	1.06	117	0.00	25.05			
0908	12.67	8.29	-163	1.03	87.0	0.00	25.18			
0913	12.76	8.22	-160	1.02	61.8	0.00	25.38			
0918	12.94	8.24	-157	1.01	49.9	0.00	25.44			
0923	12.98	8.25	-160	1.01	51.5	0.00	25.50			
0925	Collected	samples						1.5		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW41**

Client: USACE (W912PP23R0023) Date: 11 / 13 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 18.84

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): 53.00 Screen (ft): 35.40 to 55.40

Purging Date: 11 / 13 /2025 Water Column (ft): 34.16 Midscreen (ft): 45.40

Sampling Date: 11 / 13 /2025 Recommended Pump Settings: Fill: 20 sec; Discharge: 10 sec

Purge Dry: Yes (No) Field Pump Settings: Discharge time: 9 sec, Fill time: 25 sec

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW41-13112025 Time 1100	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (~~gal~~ L)	Purge Rate (~~gal~~/m mL)	Comments
1025	Started	Purging					18.84		85 ml/min	
1030	14.56	10.84	-99	0.705	107	0.56	19.80			
1035	14.89	11.02	-107	0.712	85.2	0.00	20.08			
1040	14.70	11.10	-110	0.735	68.2	0.00	20.62			
1045	14.81	11.15	-107	0.733	61.9	0.00	20.90			
1050	15.23	11.17	-103	0.732	58.0	0.00	21.16			
1055	15.64	11.10	-101	0.736	55.5	0.00	21.12			
1100	Collected Samples							1.05		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW42**

Client: USACE (W912PP23R0023) Date: 11 / 17 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 18.52

Purging Method: Grundfos

Monitoring Method: Horiba U-52 Well Depth (ft): 41.00 Screen (ft): 21 to 41

Purging Date: 11 / 17 /2025 Water Column (ft): 22.48 Midscreen (ft): 31

Sampling Date: 11 / 17 /2025 Recommended Pump Settings: Fill: 10 sec; Discharge: 15 sec (Bladder)

Purge Dry: Yes (No) Field Pump Settings: 100 Hz (Grundfos)

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW42 17 112025 Time 0930	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0900	Started Purging						18.44		160 mL/min	100 Hz
0905	10.50	7.29	118	1.19	73.4	2.58	18.50			
0910	10.87	7.29	98	0.964	102	2.61	18.60			
0915	11.05	7.24	92	0.944	100	2.64	18.44			
0920	11.27	7.20	90	0.934	102	2.77	18.45			
0925	11.13	7.20	93	0.931	101	2.71	18.53			
0930	Collected samples							4L		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/17/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/17/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW43**

Client: USACE (W912PP23R0023) Date: 11 / 10 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 48.61

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): 51.00 Screen (ft): 36 - 51

Purging Date: 11 / 09 /2025 Water Column (ft): 2.39 Midscreen (ft): 43.5

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample ID# CMW43 10 112025 Time 1110

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1245	Start	Purging					48.60		0.15	
1246	12.77	7.45	19	6.33	382	7.72	—			
1247	12.43	7.45	21	5.96	223	7.60	—			
1249	12.18	7.43	27	6.09	204	7.68	—			
1251	12.09	7.42	30	6.20	199	7.52	—			
1252	Well Purged Dry							1		
11/10/25										
1110	Collected samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/10/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW44**

Client: USACE (W912PP23R0023) Date: 11 / 10 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 28.86

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): 45.00 Screen (ft): 25 - 45

Purging Date: 11 / 09 /2025 Water Column (ft): 16.14 Midscreen (ft): 35

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample ID# CMW44/0112025 Time 1025

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1255	Started	Purging					28.86		0.18	
1300	15.68	7.18	255	2.88	2.3	0.00	—			
1305	14.72	7.12	248	2.93	7.5	0.00	—			
1310	14.28	7.06	240	2.99	8.0	0.00	—			
1315	14.20	7.12	233	2.97	8.9	0.00	—			
1320	13.89	7.12	223	3.04	9.0	0.00	—			
1325	14.08	7.11	219	3.03	10.6	0.00	—			
1330	13.74	7.20	206	3.05	9.8	0.86	—			
1400,	Purged	well dry						12		
11/10/2025										
1025	Collected	Samples								

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/16/2025	1	125 mL Poly	Ice	6850 / 6860	Eurofins
11/10/2025	1	500 mL Amber	Ice	8330	Eurofins
↓	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW45**

Client: USACE (W912PP23R0023) Date: 11 / 11 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 28.80

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 Well Depth (ft): ~~73.00~~ 75.64 Screen (ft): 58 - 73

Purging Date: 11 / 11 /2025 Water Column (ft): 46.84 Midscreen (ft): 65.5

Sampling Date: 11 / 11 /2025 Recommended Pump Settings: Fill: 10 sec; Discharge: 20 sec

Purge Dry: Yes (No) Field Pump Settings: Discharge time: 15 sec, Fill time: 15 sec
Geocontrol Pro# 8070

Color of water: Gray Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# CMW45 11112025 Time 1340	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1247	Started Purging						28.80		100 ml/min	
1310	14.79	8.30	-165	1.24	0.0	0.00	30.78			
1315	14.80	8.30	-168	1.25	>1000	0.00	31.43			
1320	15.19	8.28	-165	1.24	>1000	0.00	32.28			
1325	15.24	8.24	-164	1.25	998	0.00	32.68			
1330	15.01	8.21	-163	1.25	853	0.00	33.52			
1335	14.93	8.23	-163	1.24	852	0.00	34.20			
1340	Collected Samples							4.8L		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/11/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition
(Good) / Fair / Bad

Comments: Started with recommended pump settings but was too fast. Water was dropping and purge rate was ~250 ml/min. Keep changing until rate went down to 100 ml/min. Depth to water at end of sampling was 39.55.

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **CMW46**

Client: USACE (W912PP23R0023) Date: 11 / 10 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 149.12

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): 155.00 Screen (ft): 135 - 155

Purging Date: — / — /2025 Water Column (ft): 5.88 Midscreen (ft): 145

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: Yes (No) Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample ID# CMW4610112025 Time 1135

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1135	Collected samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
↓	1	250 mL Poly	Ice	9056	Eurofins
↓	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
11/10/2025	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/16/2025	1	125 mL Poly	Ice	6850 / 6860	Eurofins
11/10/2025	1	500 mL Amber	Ice	8330	Eurofins
11/10/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments: Not purged; direct sample

Well Cap and casing condition
(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: KMW09

Client: USACE (W912PP23R0023) | Date: 11 / 13 /2025

Project # Eco-25-941 | Sampling Personnel:

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 41.79

Purging Method: BESST

Monitoring Method: Horiba U-52 | Well Depth (ft): 82.31 | Screen (ft): 60.0 to 70.0

Purging Date: 11 / 13 /2025 | Water Column (ft): 40.52 | Midscreen (ft): 65.0

Sampling Date: 11 / 13 /2025 | Recommended Pump Settings:

Purge Dry: Yes (No) | Field Pump Settings: 50 psi, 50 sec off, 3 sec on

Color of water: Clear | Odor: Sulfuric smell

Original Sample	Duplicate Sample	MS/ MSD
ID# KMW09 13112025 Time	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal/L)	Purge Rate (gal/m / mL)	Comments
1350	Started Purging						41.79		100 mL/min	
1355	18.81	7.69	-126	3.26	7.08	6.18	42.35			
1400	18.54	7.66	-137	3.20	6.41	6.41	42.59		70 mL/min	
1405	18.30	7.63	-143	3.14	4.50	5.96	42.80			
1410	18.50	7.60	-148	3.10	4.30	5.96	42.99			
1415	18.70	7.59	-150	3.10	4.00	5.67	43.11			
1420	Collected Samples							0.48		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/13/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments: Very low flow

Well Cap and casing condition

Good / Fair / (Bad)

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **KMW10**

Client: USACE (W912PP23R0023) Date: 11 / 10 /2025

Project # Eco-25-941 Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 166.91

Purging Method: Bailer

Monitoring Method: Horiba U-52 Well Depth (ft): ~~170.48~~ 70.97 Screen (ft): ~~158.0 to 168.0~~ 60.97 - 70.97

Purging Date: 11 / 09 /2025 Water Column (ft): 4.06 Midscreen (ft): 163.0

Sampling Date: 11 / 10 /2025 Recommended Pump Settings: N/A

Purge Dry: (Yes) No Field Pump Settings: N/A

Color of water: Clear Odor: None

Original Sample ID# KMW10 /10112025 Time 0925

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged ~~(gal)~~	Purge Rate (gal/m)	Comments
1035	Started Purging						166.91		48 ml/min	
1040	13.19	7.22	138	0.986	97.4	7.62	—			
1045	13.41	7.24	141	0.927	152	6.21	—			
1050	13.31	7.26	142	0.923	96.8	6.31	—			
1055	13.27	7.22	145	0.929	61.3	7.80	—			
1100	13.47	7.24	144	0.935	85.2	6.59	—			
1120	Well purged dry							5L		
11/10/25										
0925	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/25	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
↓	1	250 mL Poly	Ice	9056	Eurofins
↓	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
↓	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
11/16/25	1	125 mL Poly	Ice	6850 / 6860	Eurofins
11/10/25	1	500 mL Amber	Ice	8330	Eurofins
↓	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

(Good) / Fair / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: KMW11

Client: USACE (W912PP23R0023) | Date: 11 / 13 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 32.56

Purging Method: BESST

Monitoring Method: Horiba U-52 | Well Depth (ft): 64.81 | Screen (ft): 35.0 to 55.0

Purging Date: 11 / 13 /2025 | Water Column (ft): 32.25 | Midscreen (ft): 45.0

Sampling Date: 11 / 13 /2025 | Recommended Pump Settings:

Purge Dry: Yes (No) | Field Pump Settings: 50 psi, 40 sec off, 4 sec on

Color of water: Clear | Odor: None

Original Sample ID# KMW11 13112025 Time

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0845	Started Purging						32.56		200	
0850	10.92	7.94	6	1.09	97.5	2.79	32.89		150	
0855	11.33	7.99	25	1.08	81.5	1.57	32.95			
0900	11.33	7.98	34	1.09	79.3	1.55	32.95			
0905	11.51	8.00	40	1.09	78.4	1.53	32.95			
0910	11.56	8.01	46	1.08	72.7	1.57	32.95			
0915	Collected Samples							3.95		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/13/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/13/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments: - Brittle airline fitting
- Lock rusted on well cap

Well Cap and casing condition
Good / Fair / (Bad)

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: KMW12

Client: USACE (W912PP23R0023) Date: 11 / 13 /2025

Project # Eco-25-941 Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot Casing Diameter: 2.0" Initial Depth-to-Water (ft): 49.10

Purging Method: ~~Benett~~ Bennett

Monitoring Method: Horiba U-52 Well Depth (ft): 76.38 Screen (ft): 53.0 to 73.0

Purging Date: 11 / 13 /2025 Water Column (ft): Midscreen (ft): 63.0

Sampling Date: ~~11 / 13 /2025~~ 11/14/2025 Recommended Pump Settings:

Purge Dry: (Yes) No Field Pump Settings: 50 - 60 psi

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# KMW12 14112025 Time 1315	ID# — Time —	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0835	Started Purging						49.10		0.23	50 psi
0840	12.26	6.63	25	4.17	10.6	0.95	55.10			
0845	12.06	6.78	38	4.10	19.2	0.80	57.35			55 psi
0850	11.91	6.95	35	4.03	12.3	1.50	58.01			
0855	12.00	6.64	43	4.12	10.5	0.88	61.90			60 psi
0905	12.20	6.61	59	4.13	13.8	0.75	65.20			55 psi
0915	12.51	6.62	61	4.13	11.5	0.60	65.20			
0955	12.29	6.63	59	3.97	11.9	5.06	68.25			
1010	Well Purged Dry							22		
11/14/2025										
1315	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/14/2025	3	40 mL VOA	HCl	8260	Eurofins
↓	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
↓	1	500 mL Amber	Ice	8330	Eurofins
11/14/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Well Cap and casing condition: Good / (Fair) / Bad

Comments: - At the lowest psi possible for Bennett to purge well; cannot recharge to obtain 3 well volumes

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: KMW15B

Client: USACE (W912PP23R0023) | Date: 11 / 10 /2025

Project # Eco-25-941 | Sampling Personnel: GN, EO

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 203.87

Purging Method: Bailer

Monitoring Method: Horiba U-52 | Well Depth (ft): ~~211.13~~ 213.35 | Screen (ft): 189 to 209

Purging Date: 11 / 09/2025 | Water Column (ft): 9.48 | Midscreen (ft): 199

Sampling Date: 11 / 10 /2025 | Recommended Pump Settings: N/A

Purge Dry: (Yes) No | Field Pump Settings: N/A

Color of water: Clear | Odor: None

Original Sample ID# KMW15B 10112025 Time 0920

Duplicate Sample ID# — Time —

MS/ MSD Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1000	Started Purging						203.87		0.04	
1005	11.90	7.24	156	6.46	79.5	2.01	—			
1010	11.81	7.12	164	3.43	325	2.93	—			
1015	12.10	6.47	214	4.00	791	2.60	—			
1028	12.32	7.29	161	6.69	827	2.47	—			
1047	12.91	7.30	156	6.72	996	1.48	—			
1055	Well Purged Dry							2		
11/10/2025										
0920	Collected Samples									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/10/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
11/10/2025	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / (Fair) / Bad

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Environmental Excellence

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **KMW16**

Client: USACE (W912PP23R0023) | Date: 11 / 17 /2025

Project # Eco-25-941 | Sampling Personnel: OA, RA

Location: Fort Wingate Army Depot | Casing Diameter: 2.0" | Initial Depth-to-Water (ft): 148.15

Purging Method: Bladder Pump

Monitoring Method: Horiba U-52 | Well Depth (ft): 203.07 | Screen (ft): 159 to 199

Purging Date: 11 / 17 /2025 | Water Column (ft): 54.92 | Midscreen (ft): 179

Sampling Date: 11 / 17 /2025 | Recommended Pump Settings: –

Purge Dry: Yes (No) | Field Pump Settings: –

Color of water: Clear | Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# KMW16 17112025 Time 1035	ID# – Time –	Yes (No)

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (~~gal~~ L)	Purge Rate (~~gal/m~~ mL)	Comments
1000	Started	purging					148.15		100 ml/min	
1005	11.19	7.37	216	0.829	20.9	4.89	–			
1010	10.93	7.40	211	0.793	19.7	3.41	–			
1015	11.05	7.36	206	0.789	22.7	3.06	–			
1020	11.11	7.35	204	0.781	22.5	2.99	–			
1025	11.15	7.35	203	0.777	21.9	2.94	–			
1030	11.20	7.35	204	0.798	22.0	2.95	–			
1035	Started	sampling						3L		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
11/17/2025	3	40 mL VOA	HCl	8260	Eurofins
	1	250 mL Amber	Ice	8270	Eurofins
	1	250 mL Poly	Ice	9056	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Dis)	Eurofins
	1	500 mL Poly	HNO_3	6010/6020/7470 (Tot)	Eurofins
	1	125 mL Poly	Ice	6850 / 6860	Eurofins
	1	500 mL Amber	Ice	8330	Eurofins
	1	1 Liter Amber	Ice	Spare	Eurofins

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition

Good / Fair / Bad

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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: Appendix D-2 is provided as a separate file on CD.

APPENDIX D-2

EUROFINS ELECTRONIC DATA DELIVERABLES