DATA VALIDATION SUMMARY REPORT

for Samples Collected During

Groundwater Monitoring

Fort Wingate Depot Activity

McKinley County, New Mexico

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Parsons – Austin

INTRODUCTION

The following data validation summary report covers thirty-four (34) water samples, and associated field quality control (QC) samples collected on October 7 and 8, 2024, at Fort Wingate Depot Activity (FWDA), located in McKinley County, New Mexico. The samples were logged under Sample Delivery Group (SDG) 280-197749.

The samples in this SDG were analyzed for the following parameters: orthophosphate as P by EPA Method 365.1, anions by U.S. EPA Method 9056A, volatile organic compounds (VOCs) by U.S. EPA Method 8260D, semivolatile organic compounds (SVOCs) by U.S. EPA Method 8270E, total petroleum hydrocarbons-gasoline/diesel/oil range organics (TPH-GRO/DRO/ORO) by U.S. EPA Method 8015D, pesticides by U.S.EPA Method 8081B, polychlorinated biphenyls (PCBs) by U.S. EPA Method 8082A, explosives by EPA Method 8330B, perchlorate by EPA Method 6850, herbicides by U.S. EPA Method 8321B, metals (total and dissolved) by U.S. EPA Method 6020B and mercury (total and dissolved) by U.S. EPA Method 7470A.

All samples were collected by Eco & Associates, Inc. (ECO) and were submitted for analysis to Eurofins Environmental Testing America (EETA) Denver located in Arvada, Colorado. All containers were received by EETA at temperatures within the required temperature range of 0.1 to 6.0º Celsius. All containers were received at the laboratory in good condition. It should be noted that the temperature blank in one of the sample coolers was received frozen, as such, a field sample was used to verify the cooler temperature.

All samples were prepared and analyzed following the procedures outlined in the project-specific Uniform Federal Policy - Quality Assurance Project Plan (UFP-QAPP) and the Department of Defense (DoD) Quality Systems Manual (QSM) Version 5.4. The following table details the samples included in this SDG discussed in this report and the analytical parameters performed.

SAMPLE IDS AND REQUESTED PARAMETERS

Client Sample ID	Laboratory Sample ID	Matrix	Parameter
FDUP07102024 (Field Duplicate of MW33102024)	280-197749-1	Water	V, S, M, P, TPH, E
MW33102024	280-197749-2	Water	V, S, M, P, TPH, E
TMW28102024	280-197749-3	Water	V, M
MW27102024	280-197749-4	Water	V, S, M, P, TPH, E
MW26102024	280-197749-5	Water	V, S, M, P, TPH, E
MW34102024	280-197749-6	Water	V, S, M, P, TPH, E
MW36D102024	280-197749-7	Water	V, S, M, P, TPH, E
TMW39S102024	280-197749-8	Water	V, S, M, P
TMW17102024	280-197749-9	Water	V, M, P
MW36S102024	280-197749-10	Water	V, S, M, P, TPH, E
TMW61102024	280-197749-11	Water	V, S, M, P, TPH, E
FDUP08-102024 (Field Duplicate of TMW17102024)	280-197749-12	Water	V, M, P
TMW57102024	280-197749-13	Water	V, S, M, P, TPH, E
TMW59102024	280-197749-14	Water	V, S, M, P, TPH, E
TMW53102024	280-197749-15	Water	V, S, M, P, TPH, E
TMW49102024	280-197749-16	Water	V, S, M, P, E
FW31102024	280-197749-17	Water	V, M
TMW03102024	280-197749-18	Water	A, O
MW30102024	280-197749-19	Water	A, O
TMW13102024	280-197749-20	Water	A, O
TMW24102024	280-197749-21	Water	A, O
TMW31D102024	280-197749-22	Water	A, O
BGMW13S102024	280-197749-23	Water	A, O
BGMW13D102024	280-197749-24	Water	A, O
FDUP10-102024 (Field Duplicate of BGMW13S102024)	280-197749-25	Water	A, O
MW39102024	280-197749-26	Water	A, O
TMW45102024	280-197749-27	Water	A, O
MW31102024	280-197749-28	Water	A, O
TMW43102024	280-197749-29	Water	A, O

Client Sample ID	Laboratory Sample ID	Matrix	Parameter
FDUP09-102024 (Field Duplicate of TMW13102024)	280-197749-30	Water	A, O
QC08102024EB (Equipment Blank)	280-197749-31	Water	A, O
QC07102024TB (Trip Blank)	280-197749-32	Water	V, TPH
QC08102024TB (Trip Blank)	280-197749-33	Water	V, TPH
MW31102024	280-197749-34	Water	V, S, M, P, TPH, E
MW30102024	280-197749-35	Water	V, S, M, P, TPH, E
TMW45102024	280-197749-36	Water	V, S, M
TMW03102024	280-197749-37	Water	V, S, M, P, E
MW39102024	280-197749-38	Water	V, S, M, P, TPH, E
TMW24102024	280-197749-39	Water	V, M
TMW31D102024	280-197749-40	Water	V, M, P, E
TMW43102024	280-197749-41	Water	V, S, M, P, E
TMW14A102024	280-197749-42	Water	V, S, M, P, E
FDUP09-102024 (Field Duplicate of TMW13102024)	280-197749-43	Water	V, M, P
TMW13102024	280-197749-44	Water	V, M, P
QC08102024EB (Equipment Blank)	280-197749-45	Water	V, S, M, P, TPH, E, Pest, PCB, H
BGMW13S102024	280-197749-46	Water	V, S, M, P, TPH, E
FDUP10-102024 (Field Duplicate of BGMW13S102024)	280-197749-47	Water	V, S, M, P, TPH, E
BGMW13D102024	280-197749-48	Water	V, S, M, P, TPH, E

Parameters:

A=Anions
O= Orthophosphate as P
V=VOCs
S=SVOCs
TPH=GRO/DRO/ORO
Pest=Pesticides
H=Herbicides
PCB=Polychlorinated Biphenyls
E=Explosives
P=Perchlorate
M=Metals/Mercury

EXTRACTION, ANALYTICAL, AND REPORTING DETAILS

Parameter	Matrix	Prep Method	Analytical Method	Units
Anions	Water	--	SW846 9056A	ug/L
Orthophosphate as P	Water	--	EPA 365.1	ug/L
VOCs	Water	--	SW846 8260D	ug/L
SVOCs	Water	3510C	SW846 8270E	ug/L
TPH GRO	Water	--	SW846 8015D	ug/L
TPH DRO/ORO	Water	3510C	SW846 8015D	ug/L
Pesticides	Water	3510C	SW846 8081B	ug/L
Herbicides	Water	--	SW846 8321B	ug/L
PCBs	Water	3510C	SW846 8082A	ug/L
Explosives	Water	3535	EPA 8330B	ug/L
Perchlorate	Water	--	EPA 6850	ug/L
Metals	Water	3005A/3020A	SW846 6020B	ug/L
Mercury	Water	7470A	SW846 7470A	ug/L

µg/L= micrograms per liter

EVALUATION CRITERIA

The data submitted by the laboratory has been reviewed and validated at a Stage 2B Validation was performed following the guidelines outlined in the project-specific UFP QAPP, DoD General Data Validation Guidelines, Rev 1 (Nov 2019) and published data validation guideline modules. Information reviewed in the data packages included sample results; field and laboratory quality control results; instrument calibration; calibration verifications; case narratives; sample receipt forms, chain-of-custody (COC) forms. The analyses and findings presented in this report are based on the reviewed information, and whether guidelines in the associated analytical method, DoD QSM and QAPP were met.

A table detailing the data qualifiers applied for the samples in this SDG as a result of the data validation process is included as Attachment A to this report. Data validation checklists for each analytical method listed in the table above are also included in this report as Attachment B. An ADR.net summary report is included in this report as Attachment C.

ANIONS

General

The anions portion of this SDG consisted of fourteen (14) water samples. The samples were collected on October 8, 2024 and were analyzed for anions as specified in the project-specific UFP-QAPP.

The anions analyses were performed in accordance with U.S. EPA Method SW846 9056A. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method. The laboratory noted these samples, TMW13102024, TMW45102024, TMW43102024 and FDUP09-102024, contained an unidentified analyte

that co-elutes with Nitrate. Due to the interference, the nitrate results were qualified "J" as estimated.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the Laboratory Control Sample (LCS), Laboratory Control Sample Duplicate (LCSD), Matrix Spike (MS) and Matrix Spike Duplicate (MSD). Sample TMW03102024 was designated for MS/MSD analysis by the laboratory.

All LCS/LCSD spike recoveries were within acceptance criteria.

All MS/MSD spike recoveries were within acceptance criteria except for the following:

Sample TMW03102024			
Analyte	**MS %R**	**MSD %R**	**Criteria**
chloride	105	115	87-110%

The MSD REC for chloride recovered outside acceptance criteria in sample TMW03102024. Chloride was qualified "J+" as estimated high bias.

Precision

Precision was evaluated using the relative percent difference (RPD) obtained from the LCS/LCSD, MS/MSD and laboratory duplicate concentrations.

All LCS/LCSD, MS/MSD and laboratory duplicate RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for all anions were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared

and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The initial calibration verification (ICV) samples were prepared from a second source standard. All ICV criteria were met.
- All initial and continuing calibration blanks (ICB/CCB) criteria were met.
- All continuing calibration verification (CCV) criteria were met.

Six laboratory method blanks were associated with the anions analyses in this SDG. The laboratory method blanks were non-detect for all target anions.

One equipment blank was associated with the anions analyses in this SDG. The equipment blank was non-detect for all target anions.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for anions for the samples in this SDG were considered usable. Therefore, the completeness for the anions portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

ORTHOPHOSPHATE AS P

General

The orthophosphate portion of this SDG consisted of fourteen (14) water samples. The samples were collected on October 8, 2024 and were analyzed for orthophosphate as specified in the project-specific UFP-QAPP.

The orthophosphate analyses were performed in accordance with U.S. EPA Method 365.1. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD, and MS/MSD. Samples FDUP09-102024 and QC08102024EB were designated for MS/MSD analysis by the laboratory.

All LCS/LCSD and MS/MSD spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD and MS/MSD concentrations.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for orthophosphate were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All ICB/CCB criteria were met.
- All CCV criteria were met.

One laboratory method blank was associated with the orthophosphate analyses in this SDG. The laboratory method blank was non-detect for orthophosphate.

One equipment blank was associated with the orthophosphate analyses in this SDG. The equipment blank was non-detect for orthophosphate.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for orthophosphate for the samples in this SDG were considered usable. Therefore, the completeness for the orthophosphate portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

VOLATILE ORGANIC COMPOUNDS

General

The VOCs portion of this SDG consisted of thirty-four (34) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for VOCs as specified in the project-specific UFP-QAPP.

The VOC analyses were performed in accordance with U.S. EPA Method 8260D. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD, MS/MSD and the surrogate spikes.

All LCS/LCSD and MS/MSD recoveries were within acceptance criteria.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD and MS/MSD concentrations.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024), FDUP08-102024 (parent sample – TMW17102024), FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for all VOCs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All instrument tune criteria were met.
- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met except for the following:
    - The CCV associated with batch 671503 recovered high for bromomethane. The associated samples were non-detect for bromomethane and were qualified "UJ" as estimated at the reporting limit.
- All internal standard criteria were met.

Three laboratory method blanks were associated with the VOC analyses in this SDG. The laboratory method blanks were non-detect for VOCs.

One equipment blank and two trip blanks were associated with the VOC analyses in this SDG. Chlorodibromomethane, chloroform and dichlorobromomethane were detected in the equipment blank. The associated samples were non-detect for all VOCs, as such qualification was not warranted.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for VOCs for the samples in this SDG were considered usable. Therefore, the completeness for the VOCs portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

SEMI-VOLATILE ORGANIC COMPOUNDS

General

The SVOCs portion of this SDG consisted of twenty-four (24) water samples. The samples were collected on October 8 and 9, 2024, and were analyzed for SVOCs as specified in the project-specific UFP-QAPP.

The SVOC analyses were performed in accordance with U.S. EPA Method 8270E. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes. Insufficient sample volume was available to perform a MS/MSD.

All LCS/LCSD spike recoveries were within acceptance criteria.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria. It should be noted that surrogate 2,4,6-tribromophenol recovery in the CCVIS associated with batches 670606 and 670995 were outside control limits. The surrogate recoveries in the associated samples were within control limits; therefore, corrective action was not necessary, and qualification of data was not warranted.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for all SVOCs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All instrument tune criteria were met.
- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.

- All internal standard criteria were met. It should be noted that internal standard retention times for the CCV associated with batch 670995 was outside acceptance criteria for the mid-point of the initial calibration. All associated samples were within the acceptance criteria of the daily calibration verification; therefore, corrective action was not necessary, and qualification of data was not warranted.

Two laboratory method blanks were associated with the SVOC analyses in this SDG. The laboratory method blank was non-detect for all target SVOCs.

One equipment blank was associated with the SVOC analyses in this SDG. The equipment blank was non-detect for all target SVOCs.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for SVOCs for the samples in this SDG were considered usable. Therefore, the completeness for the SVOCs portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TOTAL PETROLEUM HYDROCARBONS GRO

General

The TPH GRO portion of this SDG consisted of twenty (20) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for TPH GRO as specified in the project-specific UFP-QAPP.

The TPH GRO analyses were performed in accordance with U.S. EPA Method 8015D. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes. Insufficient sample volume was available to perform an MS/MSD.

All LCS/LCSD spike recoveries were within acceptance criteria.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for TPH GRO were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.

Two laboratory method blanks were associated with the TPH GRO analyses in this SDG. The laboratory method blanks were non-detect for TPH GRO.

One equipment blank and two trip blanks were associated with the TPH GRO analyses in this SDG. The equipment blank and trip blanks were non-detect for TPH GRO.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for TPH GRO for the samples in this SDG were considered usable. Therefore, the completeness for the TPH GRO portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

TOTAL PETROLEUM HYDROCARBONS DRO/ORO

General

The TPH DRO/ORO portion of this SDG consisted of eighteen (18) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for TPH DRO/ORO as specified in the project-specific UFP-QAPP.

The TPH DRO/ORO analyses were performed in accordance with U.S. EPA Method 8015D. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes. Insufficient sample volume was available to perform an MS/MSD.

All LCS/LCSD spike recoveries were within acceptance criteria.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for TPH DRO/ORO were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared

and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.

One laboratory method blank was associated with the TPH DRO/ORO analyses in this SDG. The laboratory method blank was non-detect for TPH DRO/ORO.

One equipment blank was associated with the TPH DRO/ORO analyses in this SDG. The equipment blank was non-detect for TPH DRO/ORO.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for TPH DRO/ORO for the samples in this SDG were considered usable. Therefore, the completeness for the TPH DRO/ORO portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

PESTICIDES

General

The pesticides portion of this SDG consisted of one (1) water sample, an equipment blank. The sample was collected on October 8, 2024, and was analyzed for pesticides as specified in the project-specific UFP-QAPP.

The pesticide analyses were performed in accordance with U.S. EPA Method 8081B. The sample in this SDG was analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. The sample was prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes.

All LCS/LCSD spike recoveries were within acceptance criteria except for the following:

Batch 670518			
Analyte	**LCS %REC**	**LCSD %REC**	**Criteria**
Beta-BHC	55	56	56-136%

The LCS REC for beta-BHC recovered below acceptance criteria for batch 670518. The associated sample was qualified “UJ” as estimated at the reporting limit.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria except for the following:

Batch 670518		
Analyte	**%RPD**	**Criteria**
toxaphene	34	RPD ≤ 30

The LCS/LCSD RPD for toxaphene exceeded acceptance criteria for batch 670518. The associated sample was non-detect, as such qualification was not warranted.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All DDT-Endrin breakdown criteria were met.
- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.
- All internal standard criteria were met.

One laboratory method blank was associated with the pesticides analyses in this SDG. The laboratory method blank was non-detect for all target pesticides.

One equipment blank was associated with the pesticides analyses in this SDG. Heptachlor was detected in the equipment blank. Cross contamination was not a concern and could not

be evaluated due to no field samples being collected and reported in this SDG for pesticides.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for pesticides for the samples in this SDG were considered usable. Therefore, the completeness for the pesticides portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

HERBICIDES

General

The herbicides portion of this SDG consisted of one (1) water sample, an equipment blank. The sample was collected on October 8, 2024 and was analyzed for herbicides as specified in the project-specific UFP-QAPP.

The herbicides analysis was performed in accordance with U.S. EPA Method 8321. The sample in this SDG was analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. The sample was prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes.

All LCS/LCSD spike recoveries were within acceptance criteria except for the following:

Batch 670535			
Analyte	**LCS %REC**	**LCSD %REC**	**Criteria**
2,4,5-T	136	108	70-130%
2,4-D	131	101	70-130%

The LCS RECs for 2,4,5-T and 2,4-D recovered above acceptance criteria for batch 670535. The associated sample was non-detect for these analytes, as such qualification was not warranted.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria except for the following:

Batch 670535		
Analyte	**%RPD**	**Criteria**
2,4,5-T	24	RPD ≤ 20
2,4-D	27	RPD ≤ 20
2,4-DB	26	RPD ≤ 20
Dicamba	24	RPD ≤ 20
Dichlorprop	24	RPD ≤ 20
Dinoseb	24	RPD ≤ 20
MCPA	25	RPD ≤ 20
MCPP	26	RPD ≤ 20
Silvex (2,4,5-TP)	24	RPD ≤ 20

The LCS/LCSD RPDs for the above noted analytes exceeded acceptance criteria for batch 670535. The associated sample was non-detect, as such qualification was not warranted.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.
- All internal standard criteria were met.

One laboratory method blank was associated with the herbicides analyses in this SDG. The laboratory method blank was non-detect for all target herbicides.

One equipment blank was associated with the herbicides analyses in this SDG. The equipment blank was non-detect for all target herbicides.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for herbicides for the samples in this SDG were considered usable. Therefore, the completeness for the herbicides portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

POLYCHLORINATED BIPHENYLS

General

The PCBs portion of this SDG consisted of one (1) water sample, an equipment blank. The sample was collected on October 8, 2024, and was analyzed for PCBs as specified in the project-specific UFP-QAPP.

The PCB analyses were performed in accordance with U.S. EPA Method 8082A. The sample in this SDG was analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. The sample was prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes.

All LCS/LCSD spike recoveries were within acceptance criteria.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria. It should be noted that surrogate tetrachloro-m-xylene recovered outside acceptance criteria for one or more QC samples on the primary column. Th surrogate recoveries were within acceptance criteria on the secondary column; therefore, the surrogate results were reported from the secondary column.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;

- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.
- All internal standard criteria were met.
- Dual column confirmation for the field samples could not be evaluated because the results were non-detect.

One laboratory method blank was associated with the PCB analyses in this SDG. The laboratory method blank was non-detect for all target PCBs.

One equipment blank was associated with the PCB analyses in this SDG. The equipment blank was non-detect for all target PCBs.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for PCBs for the samples in this SDG were considered usable. Therefore, the completeness for the PCB portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

EXPLOSIVES

General

The explosives portion of this SDG consisted of twenty-two (22) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for explosives as specified in the project-specific UFP-QAPP.

The explosives analyses were performed in accordance with U.S. EPA Method 8330B. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and the surrogate spikes. Insufficient sample volume was available to perform a MS/MSD.

All LCS/LCSD spike recoveries were within acceptance criteria, except for the following:

Batch 671006			
Analyte	**LCS %REC**	**LCSD %REC**	**Criteria**
m-nitrotoluene	92	72	73-125%

The LCSD REC for m-nitrotoluene recovered low and outside criteria. The associated samples were non-detect for the above noted analytes, as such the results were qualified "UJ" as estimated at the reporting limit.

Surrogate spike compounds were added to every field and QC sample. All surrogate spike recoveries were within acceptance criteria except for the following:

Surrogate 1,2-dinitrobenzene		
Sample	**%REC**	**Criteria**
BGMW13S102024	78	83-119%
FDUP07102024	64	83-119%
FDUP10-102024	74	83-119%
MW26102024	71	83-119%
MW27102024	70	83-119%
MW34102024	74	83-119%
MW36D102024	48	83-119%
MW39102024	69	83-119%
TMW03102024	0	83-119%
TMW03102024	76	83-119%
TMW59102024	77	83-119%
TMW59102024	53	83-119%
TMW61102024	62	83-119%

Surrogate, 1,2-dinitrobenzene, recovered outside acceptance criteria in the above noted samples. As such, detections were qualified "J-" as estimated low bias, while non-detects were qualified "UJ" as estimated at the reporting limit.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD concentrations.

All LCS/LCSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024

(parent sample – MW33102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for all explosives were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met.
- Column confirmation criteria for detected results met criteria with the following exceptions: the primary and confirmation column RPD for 4-amino-4,6-dinitrotoluene, HMX and 2,6-dinitrotoluene exceeded 40% for sample TMW03102024. As such, the results for the noted analytes were qualified "J" as estimated.

Three laboratory method blank was associated with the explosives analyses in this SDG. The laboratory method blanks were non-detect for target explosives.

One equipment blank was associated with the explosive analyses in this SDG. The equipment blank was non-detect for all target explosives.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for explosives for the samples in this SDG were considered usable. Therefore, the completeness for the explosives portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

PERCHLORATE

General

The perchlorate portion of this SDG consisted of twenty-eight (28) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for perchlorate as specified in the project-specific UFP-QAPP.

The perchlorate analyses were performed in accordance with U.S. EPA Method 6850. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS and MS/MSD. Sample MW34102024 was designated for MS/MSD analysis by the laboratory.

All LCS and MS/MSD spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the MS/MSD concentrations.

All MS/MSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024), FDUP08-102024 (parent sample – TMW17102024), FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for perchlorate were within acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All isotope ratio criteria were met.
- All ICAL criteria were met.
- The ICV samples were prepared from a second source standard. All ICV criteria were met.
- All interference check solutions (ICS) were within criteria.
- All CCV criteria were met.
- All initial calibration blank (ICB) criteria were met.
- All continuing calibration blank (CCB) criteria were met.
- All internal standard criteria were met.

Four laboratory method blanks were associated with the perchlorate analyses in this SDG. The laboratory method blanks were non-detect for perchlorate.

One equipment blank was associated with the perchlorate analyses in this SDG. The equipment blank was non-detect for perchlorate.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for perchlorate for the samples in this SDG were considered usable. Therefore, the completeness for the perchlorate portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

METALS

General

The metals portion of this SDG consisted of thirty-two (32) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for metals as specified in the project-specific UFP-QAPP.

The metals analyses were performed in accordance with U.S. EPA Method 6020B. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method. Sample MW31102024 was received with improper preservation at a pH > 2. Nitric acid was added by the laboratory and the method required pH was achieved, as such, qualification was not warranted.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS and MS/MSD. Samples BGMW13D102024 and TMW28102024 were designated for MS/MSD analysis by the laboratory.

All LCS spike recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria, except for the following:

Sample BGMW07102024			
Analyte	**MS %R**	**MSD %R**	**Criteria**
barium	89	85	88-114%

The MSD REC for barium recovered outside acceptance criteria. Barium was detected in sample TMW28102024, as such, the result was qualified "J-" as estimated low bias. It should be noted that one or more MS/MSD RECs for calcium, manganese, magnesium, potassium and sodium exceeded acceptance criteria, however; the sample concentrations are greater than 4 times the MS/MSD spike concentrations. As such, the MS/MSD RECs could not be evaluated, and qualification was not warranted.

Precision

Precision was evaluated using the RPD obtained from the MS/MSD concentrations.

All MS/MSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024), FDUP08-102024 (parent sample – TMW17102024), FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). One or more RPDs for metals exceeded acceptance criteria and were qualified "J" as estimated in the above noted parent samples.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;
- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All instrument tune criteria were met.

- All initial calibration criteria were met.
- The ICV was prepared from a second source standard. All ICV criteria were met.
- All CCV criteria were met except for the following:
    - The CCV associated with batch 670393 recovered above criteria for dissolved beryllium. Dissolved beryllium was qualified "X" in associated samples, BGMW13D102024, BGMW13S102024, FDUP09-102024, FDUP10-102024, MW30102024, MW31102024, QC08102024EB, TMW13102024, TMW14A102024, TMW24102024, TMW31D102024 and TMW43102024.
- All low-level ICV (LL ICV) criteria were met.
- All ICS were within criteria.
- All ICB criteria were met except for the following:
    - The ICB associated with batch 670393 had detections of sodium and zinc. Sodium was greater than 5 times the ICB detection in the associated samples. As such, no qualification was warranted. Zinc was detected less than 5 times the ICB detection in one or more associated samples. As such, the results were qualified "U" as non-detect.
    - The ICB associated with batch 670396 had a detection of silver. Silver was detected less than 5 times the ICB detection in one or more associated samples. As such, the results were qualified "U" as non-detect.
    - The ICB associated with batch 670387 had a detection of silver. Silver was detected less than 5 times the ICB detection in one or more associated samples. As such, the results were qualified "U" as non-detect.
    - The ICB associated with batch 670423 had a detection of silver. Silver was detected less than 5 times the ICB detection in one or more associated samples. As such, the results were qualified "U" as non-detect.
- All CCB criteria were met except for the following:
    - The CCBs associated with batch 670421 had detections of antimony, magnesium and silver. Magnesium was greater than 5 times the CCB detections in the associated samples. As such, no qualification was warranted. Silver and antimony were detected less than 5 times the CCB detections in one or more associated samples, as such, the results were qualified "U" as non-detect.
    - The CCBs associated with batch 670393 had detections of antimony, iron, magnesium and silver. Magnesium was greater than 5 times the CCB detections in the associated samples. As such, no qualification was warranted. Antimony, iron and silver were detected less than 5 times the CCB detections in one or more associated samples, as such, the results were qualified "U" as non-detect.

- The CCBs associated with batch 670396 had detections of aluminum, magnesium, potassium, sodium and silver. Magnesium and sodium were greater than 5 times the CCB detections in the associated samples. As such, no qualification was warranted. Aluminum, potassium and silver were detected less than 5 times the CCB detections in one or more associated samples, as such, the results were qualified "U" as non-detect.
- The CCBs associated with batch 670387 had detections of aluminum, magnesium, manganese, potassium, sodium and silver. Magnesium and sodium were greater than 5 times the CCB detections in the associated samples. As such, no qualification was warranted. Aluminum, manganese, potassium and silver were detected less than 5 times the CCB detections in one or more associated samples, as such, the results were qualified "U" as non-detect.
- The CCB associated with batch 670423 had a detection of silver. Silver was detected less than 5 times the CCB detections in one or more associated samples, as such, the results were qualified "U" as non-detect.

- All internal standard criteria associated with the target metals were met.
- A serial dilution test (DT) was performed on the same sample as the MS/MSD. The DT was only applicable for those metals that failed in the MS/MSD and were detected in the parent sample at a concentration of 50 times the LOQ or greater. All applicable metals met criteria in the DT.
- The post digestion spike (PDS) was performed on the same sample as the MS/MSD. The PDS was only applicable for those metals that failed in the MS/MSD. All metals met criteria in the PDS. It should be noted that the PDS RECs for calcium and magnesium exceeded acceptance criteria, however; the sample concentrations were greater than 4 times the PDS spike concentrations. As such, the PDS RECs could not be evaluated, and qualification was not warranted.

Six laboratory method blanks were associated with the metals analyses in this SDG. Aluminum, antimony, calcium, iron, magnesium, silver and zinc were detected in one or more of the laboratory method blanks. The associated samples with detections less than 5 times the laboratory method blank detections were qualified "U" as non-detect.

One equipment blank was associated with the metals analyses in this SDG. Aluminum, calcium, iron, magnesium and sodium were detected in the equipment blank. The associated samples with detections less than 5 times the equipment blank detections were qualified "U" as non-detect.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for metals for the samples in this SDG were considered usable with the following exceptions: dissolved beryllium was qualified as "X" in associated samples BGMW13D102024, BGMW13S102024, FDUP09-102024, FDUP10-102024,

MW30102024, MW31102024, QC08102024EB, TMW13102024, TMW14A102024, TMW24102024, TMW31D102024 and TMW43102024 due to the CCV recovering above acceptance criteria. Therefore, the completeness for the metals portion of this SDG is 99%, which meets the minimum acceptance criteria of 90%.

MERCURY

General

The mercury portion of this SDG consisted of thirty-two (32) water samples. The samples were collected on October 7 and 8, 2024, and were analyzed for total and dissolved mercury as specified in the project-specific UFP-QAPP.

The mercury analyses were performed in accordance with U.S. EPA Method 7470A. All samples in this SDG were analyzed following the procedures outlined in the DoD QSM, version 5.4 and the project QAPP. All samples were prepared and analyzed within the holding time required by the method. Sample MW31102024 was received with improper preservation at a pH > 2. Nitric acid was added by the laboratory and the method required pH was achieved, as such, qualification was not warranted.

Accuracy

Accuracy was evaluated using the percent recovery obtained from the LCS/LCSD and MS/MSD. Samples MW30102024 and TMW28102024 were designated for MS/MSD analysis by the laboratory

All LCS/LCSD and MS/MSD spike recoveries were within acceptance criteria.

Precision

Precision was evaluated using the RPD obtained from the LCS/LCSD and MS/MSD concentrations.

All LCS/LCSD and MS/MSD RPDs were within acceptance criteria.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP07-102024 (parent sample – MW33102024), FDUP08-102024 (parent sample – TMW17102024), FDUP09-102024 (parent sample – TMW13102024) and FDUP10-102024 (parent sample – BGMW13S102024). The RPDs for mercury met acceptance criteria.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents actual site conditions. Representativeness has been evaluated by:

- Comparing the COC procedures to those described in the DoD QSM and project QAPP;
- Comparing actual analytical procedures to those described in the DoD QSM and project-specific UFP-QAPP;

- Evaluating holding times; and
- Examining blanks for cross contamination of samples during analysis.

The samples in this SDG were analyzed following the COC and the analytical procedures described in the DoD QSM and project-specific UFP-QAPP. All samples were prepared and analyzed within the holding time required by the method. The following QC elements were also evaluated:

- All initial calibration criteria were met.
- All ICV criteria were met.
- All CCV criteria were met.
- All LL ICV criteria were met.
- All ICB criteria were met.
- All CCB criteria were met.
- A serial DT was performed on the same sample as the MS/MSD. The DT was only applicable for those metals that failed in the MS/MSD and were detected in the parent sample at a concentration of 50 times the LOQ or greater. All mercury results met criteria in the DT.
- The PDS was performed on the same sample as the MS/MSD. The PDS was only applicable when mercury results failed in the MS/MSD. The PDS for mercury met criteria.

Five laboratory method blanks were associated with the mercury analyses in this SDG. The laboratory method blanks were non-detect for mercury.

One equipment blank was associated with the mercury analyses in this SDG. The equipment blank was non-detect for mercury.

Completeness

Completeness has been evaluated by comparing the total number of samples collected with the total number of samples with valid analytical data.

All results for mercury for the samples in this SDG were considered usable. Therefore, the completeness for the mercury portion of this SDG is 100%, which meets the minimum acceptance criteria of 90%.

COMPARABILITY

All data was generated using contract-specific standard methods and reported with known data quality, type of analysis, units, etc.

DATA USABILITY

The purpose of this data validation report is to ensure the integrity and reliability of analytical laboratory data. The data quality is evaluated based on precision, accuracy, representativeness, comparability, and completeness (PARCC) characteristics of the data. The validated data indicated that the laboratory correctly performed the analyses.

All data in this SDG are considered usable, as qualified, for the purposes of this project with the following exceptions: samples BGMW13D102024, BGMW13S102024, FDUP09-102024, FDUP10-102024, MW30102024, MW31102024, QC08102024EB, TMW13102024, TMW14A102024, TMW24102024, TMW31D102024 and TMW43102024 were qualified "X" for dissolved beryllium. The presence or absence of the analytes cannot be substantiated by the data provided. Acceptance (J-flag) or rejection (R-flag) of the data should be decided by the project team (which should include a project chemist) during the Data Usability Assessment process.

SENSITIVITY

The detection limit (DL), LOD and limit of quantitation (LOQ) values reported for the samples were compared to those listed in WS #15, Table 15.1 of the QAPP to ensure that sensitivity requirements were met. The DL, LOD, and LOQ values matched those listed in the QAPP before dilutions were taken into account. The following LOQs exceed the project quantitation limits (PQLs):

Methods	Parameters	Samples
9056A	nitrate	TMW03102024
8270E	2,4-dinitrophenol, 2,4-dinitrotoluene, 2,6-dinitrotoluene, bis(2-chloroethyl)ether, dibenz(a,h)anthracene, hexachlorobenzene, hexachlorobutadiene, hexachloroethane, indeno[1,2,3-cd]pyrene, nitrobenzene, n-nitrosodi-n-propylamine, pentachlorophenol, phenol	BGMW13D102024
8270E	3,3'-dichlorobenzidine, 4,6-dinitro-2-methylphenol, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, hexachlorocyclopentadiene	FDUP07102024, MW36S102024, MW33102024, MW30102024, TMW03102024, MW39102024, TMW43102024, TMW14A102024, BGMW13D102024, MW34102024 and TMW39S102024
8270E	4-chloroaniline	FDUP07102024, MW36S102024, MW33102024, MW30102024,

Methods	Parameters	Samples
		TMW03102024, BGMW13D102024, MW34102024 and TMW39S102024
8330B	nitroglycerin	BGMW13D102024, MW33102024, FDUP07102024, MW27102024, MW34102024, MW36D102024, MW36S102024, MW39102024, TMW61102024, TMW31D102024, TMW43102024, TMW49102024, TMW53102024, TMW57102024 and TMW59102024
6850	perchlorate	TMW49102024 and TMW39S102024
8015D	DRO	FDUP07102024, TMW61102024, TMW57102024, TMW59102024, TMW53102024, MW33102024, MW31102024, MW30102024, MW39102024, FDUP10-102024, BGMW13D102024 and MW34102024

DATA QUALIFIER CHANGES

The sample results and final data qualifiers and reason codes that were added, removed, or changed as a result of the data validation process are included in a table as Attachment A to this report.

DATA QUALIFIER DEFINITIONS

The data qualifiers are defined in WS #36, Table 36.2 of the project QAPP as follows.

U = The analyte was not detected and was reported as less than the LOD. The LOD has been adjusted for any dilution or concentration of the sample.

J = The reported result was an estimated value with an unknown bias.

J+ = The reported result was an estimated quantity, but the result may be biased high.

J- = The reported result was an estimated quantity, but the result may be biased low.

UJ = The analyte was not detected and was reported as less than the LOD. However, the reported numerical value is approximate.

X= The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance (J-flag) or rejection (R-flag) of the data should be decided by the project team (which should include a project chemist) during the Data Usability Assessment process.

REASON CODE DEFINITIONS

These data validation reason codes were used to document the logic behind all data validation qualifiers:

Validation Qualifier Reason Codes	Validation Comments
BLL	Concentration in equipment blank at or above reporting limit.
BLM	Concentration in equipment blank less than reporting limit
BLN	Concentration in trip blank at or above reporting limit.
BLO	Concentration in trip blank less than reporting limit.
BLR	Concentration in field blank or decon blank at or above reporting limit.
BLS	Concentration in field blank or decon blank less than reporting limit.
BLT	Concentration in method blank less than reporting limit.
BLU	Concentration in method blank at or above reporting limit.
CO1	Column confirmation RPD exceeds acceptance limit.
CR1	Result exceeded calibration range.
DU1	Field duplicate RPD exceeds acceptance limit.
DU2	Laboratory duplicate RPD exceeds acceptance limit.
DU3	Field Duplicate RPD not calculated but results demonstrate a high degree of variability.
HS	VOA vial has headspace greater than 6 millimeters.
LC1	LCS and/or LCSD recovery above upper acceptance limit.
LC2	LCS and/or LCSD recovery below lower acceptance limit.
LC7	LCS/LCSD RPD exceeds acceptance limit.
MD1	MS and/or MSD recovery above upper acceptance limit.
MD2	MS and/or MSD recovery below lower acceptance limit.
MD5	MS/MSD RPD exceeds acceptance limit.
PJ	Professional judgment used. See specific details in Data Validation Report.
SC1	Analysis holding time exceeded.
SC3	Extraction holding time exceeded.
SC6	Temperature of sample outside acceptance range.
SU1	Surrogate recovery above upper acceptance limit.
SU2	Surrogate recovery below lower acceptance limit.
PR1	Samples not properly preserved.
TR	Result is detected between the reporting limit and detection limit.

ACRONYMS AND ABBREVIATIONS

The following is a list of acronyms and abbreviations that were used in this data validation report.

CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CoC	Chain of Custody
DL	Detection Limit
DoD	Department of Defense
DT	Dilution Test
ETTA	Eurofins Environment Testing America
FWDA	Fort Wingate Depot Activity
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICS	Interference Check Sample
ICV	Initial Calibration Verification
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Project Quantitation Limit
PDS	Post Digestion Spike
QC	Quality Control
QSM	Quality Systems Manual
RPD	Relative Percent Difference
SDG	Sample Delivery Group
UFP-QAPP	Uniform Federal Policy – Quality Assurance Project Plan

Attachment A

Validated Data Summary

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water Samples Collected September and October 2024

SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	BGMW13D102024		BGMW13S102024		FDUP10-102024*		FW31102024		MW26102024		MW27102024		MW30102024		MW31102024		MW33102024		FDUP07102024*		MW34102024	
DATE SAMPLED:			10/08/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-48 280-197749-24		280-197749-46 280-197749-23		280-197749-47 280-197749-25		280-197749-17 280-197680-6		280-197749-5 280-197680-9		280-197749-4 280-197680-15		280-197749-35 280-197749-19		280-197749-34 280-197749-28		280-197749-2 280-197680-16		280-197749-1 280-197680-17		280-197749-6 280-197680-14	
	Unit																							
Volatile Organics - SW8260D																								
1,1,1,2-Tetrachloroethane	µg/L	5.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane	µg/L	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	µg/L	10	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	µg/L	25	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	µg/L	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	µg/L	7	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2,3-Trichloropropane	µg/L	2.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	µg/L	56	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-chloropropane	µg/L	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane (EDB)	µg/L	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	µg/L	600	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	22		1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	µg/L	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichloropropane	µg/L	370	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	µg/L	5,600	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene	µg/L	240	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	µg/L	38	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorotoluene	µg/L	250	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Isopropyltoluene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	µg/L	6,300	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	µg/L	18,000	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
Benzene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromobenzene	µg/L	62	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromochloromethane	µg/L	83	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	µg/L	80	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	µg/L	7.5	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Fort Wingate Depot Activity Northern Area
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DATE SAMPLED:			10/08/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-48 280-197749-24		280-197749-46 280-197749-23		280-197749-47 280-197749-25		280-197749-17 280-197680-6		280-197749-5 280-197680-9		280-197749-4 280-197680-15		280-197749-35 280-197749-19		280-197749-34 280-197749-28		280-197749-2 280-197680-16		280-197749-1 280-197680-17		280-197749-6 280-197680-14	
Carbon disulfide	µg/L	810	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	µg/L	8,300	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroform	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	µg/L	190	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromochloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromomethane	µg/L	8.3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	µg/L	200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	µg/L	700	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	µg/L	2	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isopropylbenzene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	µg/L	20,000	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether (MTBE)	µg/L	100	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	µg/L	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
m-Xylene & p-Xylene	µg/L	620	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Naphthalene	µg/L	30	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
n-Butylbenzene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Propylbenzene	µg/L	660	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	µg/L	620	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	µg/L	2,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	µg/L	690	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	µg/L	5,200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

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DATE SAMPLED:			10/08/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024	
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Semivolatile Organics - SW8270E																								
2,2'-Oxybis (1-chloropropane)	µg/L	710	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	µg/L	1,200	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	µg/L	12	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	µg/L	46	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	µg/L	360	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	µg/L	39	42	U	29	U	29	U	--		28	U	28	U	32	U	30	U	31	U	31	U	31	U
2,4-Dinitrotoluene	µg/L	10	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	µg/L	10	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	µg/L	750	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
2-Chlorophenol	µg/L	91	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	µg/L	30	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
2-Methylphenol	µg/L	930	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2-Nitroaniline	µg/L	190	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
2-Nitrophenol	µg/L	na	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
3 & 4 Methylphenol	µg/L	370	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	µg/L	50	71	U	48	U	48	U	--		46	U	46	U	53	U	50	U	52	U	51	U	52	U
3-Nitroaniline	µg/L	38	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	µg/L	50	71	U	48	U	48	U	--		46	U	46	U	53	U	50	U	52	U	51	U	52	U
4-Bromophenyl phenyl ether	µg/L	na	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	µg/L	1,400	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
4-Chloroaniline	µg/L	20	28	U	19	U	19	U	--		19	U	18	U	21	U	20	U	21	U	21	U	21	U
4-Chlorophenyl phenyl ether	µg/L	na	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
4-Nitroaniline	µg/L	38	14	U	9.6	U	9.6	U	--		9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
4-Nitrophenol	µg/L	na	35	U	24	U	24	U	--		23	U	23	U	27	U	25	U	26	U	26	U	26	U
Acenaphthene	µg/L	530	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Acenaphthylene	µg/L	120	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Anthracene	µg/L	1,800	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Benzaldehyde	µg/L	190	7.1	U	4.8	U	4.8	U	--		4.6	U	4.6	U	5.3	U	5.0	U	5.2	U	5.1	U	5.2	U
Benz(a)anthracene	µg/L	4	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Benzo(a)pyrene	µg/L	4	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Benzo(b)fluoranthene	µg/L	4	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Benzo(g,h,i)perylene	µg/L	120	5.6	U	3.8	U	3.8	U	--		3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U

Fort Wingate Depot Activity Northern Area
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Northern Area Groundwater Sampling
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	BGMW13D102024		BGMW13S102024		FDUP10-102024*		FW31102024	MW26102024		MW27102024		MW30102024		MW31102024		MW33102024		FDUP07102024*		MW34102024	
DATE SAMPLED:			10/08/2024		10/08/2024		10/08/2024		10/07/2024	10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-48 280-197749-24		280-197749-46 280-197749-23		280-197749-47 280-197749-25		280-197749-17 280-197680-6	280-197749-5 280-197680-9		280-197749-4 280-197680-15		280-197749-35 280-197749-19		280-197749-34 280-197749-28		280-197749-2 280-197680-16		280-197749-1 280-197680-17		280-197749-6 280-197680-14	
Benzo(k)fluoranthene	µg/L	25	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
bis(2-Chloroethoxy)methane	µg/L	59	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
bis(2-Chloroethyl)ether	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Butyl benzyl phthalate	µg/L	160	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Caprolactam	µg/L	9,900	21	U	14	U	14	U	--	14	U	14	U	16	U	15	U	16	U	15	U	16	U
Carbazole	µg/L	290	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Chrysene	µg/L	250	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Dibenz(a,h)anthracene	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Dibenzofuran	µg/L	7.9	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Diethyl phthalate	µg/L	15,000	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Dimethyl phthalate	µg/L	na	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Di-n-butyl phthalate	µg/L	900	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Di-n-octyl phthalate	µg/L	200	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Fluoranthene	µg/L	800	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Fluorene	µg/L	290	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Hexachlorobenzene	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	µg/L	50	71	U	48	U	48	U	--	46	U	46	U	53	U	50	U	52	U	51	U	52	U
Hexachloroethane	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Isophorone	µg/L	780	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Naphthalene	µg/L	30	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Nitrobenzene	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
n-Nitrosodi-n-propylamine	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
N-Nitrosodiphenylamine	µg/L	120	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Pentachlorophenol	µg/L	50	71	U	48	U	48	U	--	46	U	46	U	53	U	50	U	52	U	51	U	52	U
Phenanthrene	µg/L	170	5.6	U	3.8	U	3.8	U	--	3.7	U	3.7	U	4.3	U	4.0	U	4.1	U	4.1	U	4.2	U
Phenol	µg/L	10	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Pyrene	µg/L	120	14	U	9.6	U	9.6	U	--	9.3	U	9.2	U	11	U	10	U	10	U	10	U	10	U
Petroleum Hydrocarbons - SW8015D																							
Gasoline Range Organics (GRO) C6-C10	µg/L	25	25	U	25	U	25	U	--	25	U	25	U	25	U	**16**	**J**	25	U	25	U	25	U
Diesel Range Organics (DRO) C10-C28	µg/L	250	5,000	U	240	U	320	U	--	250	U	240	U	1,300	U	260	U	2,500	U	5,000	U	1,300	U
Oil Range Organics (ORO) C20-C38	µg/L	60,200	10,000	U	480	U	650	U	--	500	U	490	U	2,500	U	520	U	5,000	U	10,000	U	2,500	U

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Explosives - SW8330B																								
1,3,5-Trinitrobenzene	µg/L	590	0.22	U	0.21	UJ	0.21	UJ	--		0.21	UJ	0.22	UJ	0.21	U	0.21	U	0.23	U	0.23	UJ	0.22	UJ
1,3-Dinitrobenzene	µg/L	2	0.11	U	0.11	UJ	0.11	UJ	--		0.11	UJ	0.12	UJ	0.11	U	0.11	U	0.12	U	0.12	UJ	0.11	UJ
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	0.11	U	0.11	UJ	0.11	UJ	--		0.11	UJ	0.12	UJ	0.11	U	0.11	U	0.12	U	0.12	UJ	0.11	UJ
2,4-Dinitrotoluene	µg/L	2.4	0.10	U	0.10	UJ	0.10	UJ	--		0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.11	U	0.11	UJ	0.10	UJ
2,6-Dinitrotoluene	µg/L	0.49	0.10	U	0.10	UJ	0.10	UJ	--		0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.11	U	0.11	UJ	0.10	UJ
2-Amino-4,6-dinitrotoluene	µg/L	1.9	0.11	U	0.11	UJ	0.11	UJ	--		0.11	UJ	0.12	UJ	0.11	U	0.11	U	0.12	U	0.12	UJ	0.11	UJ
4-Amino-2,6-dinitrotoluene	µg/L	1.9	0.16	U	0.15	UJ	0.15	UJ	--		0.15	UJ	0.16	UJ	0.15	U	0.15	U	0.17	U	0.16	UJ	0.16	UJ
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	0.22	U	0.21	UJ	0.21	UJ	--		0.21	UJ	0.22	UJ	0.21	U	0.21	U	0.23	U	0.23	UJ	0.22	UJ
m-Nitrotoluene	µg/L	1.7	0.41	UJ	0.40	UJ	0.40	UJ	--		0.41	UJ	0.42	UJ	0.40	U	0.40	U	0.44	U	0.43	UJ	0.42	UJ
Nitrobenzene	µg/L	1.4	0.22	U	0.21	UJ	0.21	UJ	--		0.21	UJ	0.22	UJ	0.21	U	0.21	U	0.23	U	0.23	UJ	0.22	UJ
Nitroglycerin	µg/L	2.1	2.2	U	2.1	UJ	2.1	UJ	--		2.1	UJ	2.2	UJ	2.1	U	2.1	U	2.3	U	2.3	UJ	2.2	UJ
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX	µg/L	1,000	0.22	U	0.21	UJ	0.21	UJ	--		0.21	UJ	0.22	UJ	0.21	U	0.21	U	0.23	U	0.23	UJ	0.22	UJ
o-Nitrotoluene	µg/L	3.1	0.22	U	0.21	UJ	0.21	UJ	--		0.21	UJ	0.22	UJ	0.21	U	0.21	U	0.23	U	0.23	UJ	0.22	UJ
Pentaerythritol Tetranitrate (PETN)	µg/L	170	1.1	U	1.1	UJ	1.1	UJ	--		1.1	UJ	1.2	UJ	1.1	U	1.1	U	1.2	U	1.2	UJ	1.1	UJ
p-Nitrotoluene	µg/L	43	0.42	U	0.41	UJ	0.41	UJ	--		0.42	UJ	0.43	UJ	0.41	U	0.41	U	0.45	U	0.44	UJ	0.43	UJ
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	0.11	U	0.11	UJ	0.11	UJ	--		0.11	UJ	0.12	UJ	0.11	U	0.11	U	0.12	U	0.12	UJ	0.11	UJ
Perchlorate - SW6850																								
Perchlorate	µg/L	14	0.20	U	0.20	U	0.20	U	--		0.20	U	**0.045**	**J**	0.20	U	**0.089**	**J**	0.20	U	0.20	U	0.20	U
Metals, Total - SW6020B/SW7470A																								
Aluminum	µg/L	200	**370**		**220**	**J**	**450**	**J**	**270**		**680**		**1,700**		**2,500**		**2,600**		**8,600**	**J**	**17,000**	**J**	**6,100**	
Antimony	µg/L	6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	**1.2**	**J**	2.0	U	**0.45**	**J**	2.0	U	2.0	U
Arsenic	µg/L	10	**0.52**	**J**	5.0	U	**0.78**	**J**	**4.7**	**J**	**0.85**	**J**	**0.91**	**J**	**2.8**	**J**	**1.8**	**J**	**4.8**	**J**	**3.3**	**J**	**1.8**	**J**
Barium	µg/L	2,000	**230**		**220**		**230**		**15**		**24**		**36**		**54**		**37**		**180**		**190**		**79**	
Beryllium	µg/L	4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.86**	**J**	**0.82**	**J**	1.0	U
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.23**	**J**	1.0	U	1.0	U
Calcium	µg/L	na	**16,000**		**27,000**		**29,000**		**6,200**		**100,000**		**65,000**		**27,000**		**150,000**		**170,000**	**J**	**25,000**	**J**	**66,000**	
Chromium	µg/L	50	**2.3**	**J**	**0.89**	**J**	**1.1**	**J**	3.0	U	**2.3**	**J**	**2.0**	**J**	**5.2**		**4.0**		**14**		**15**		**6.8**	
Cobalt	µg/L	50	1.0	U	1.0	U	1.0	U	**0.51**	**J**	**0.48**	**J**	**0.50**	**J**	**1.4**		**1.3**		**4.7**		**4.4**		**2.1**	
Copper	µg/L	1,000	2.0	U	2.0	U	2.0	U	2.0	U	**1.9**	**J**	**4.2**		**16**		**27**	**J**	**17**	**J**	**7.9**	**J**	**3.8**	
Iron	µg/L	300	**460**		**830**		**1,100**		**530**		**440**		**1,200**		**2,100**		**2,500**		**5,100**	**J**	**8,200**	**J**	**3,600**	
Lead	µg/L	15	1.0	U	1.0	U	**0.36**	**J**	1.0	U	**0.26**	**J**	**0.49**	**J**	**1.1**		**1.1**		**4.7**		**3.8**		**1.9**	
Magnesium	µg/L	na	**4,300**		**8,600**		**9,100**		**2,300**		**18,000**		**13,000**		**6,000**		**31,000**		**8,500**		**8,100**		**15,000**	
Manganese	µg/L	50	**140**		**380**		**380**		**55**		**1,100**		**31**		**330**		**130**		**730**	**J**	**250**	**J**	**720**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	**1.4**	**J**	3.0	U	3.0	U	3.0	U	**2.3**	**J**	**1.5**	**J**	**5.3**		**1.9**	**J**	**11**		**9.5**		**5.4**	
Potassium	µg/L	na	**750**	**J**	**890**	**J**	**940**	**J**	**1,500**		**760**	**J**	**930**	**J**	**1,100**		**1,200**		**2,200**	**J**	**4,100**	**J**	**1,700**	
Selenium	µg/L	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	**29**		5.0	U	**33**		5.0	U	5.0	U	**1.6**	**J**
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**290,000**		**310,000**		**320,000**		**570,000**		**1,100,000**		**1,000,000**		**950,000**		**2,100,000**		**790,000**		**790,000**		**1,600,000**	
Thallium	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	µg/L	86	**2.4**	**J**	**1.6**	**J**	**1.9**	**J**	**4.1**	**J**	**4.0**	**J**	**3.8**	**J**	**9.0**		**4.1**	**J**	**18**		**21**		**11**	
Zinc	µg/L	5,000	10	U	**2.7**	**J**	**4.9**	**J**	10	U	**5.7**	**J**	**3.4**	**J**	**59**		10	U	**80**	**J**	**26**	**J**	**10**	

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LAB SAMPLE ID:			280-197749-48 280-197749-24		280-197749-46 280-197749-23		280-197749-47 280-197749-25		280-197749-17 280-197680-6		280-197749-5 280-197680-9		280-197749-4 280-197680-15		280-197749-35 280-197749-19		280-197749-34 280-197749-28		280-197749-2 280-197680-16		280-197749-1 280-197680-17		280-197749-6 280-197680-14	
Metals, Dissolved - SW6020B/SW7470A																								
Aluminum	µg/L	200	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
Antimony	µg/L	6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic	µg/L	10	5.0	U	5.0	U	**0.51**	**J**	**4.1**	**J**	**0.56**	**J**	5.0	U	**2.3**	**J**	**0.79**	**J**	**2.3**	**J**	**2.2**	**J**	**0.97**	**J**
Barium	µg/L	2,000	**250**		**220**		**220**		**9.9**		**15**		**19**		**31**		**15**		**29**		**30**		**24**	
Beryllium	µg/L	4	0.60	X	0.60	X	0.60	X	1.0	U	1.0	U	1.0	U	0.60	X	0.60	X	1.0	U	1.0	U	1.0	U
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**16,000**		**30,000**		**29,000**		**6,300**		**110,000**		**65,000**		**27,000**		**170,000**		**11,000**		**11,000**		**68,000**	
Chromium	µg/L	50	**0.57**	**J**	3.0	U	3.0	U	3.0	U	**0.52**	**J**	3.0	U	3.0	U	**0.68**	**J**	3.0	U	3.0	U	3.0	U
Cobalt	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	**0.42**	**J**	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Copper	µg/L	1,000	2.0	U	2.0	U	2.0	U	2.0	U	**0.97**	**J**	**1.8**	**J**	**9.6**		**13**		**0.86**	**J**	**0.89**	**J**	**1.7**	**J**
Iron	µg/L	300	200	U	**330**		**620**		**25**	**J**	200	U	200	U	200	U	200	U	**33**	**J**	**13**	**J**	**58**	**J**
Lead	µg/L	15	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Magnesium	µg/L	na	**4,200**		**8,700**		**8,800**		**2,400**		**19,000**		**13,000**		**5,700**		**34,000**		**3,400**		**3,300**		**15,000**	
Manganese	µg/L	50	**120**		**370**		**340**		**49**		**850**		**6.0**	**J+**	**2.6**	**J**	**82**		**19**		**18**		**48**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	3.0	U	3.0	U	3.0	U	3.0	U	**0.89**	**J**	3.0	U	3.0	U	**0.85**	**J**	**1.2**	**J**	**1.2**	**J**	**1.1**	**J**
Potassium	µg/L	na	**690**	**J**	**810**	**J**	**840**	**J**	**1,300**		**600**	**J**	**590**	**J**	**480**	**J**	**410**	**J**	**860**	**J**	**830**	**J**	**370**	**J**
Selenium	µg/L	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	**27**		5.0	U	**32**		5.0	U	5.0	U	**1.7**	**J**
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**320,000**		**330,000**		**330,000**		**550,000**		**1,600,000**		**940,000**		**1,100,000**		**2,100,000**		**760,000**		**780,000**		**1,600,000**	
Thallium	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	µg/L	86	5.0	U	**1.1**	**J**	**1.2**	**J**	**4.5**	**J**	**2.5**	**J**	**1.1**	**J**	**5.3**		**2.1**	**J**	**3.2**	**J**	**3.1**	**J**	**3.6**	**J**
Zinc	µg/L	5,000	10	U	10	U	10	U	10	U	**3.0**	**J**	**2.7**	**J**	10	U	**6.8**	**J**	**2.8**	**J**	**2.5**	**J**	10	U
General Chemistry																								
Orthophosphate as P - EPA 365.1																								
Orthophosphate as P	µg/L	20,000	**470**		**740**		**700**		50	U	**62**		50	U	**50**		50	U	**120**	**J**	**76**	**J**	**48**	**J**
Anions - SW9056A																								
Bromide	µg/L	na	**310**	**J**	**430**	**J**	**410**	**J**	500	U	**1,300**		**790**		**990**		**2,100**		**1,400**		**1,400**		**1,900**	
Chloride	µg/L	250,000	**83,000**		**120,000**		**120,000**		**8,700**		**350,000**		**120,000**		**310,000**		**870,000**		**240,000**		**240,000**		**430,000**	
Fluoride	µg/L	1,600	**1,100**		**1,100**		**1,100**		**3,000**		**540**	**J**	**510**	**J**	**860**	**J**	**320**	**J**	**1,100**		**1,100**		**570**	**J**
Nitrate as N	µg/L	10,000	500	U	500	U	500	U	500	U	**1,700**		**25,000**		**1,000**		**14,000**		500	U	500	U	**9,100**	
Nitrite as N	µg/L	1,000	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U
Sulfate	µg/L	250,000	**68,000**		**31,000**		**31,000**		**670,000**		**1,200,000**		**1,000,000**		**470,000**		**2,700,000**		**750,000**		**750,000**		**2,100,000**	

QA NOTES AND DATA QUALIFIERS:

* - Field duplicate of sample on left.
(NO CODE) - Confirmed identification.
U - Analyte was analyzed for but not detected above the reported limit of quantitation (LOQ).
UJ - Analyte not detected, reported LOQ may be inaccurate or imprecise.
J - Analyte detected, estimated concentration.
J- - Analyte detected, estimated concentration with a low bias.
J+ - Analyte detected, estimated concentration with a high bias.
X - The presence or absence of the analyte cannot be substantiated due to deficiencies in meeting QC criteria.
Detections are bolded.

Detections above the PQLG are highlighted.

NOTES:

[1] The PQLG is the lower of the New Mexico Water Quality Control Commission standard (NM WQCC) and the EPA MCL. If the analyte does not have an NM WQCC or MCL but has an EPA Tap Water RSL, the lower value between the adjusted carcinogenic RSL (target excess cancer risk level of 1 x 10-5) and the non-carcinogenic RSL (with a target hazard index of 1.0) was selected.

µg/L - micrograms per liter
na - Limit not available
-- Analyte was not tested.

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water Samples Collected September and October 2024

SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	MW36D102024		MW36S102024		MW39102024		TMW03102024		TMW13102024		FDUP09-102024*		TMW14A102024		TMW17102024		FDUP08-102024*		TMW24102024	
DATE SAMPLED:			10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/08/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/08/2024	
LAB SAMPLE ID:			280-197749-7 280-197680-10		280-197749-10 280-197680-12		280-197749-38 280-197749-26		280-197749-37 280-197749-18		280-197749-44 280-197749-20		280-197749-43 280-197749-30		280-197749-42		280-197749-9 280-197680-13		280-197749-12 280-197680-2		280-197749-39 280-197749-21	
	Unit																					
Volatile Organics - SW8260D																						
1,1,1,2-Tetrachloroethane	µg/L	5.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane	µg/L	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	µg/L	10	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	µg/L	25	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	µg/L	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	µg/L	7	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2,3-Trichloropropane	µg/L	2.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	µg/L	56	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-chloropropane	µg/L	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane (EDB)	µg/L	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	µg/L	600	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	µg/L	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichloropropane	µg/L	370	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	µg/L	5,600	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene	µg/L	240	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	µg/L	38	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorotoluene	µg/L	250	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Isopropyltoluene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	µg/L	6,300	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	µg/L	18,000	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
Benzene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromobenzene	µg/L	62	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromochloromethane	µg/L	83	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	µg/L	80	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	µg/L	7.5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U

Fort Wingate Depot Activity Northern Area
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Validated Data Summary for Water Samples Collected September and October 2024

SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	MW36D102024		MW36S102024		MW39102024		TMW03102024		TMW13102024		FDUP09-102024*		TMW14A102024		TMW17102024		FDUP08-102024*		TMW24102024	
DATE SAMPLED:			10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/08/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/08/2024	
LAB SAMPLE ID:			280-197749-7 280-197680-10		280-197749-10 280-197680-12		280-197749-38 280-197749-26		280-197749-37 280-197749-18		280-197749-44 280-197749-20		280-197749-43 280-197749-30		280-197749-42		280-197749-9 280-197680-13		280-197749-12 280-197680-2		280-197749-39 280-197749-21	
Carbon disulfide	µg/L	810	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	**0.36**	**J**	2.0	U
Carbon tetrachloride	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	µg/L	8,300	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroform	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	µg/L	190	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromochloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromomethane	µg/L	8.3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	µg/L	200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	µg/L	700	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	µg/L	2	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isopropylbenzene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	µg/L	20,000	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether (MTBE)	µg/L	100	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	µg/L	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
m-Xylene & p-Xylene	µg/L	620	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Naphthalene	µg/L	30	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
n-Butylbenzene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Propylbenzene	µg/L	660	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	µg/L	620	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	µg/L	2,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	µg/L	690	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.41**	**J**	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	µg/L	5,200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Fort Wingate Depot Activity Northern Area
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	MW36D102024		MW36S102024		MW39102024		TMW03102024		TMW13102024	FDUP09-102024*	TMW14A102024		TMW17102024	FDUP08-102024*	TMW24102024
DATE SAMPLED:			10/07/2024		10/07/2024		10/08/2024		10/08/2024		10/08/2024	10/08/2024	10/08/2024		10/07/2024	10/07/2024	10/08/2024
LAB SAMPLE ID:			280-197749-7 280-197680-10		280-197749-10 280-197680-12		280-197749-38 280-197749-26		280-197749-37 280-197749-18		280-197749-44 280-197749-20	280-197749-43 280-197749-30	280-197749-42		280-197749-9 280-197680-13	280-197749-12 280-197680-2	280-197749-39 280-197749-21
Semivolatile Organics - SW8270E																	
2,2'-Oxybis (1-chloropropane)	µg/L	710	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,4,5-Trichlorophenol	µg/L	1,200	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,4,6-Trichlorophenol	µg/L	12	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,4-Dichlorophenol	µg/L	46	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,4-Dimethylphenol	µg/L	360	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,4-Dinitrophenol	µg/L	39	29	U	31	U	31	U	**20**	**J**	--	--	31	U	--	--	--
2,4-Dinitrotoluene	µg/L	10	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2,6-Dinitrotoluene	µg/L	10	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2-Chloronaphthalene	µg/L	750	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
2-Chlorophenol	µg/L	91	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2-Methylnaphthalene	µg/L	30	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
2-Methylphenol	µg/L	930	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2-Nitroaniline	µg/L	190	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
2-Nitrophenol	µg/L	na	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
3 & 4 Methylphenol	µg/L	370	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
3,3'-Dichlorobenzidine	µg/L	50	49	U	51	U	51	U	52	U	--	--	51	U	--	--	--
3-Nitroaniline	µg/L	38	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
4,6-Dinitro-2-methylphenol	µg/L	50	49	U	51	U	51	U	52	U	--	--	51	U	--	--	--
4-Bromophenyl phenyl ether	µg/L	na	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
4-Chloro-3-methylphenol	µg/L	1,400	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
4-Chloroaniline	µg/L	20	19	U	21	U	20	U	21	U	--	--	20	U	--	--	--
4-Chlorophenyl phenyl ether	µg/L	na	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
4-Nitroaniline	µg/L	38	9.7	U	10	U	10	U	10	U	--	--	10	U	--	--	--
4-Nitrophenol	µg/L	na	24	U	26	U	25	U	26	U	--	--	25	U	--	--	--
Acenaphthene	µg/L	530	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Acenaphthylene	µg/L	120	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Anthracene	µg/L	1,800	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Benzaldehyde	µg/L	190	4.9	U	5.1	U	5.1	U	5.2	U	--	--	5.1	U	--	--	--
Benz(a)anthracene	µg/L	4	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Benzo(a)pyrene	µg/L	4	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Benzo(b)fluoranthene	µg/L	4	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--
Benzo(g,h,i)perylene	µg/L	120	3.9	U	4.1	U	4.1	U	4.2	U	--	--	4.1	U	--	--	--

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Benzo(k)fluoranthene	µg/L	25	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
bis(2-Chloroethoxy)methane	µg/L	59	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
bis(2-Chloroethyl)ether	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
bis(2-Ethylhexyl)phthalate	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Butyl benzyl phthalate	µg/L	160	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Caprolactam	µg/L	9,900	15 U	15 U	15 U	16 U	--	--	15 U	--	--	--
Carbazole	µg/L	290	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Chrysene	µg/L	250	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Dibenz(a,h)anthracene	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Dibenzofuran	µg/L	7.9	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Diethyl phthalate	µg/L	15,000	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Dimethyl phthalate	µg/L	na	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Di-n-butyl phthalate	µg/L	900	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Di-n-octyl phthalate	µg/L	200	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Fluoranthene	µg/L	800	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Fluorene	µg/L	290	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Hexachlorobenzene	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Hexachlorobutadiene	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Hexachlorocyclopentadiene	µg/L	50	49 U	51 U	51 U	52 U	--	--	51 U	--	--	--
Hexachloroethane	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Indeno(1,2,3-cd)pyrene	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Isophorone	µg/L	780	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Naphthalene	µg/L	30	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Nitrobenzene	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
n-Nitrosodi-n-propylamine	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
N-Nitrosodiphenylamine	µg/L	120	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Pentachlorophenol	µg/L	50	49 U	51 U	51 U	52 U	--	--	51 U	--	--	--
Phenanthrene	µg/L	170	3.9 U	4.1 U	4.1 U	4.2 U	--	--	4.1 U	--	--	--
Phenol	µg/L	10	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Pyrene	µg/L	120	9.7 U	10 U	10 U	10 U	--	--	10 U	--	--	--
Petroleum Hydrocarbons - SW8015D												
Gasoline Range Organics (GRO) C6-C10	µg/L	25	25 U	25 U	25 U	--	--	--	--	--	--	--
Diesel Range Organics (DRO) C10-C28	µg/L	250	250 U	250 U	1,300 U	--	--	--	--	--	--	--
Oil Range Organics (ORO) C20-C38	µg/L	60,200	500 U	500 U	2,500 U	--	--	--	--	--	--	--

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Explosives - SW8330B												
1,3,5-Trinitrobenzene	µg/L	590	0.22 UJ	0.23 U	0.22 UJ	0.21 U	--	--	--	--	--	--
1,3-Dinitrobenzene	µg/L	2	0.11 UJ	0.12 U	0.12 UJ	0.11 UJ	--	--	--	--	--	--
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	0.11 UJ	0.12 U	0.12 UJ	0.11 U	--	--	--	--	--	--
2,4-Dinitrotoluene	µg/L	2.4	0.10 UJ	0.11 U	0.10 UJ	0.098 U	--	--	--	--	--	--
2,6-Dinitrotoluene	µg/L	0.49	0.10 UJ	0.11 U	0.10 UJ	**0.31 J**	--	--	--	--	--	--
2-Amino-4,6-dinitrotoluene	µg/L	1.9	0.11 UJ	0.12 U	0.12 UJ	0.11 UJ	--	--	--	--	--	--
4-Amino-2,6-dinitrotoluene	µg/L	1.9	0.16 UJ	0.17 U	0.16 UJ	**0.74 J**	--	--	--	--	--	--
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	0.22 UJ	0.23 U	0.22 UJ	**330 J-**	--	--	--	--	--	--
m-Nitrotoluene	µg/L	1.7	0.42 UJ	0.45 U	0.42 UJ	0.39 U	--	--	--	--	--	--
Nitrobenzene	µg/L	1.4	0.22 UJ	0.23 U	0.22 UJ	0.21 U	--	--	--	--	--	--
Nitroglycerin	µg/L	2.1	2.2 UJ	2.3 U	2.2 UJ	2.1 UJ	--	--	--	--	--	--
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX	µg/L	1,000	0.22 UJ	0.23 U	0.22 UJ	**12 J**	--	--	--	--	--	--
o-Nitrotoluene	µg/L	3.1	0.22 UJ	0.23 U	0.22 UJ	0.21 U	--	--	--	--	--	--
Pentaerythritol Tetranitrate (PETN)	µg/L	170	1.1 UJ	1.2 U	1.2 UJ	1.1 U	--	--	--	--	--	--
p-Nitrotoluene	µg/L	43	0.43 UJ	0.46 U	0.43 UJ	0.40 U	--	--	--	--	--	--
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	0.11 UJ	0.12 U	0.12 UJ	0.11 U	--	--	--	--	--	--
Perchlorate - SW6850												
Perchlorate	µg/L	14	0.20 U	0.20 U	0.20 U	**0.74**	0.20 U	**0.029 J**	0.20 U	0.20 U	0.20 U	--
Metals, Total - SW6020B/SW7470A												
Aluminum	µg/L	200	**270**	**500**	**3,500**	**13 J**	**13 J**	**24 J**	**250**	**510 J**	**230 J**	**55 J**
Antimony	µg/L	6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.41 J**
Arsenic	µg/L	10	**0.52 J**	**0.57 J**	**4.0 J**	**1.2 J**	**0.60 J**	5.0 U	**0.85 J**	5.0 U	5.0 U	**1.3 J**
Barium	µg/L	2,000	**220**	**9.5**	**67**	**13**	**16**	**17**	**20**	**14**	**13**	**34**
Beryllium	µg/L	4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	µg/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	na	**38,000**	**330,000**	**45,000**	**58,000**	**28,000**	**29,000**	**3,700**	**3,400**	**3,200**	**42,000**
Chromium	µg/L	50	**0.91 J**	**1.1 J**	**3.7**	3.0 U	**1.0 J**	**0.93 J**	**2.2 J**	3.0 U	3.0 U	**0.64 J**
Cobalt	µg/L	50	1.0 U	**1.2**	**1.2**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Copper	µg/L	1,000	2.0 U	**2.4**	**4.4**	2.0 U	2.0 U	2.0 U	**6.4**	2.0 U	2.0 U	**1.7 J**
Iron	µg/L	300	**1,200**	**510**	**2,000**	200 U	200 U	200 U	**150 J**	**220 J**	**100 J**	**83 J**
Lead	µg/L	15	1.0 U	1.0 U	**1.2**	1.0 U	1.0 U	1.0 U	**0.26 J**	**0.38 J**	1.0 U	1.0 U
Magnesium	µg/L	na	**13,000**	**120,000**	**17,000**	**13,000**	**5,500**	**5,600**	**510**	**640**	**580**	**10,000**
Manganese	µg/L	50	**260**	**1,300**	**79**	**4.7**	**2.0 J**	**2.0 J**	**17**	**15 J**	**10 J**	**130**
Mercury	µg/L	2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	µg/L	200	3.0 U	**5.1**	**4.1**	3.0 U	3.0 U	3.0 U	**1.6 J**	3.0 U	3.0 U	**1.3 J**
Potassium	µg/L	na	**970 J**	**1,500**	**1,100**	**370 J**	**390 J**	**390 J**	**620 J**	**710 J**	**730 J**	**340 J**
Selenium	µg/L	50	5.0 U	5.0 U	5.0 U	**57**	**8.2**	**9.0**	5.0 U	5.0 U	5.0 U	5.0 U
Silver	µg/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 UJ	0.087 UJ	1.0 U
Sodium	µg/L	na	**610,000**	**2,200,000**	**1,500,000**	**1,000,000**	**560,000**	**580,000**	**450,000**	**530,000**	**540,000**	**1,100,000**
Thallium	µg/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vanadium	µg/L	86	**1.2 J**	**1.9 J**	**9.1**	**1.7 J**	**2.6 J**	**2.6 J**	5.0 U	5.0 U	5.0 U	**2.1 J**
Zinc	µg/L	5,000	**2.5 J**	**6.3 J**	**6.5 J**	**4.8 J**	10 U	10 U	**2.5 J**	**32 J**	**23 J**	10 U

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Metals, Dissolved - SW6020B/SW7470A																						
Aluminum	µg/L	200	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
Antimony	µg/L	6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic	µg/L	10	5.0	U	5.0	U	**3.1**	**J**	**0.56**	**J**	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	**0.95**	**J**
Barium	µg/L	2,000	**170**		**6.5**		**42**		**14**		**18**		**18**		**16**		**13**		**14**		**35**	
Beryllium	µg/L	4	1.0	U	1.0	U	1.0	U	1.0	U	0.60	X	0.60	X	0.60	X	1.0	U	1.0	U	0.60	X
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**40,000**		**330,000**		**45,000**		**59,000**		**30,000**		**30,000**		**3,900**		**3,800**		**3,800**		**43,000**	
Chromium	µg/L	50	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Cobalt	µg/L	50	1.0	U	**0.84**	**J**	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Copper	µg/L	1,000	**7.1**		**2.1**		**3.4**		**0.94**	**J**	2.0	U	2.0	U	**0.73**	**J**	2.0	U	2.0	U	2.0	U
Iron	µg/L	300	**120**	**J**	**9.9**	**J**	200	U	200	U	200	U	200	U	200	U	**63**	**J**	**13**	**J**	200	U
Lead	µg/L	15	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Magnesium	µg/L	na	**14,000**		**130,000**		**15,000**		**12,000**		**5,600**		**5,700**		**430**		**570**		**620**		**11,000**	
Manganese	µg/L	50	**220**		**950**		**19**		**4.3**		**1.9**	**J**	**1.6**	**J**	**11**		**9.8**		**9.0**		**130**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	3.0	U	**1.8**	**J**	**1.2**	**J**	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Potassium	µg/L	na	**860**	**J**	**1,400**		**350**	**J**	**330**	**J**	**350**	**J**	**330**	**J**	**500**	**J**	**670**	**J**	**760**	**J**	**280**	**J**
Selenium	µg/L	50	5.0	U	5.0	U	5.0	U	**60**		**9.0**		**9.0**		5.0	U	5.0	U	5.0	U	5.0	U
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**620,000**		**2,100,000**		**1,600,000**		**1,100,000**		**630,000**		**630,000**		**500,000**		**510,000**		**530,000**		**1,200,000**	
Thallium	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	µg/L	86	5.0	U	5.0	U	**5.9**		**2.0**	**J**	**2.6**	**J**	**2.5**	**J**	5.0	U	5.0	U	5.0	U	**1.5**	**J**
Zinc	µg/L	5,000	**6.0**	**J**	**4.7**	**J**	10	U	**5.8**	**J**	10	U	10	U	**2.5**	**J**	10	U	10	U	**3.4**	**J**
General Chemistry																						
Orthophosphate as P - EPA 365.1																						
Orthophosphate as P	µg/L	20,000	**910**		50	U	**39**	**J**	**33**	**J**	50	U	50	U	--		50	U	50	U	**34**	**J**
Anions - SW9056A																						
Bromide	µg/L	na	**1,000**		500	U	**1,500**		**1,100**		**780**		**800**		--		**400**	**J**	**400**	**J**	**1,800**	
Chloride	µg/L	250,000	**100,000**		**540,000**		**650,000**		**190,000**	**J+**	**90,000**		**84,000**		--		**140,000**		**140,000**		**440,000**	
Fluoride	µg/L	1,600	**780**	**J**	**1,000**	**J**	**1,400**		**920**	**J**	**1,600**		**1,600**		--		**850**	**J**	**850**	**J**	**810**	**J**
Nitrate as N	µg/L	10,000	**1,100**		**160**	**J**	500	U	**130,000**		**4,300**	**J**	**4,300**	**J**	--		500	U	500	U	**910**	
Nitrite as N	µg/L	1,000	500	U	500	U	500	U	**55**	**J**	500	U	500	U	--		500	U	500	U	500	U
Sulfate	µg/L	250,000	**34,000**		**4,200,000**		**2,000,000**		**1,100,000**		**350,000**		**350,000**		--		**520,000**		**500,000**		**590,000**	

QA NOTES AND DATA QUALIFIERS:

* - Field duplicate of sample on left.
(NO CODE) - Confirmed identification.
U - Analyte was analyzed for but not detected above the reported limit of quantitation (LOQ).
UJ - Analyte not detected, reported LOQ may be inaccurate or imprecise.
J - Analyte detected, estimated concentration.
J- - Analyte detected, estimated concentration with a low bias.
J+ - Analyte detected, estimated concentration with a high bias.
X - The presence or absence of the analyte cannot be substantiated due to deficiencies in meeting QC criteria.
Detections are bolded.

Detections above the PQLG are highlighted.

NOTES:

[1] The PQLG is the lower of the New Mexico Water Quality Control Commission standard (NM WQCC) and the EPA MCL. If the analyte does not have an NM WQCC or MCL but has an EPA Tap Water RSL, the lower value between the adjusted carcinogenic RSL (target excess cancer risk level of 1 x 10-5) and the non-carcinogenic RSL (with a target hazard index of 1.0) was selected.

µg/L - micrograms per liter
na - Limit not available
-- Analyte was not tested.

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water Samples Collected September and October 2024

SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW28102024		TMW31D102024		TMW39S102024		TMW43102024		TMW45102024		TMW49102024		TMW53102024		TMW57102024		TMW59102024		TMW61102024	
DATE SAMPLED:			10/07/2024		10/08/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-3 280-197680-8		280-197749-40 280-197749-22		280-197749-8 280-197680-11		280-197749-41 280-197749-29		280-197749-36 280-197749-27		280-197749-16 280-197680-7		280-197749-15 280-197680-5		280-197749-13 280-197680-1		280-197749-14 280-197680-4		280-197749-11 280-197680-3	
	Unit																					
Volatile Organics - SW8260D																						
1,1,1,2-Tetrachloroethane	µg/L	5.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane	µg/L	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	µg/L	10	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	µg/L	25	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	µg/L	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	µg/L	7	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2,3-Trichloropropane	µg/L	2.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	µg/L	56	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-chloropropane	µg/L	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane (EDB)	µg/L	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	µg/L	600	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	µg/L	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichloropropane	µg/L	370	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	µg/L	75	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2,2-Dichloropropane	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	µg/L	5,600	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene	µg/L	240	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	µg/L	38	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorotoluene	µg/L	250	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Isopropyltoluene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	µg/L	6,300	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	µg/L	18,000	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
Benzene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromobenzene	µg/L	62	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromochloromethane	µg/L	83	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	µg/L	80	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	µg/L	7.5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW28102024		TMW31D102024		TMW39S102024		TMW43102024		TMW45102024		TMW49102024		TMW53102024		TMW57102024		TMW59102024		TMW61102024	
DATE SAMPLED:			10/07/2024		10/08/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-3 280-197680-8		280-197749-40 280-197749-22		280-197749-8 280-197680-11		280-197749-41 280-197749-29		280-197749-36 280-197749-27		280-197749-16 280-197680-7		280-197749-15 280-197680-5		280-197749-13 280-197680-1		280-197749-14 280-197680-4		280-197749-11 280-197680-3	
Carbon disulfide	µg/L	810	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	µg/L	8,300	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroform	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	µg/L	190	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	µg/L	70	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromochloromethane	µg/L	80	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dibromomethane	µg/L	8.3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	µg/L	200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	µg/L	700	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	µg/L	2	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Isopropylbenzene	µg/L	450	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	µg/L	20,000	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether (MTBE)	µg/L	100	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	µg/L	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
m-Xylene & p-Xylene	µg/L	620	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Naphthalene	µg/L	30	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
n-Butylbenzene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Propylbenzene	µg/L	660	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
o-Xylene	µg/L	620	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	µg/L	2,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	µg/L	690	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	µg/L	1,000	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	µg/L	4.7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	µg/L	5,200	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

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Northern Area Groundwater Sampling
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW28102024	TMW31D102024	TMW39S102024	TMW43102024	TMW45102024	TMW49102024	TMW53102024	TMW57102024	TMW59102024	TMW61102024
DATE SAMPLED:			10/07/2024	10/08/2024	10/07/2024	10/08/2024	10/08/2024	10/07/2024	10/07/2024	10/07/2024	10/07/2024	10/07/2024
LAB SAMPLE ID:			280-197749-3 280-197680-8	280-197749-40 280-197749-22	280-197749-8 280-197680-11	280-197749-41 280-197749-29	280-197749-36 280-197749-27	280-197749-16 280-197680-7	280-197749-15 280-197680-5	280-197749-13 280-197680-1	280-197749-14 280-197680-4	280-197749-11 280-197680-3
Semivolatile Organics - SW8270E												
2,2'-Oxybis (1-chloropropane)	µg/L	710	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,4,5-Trichlorophenol	µg/L	1,200	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,4,6-Trichlorophenol	µg/L	12	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,4-Dichlorophenol	µg/L	46	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,4-Dimethylphenol	µg/L	360	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,4-Dinitrophenol	µg/L	39	--	--	33 U	31 U	28 U	29 U	29 U	29 U	28 U	29 U
2,4-Dinitrotoluene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2,6-Dinitrotoluene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2-Chloronaphthalene	µg/L	750	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
2-Chlorophenol	µg/L	91	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2-Methylnaphthalene	µg/L	30	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
2-Methylphenol	µg/L	930	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2-Nitroaniline	µg/L	190	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
2-Nitrophenol	µg/L	na	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
3 & 4 Methylphenol	µg/L	370	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
3,3'-Dichlorobenzidine	µg/L	50	--	--	54 U	51 U	46 U	49 U	48 U	48 U	47 U	49 U
3-Nitroaniline	µg/L	38	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
4,6-Dinitro-2-methylphenol	µg/L	50	--	--	54 U	51 U	46 U	49 U	48 U	48 U	47 U	49 U
4-Bromophenyl phenyl ether	µg/L	na	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
4-Chloro-3-methylphenol	µg/L	1,400	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
4-Chloroaniline	µg/L	20	--	--	22 U	20 U	19 U	20 U	19 U	19 U	19 U	20 U
4-Chlorophenyl phenyl ether	µg/L	na	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
4-Nitroaniline	µg/L	38	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
4-Nitrophenol	µg/L	na	--	--	27 U	26 U	23 U	25 U	24 U	24 U	24 U	24 U
Acenaphthene	µg/L	530	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Acenaphthylene	µg/L	120	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Anthracene	µg/L	1,800	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Benzaldehyde	µg/L	190	--	--	5.4 U	5.1 U	4.6 U	4.9 U	4.8 U	4.8 U	4.7 U	4.9 U
Benz(a)anthracene	µg/L	4	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Benzo(a)pyrene	µg/L	4	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Benzo(b)fluoranthene	µg/L	4	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Benzo(g,h,i)perylene	µg/L	120	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U

Fort Wingate Depot Activity Northern Area
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Benzo(k)fluoranthene	µg/L	25	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
bis(2-Chloroethoxy)methane	µg/L	59	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
bis(2-Chloroethyl)ether	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
bis(2-Ethylhexyl)phthalate	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Butyl benzyl phthalate	µg/L	160	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Caprolactam	µg/L	9,900	--	--	16 U	15 U	14 U	15 U	15 U	14 U	14 U	15 U
Carbazole	µg/L	290	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Chrysene	µg/L	250	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Dibenz(a,h)anthracene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Dibenzofuran	µg/L	7.9	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Diethyl phthalate	µg/L	15,000	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Dimethyl phthalate	µg/L	na	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Di-n-butyl phthalate	µg/L	900	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Di-n-octyl phthalate	µg/L	200	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Fluoranthene	µg/L	800	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Fluorene	µg/L	290	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Hexachlorobenzene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Hexachlorobutadiene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Hexachlorocyclopentadiene	µg/L	50	--	--	54 U	51 U	46 U	49 U	48 U	48 U	47 U	49 U
Hexachloroethane	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Indeno(1,2,3-cd)pyrene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Isophorone	µg/L	780	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Naphthalene	µg/L	30	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Nitrobenzene	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
n-Nitrosodi-n-propylamine	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
N-Nitrosodiphenylamine	µg/L	120	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Pentachlorophenol	µg/L	50	--	--	54 U	51 U	46 U	49 U	48 U	48 U	47 U	49 U
Phenanthrene	µg/L	170	--	--	4.3 U	4.1 U	3.7 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U
Phenol	µg/L	10	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Pyrene	µg/L	120	--	--	11 U	10 U	9.3 U	9.8 U	9.7 U	9.5 U	9.5 U	9.8 U
Petroleum Hydrocarbons - SW8015D												
Gasoline Range Organics (GRO) C6-C10	µg/L	25	--	--	--	--	--	--	25 U	25 U	25 U	25 U
Diesel Range Organics (DRO) C10-C28	µg/L	250	--	--	--	--	--	--	2,500 U	2,500 U	2,500 U	1,300 U
Oil Range Organics (ORO) C20-C38	µg/L	60,200	--	--	--	--	--	--	5,000 U	5,000 U	5,000 U	2,500 U

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Explosives - SW8330B																						
1,3,5-Trinitrobenzene	µg/L	590	--		0.23	U	--		0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	UJ	0.22	UJ
1,3-Dinitrobenzene	µg/L	2	--		0.12	U	--		0.11	U	--		0.11	U	0.11	U	0.11	U	0.12	UJ	0.11	UJ
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	--		0.12	U	--		0.11	U	--		0.11	U	0.11	U	0.11	U	0.12	UJ	0.11	UJ
2,4-Dinitrotoluene	µg/L	2.4	--		0.11	U	--		0.10	U	--		0.10	U	0.10	U	0.10	U	0.11	UJ	0.10	UJ
2,6-Dinitrotoluene	µg/L	0.49	--		0.11	U	--		0.10	U	--		0.10	U	0.10	U	0.10	U	0.11	UJ	0.10	UJ
2-Amino-4,6-dinitrotoluene	µg/L	1.9	--		0.12	U	--		0.11	U	--		0.11	U	0.11	U	0.11	U	0.12	UJ	0.11	UJ
4-Amino-2,6-dinitrotoluene	µg/L	1.9	--		0.17	U	--		0.16	U	--		0.15	U	0.15	U	0.16	U	0.16	UJ	0.15	UJ
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	--		0.23	U	--		**1.8**		--		0.22	U	0.22	U	0.22	U	**60**	**J-**	0.22	UJ
m-Nitrotoluene	µg/L	1.7	--		0.44	UJ	--		0.42	UJ	--		0.41	U	0.41	U	0.41	U	0.43	UJ	0.41	UJ
Nitrobenzene	µg/L	1.4	--		0.23	U	--		0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	UJ	0.22	UJ
Nitroglycerin	µg/L	2.1	--		2.3	U	--		2.2	U	--		2.2	U	2.2	U	2.2	U	2.3	UJ	2.2	UJ
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX	µg/L	1,000	--		0.23	U	--		**0.18**	**J**	--		0.22	U	0.22	U	0.22	U	0.23	U	0.22	UJ
o-Nitrotoluene	µg/L	3.1	--		0.23	U	--		0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	UJ	0.22	UJ
Pentaerythritol Tetranitrate (PETN)	µg/L	170	--		1.2	U	--		1.1	U	--		1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	UJ
p-Nitrotoluene	µg/L	43	--		0.46	U	--		0.43	U	--		0.42	U	0.42	U	0.43	U	0.45	UJ	0.42	UJ
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	--		0.12	U	--		0.11	U	--		0.11	U	0.11	U	0.11	U	0.12	U	0.11	UJ
Perchlorate - SW6850																						
Perchlorate	µg/L	14	--		**530**		**700**		0.20	U	--		**1,000**		0.20	U	**0.061**	**J**	**0.068**	**J**	0.20	U
Metals, Total - SW6020B/SW7470A																						
Aluminum	µg/L	200	200	U	200	U	**380**		**21**	**J**	**22**	**J**	**6,100**		**14,000**		**8,600**		**2,500**		**1,600**	
Antimony	µg/L	6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic	µg/L	10	5.0	U	**0.73**	**J**	5.0	U	**0.65**	**J**	**1.5**	**J**	**0.57**	**J**	**1.9**	**J**	**3.1**	**J**	**2.9**	**J**	**1.5**	**J**
Barium	µg/L	2,000	**72**	**J-**	**8.8**		**13**		**18**		**65**		**47**		**270**		**120**		**44**		**46**	
Beryllium	µg/L	4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.44**	**J**	**0.59**	**J**	1.0	U	1.0	U
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**97,000**		**63,000**		**62,000**		**36,000**		**30,000**		**72,000**		**7,400**		**25,000**		**34,000**		**65,000**	
Chromium	µg/L	50	3.0	U	3.0	U	**1.7**	**J**	3.0	U	**0.59**	**J**	**4.7**		**18**		**12**		**7.3**		**1.8**	**J**
Cobalt	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**1.8**		**3.3**		**4.1**		**0.99**	**J**	**0.72**	**J**
Copper	µg/L	1,000	2.0	U	2.0	U	**0.73**	**J**	2.0	U	**1.4**	**J**	**2.4**		**4.4**		**11**		**5.1**		**2.7**	
Iron	µg/L	300	**420**		200	U	**210**		**200**	**J**	**330**		**2,600**		**7,400**		**5,900**		**2,300**		**1,200**	
Lead	µg/L	15	1.0	U	**0.83**	**J**	1.0	U	1.0	U	1.0	U	**2.1**		**3.9**		**2.9**		**1.1**		**0.39**	**J**
Magnesium	µg/L	na	**29,000**		**11,000**		**13,000**		**7,000**		**8,000**		**14,000**		**3,800**		**4,700**		**8,900**		**16,000**	
Manganese	µg/L	50	**400**		**14**		**7.1**		**55**		**200**		**59**		**170**		**570**		**52**		**380**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	3.0	U	3.0	U	3.0	U	3.0	U	**1.2**	**J**	**0.88**	**J**	**7.9**		**9.6**		**1.8**	**J**	**2.3**	**J**
Potassium	µg/L	na	**1,600**		**1,400**		1,000	U	**660**	**J**	**5,300**		**2,200**		**2,900**		**2,000**		**1,200**		**650**	**J**
Selenium	µg/L	50	5.0	U	**6.7**		**7.4**		**5.4**		5.0	U	**23**		5.0	U	**8.3**		**2.4**	**J**	**1.2**	**J**
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**470,000**		**660,000**		**860,000**		**600,000**		**960,000**		**660,000**		**410,000**		**620,000**		**850,000**		**1,600,000**	
Thallium	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	µg/L	86	5.0	U	**5.2**		**2.9**	**J**	**1.8**	**J**	**4.7**	**J**	**17**		**13**		**13**		**6.2**		**5.9**	
Zinc	µg/L	5,000	**4.7**	**J**	**11**		**2.4**	**J**	10	U	10	U	**130**		**18**		**15**		10	U	**3.2**	**J**

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DATE SAMPLED:			10/07/2024		10/08/2024		10/07/2024		10/08/2024		10/08/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024		10/07/2024	
LAB SAMPLE ID:			280-197749-3 280-197680-8		280-197749-40 280-197749-22		280-197749-8 280-197680-11		280-197749-41 280-197749-29		280-197749-36 280-197749-27		280-197749-16 280-197680-7		280-197749-15 280-197680-5		280-197749-13 280-197680-1		280-197749-14 280-197680-4		280-197749-11 280-197680-3	
Metals, Dissolved - SW6020B/SW7470A																						
Aluminum	µg/L	200	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
Antimony	µg/L	6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic	µg/L	10	5.0	U	5.0	U	5.0	U	5.0	U	**1.0**	**J**	**0.58**	**J**	**1.4**	**J**	**0.78**	**J**	**1.7**	**J**	**1.4**	**J**
Barium	µg/L	2,000	**79**	**J-**	**11**		**11**		**21**		**63**		**9.4**		**100**		**30**		**22**		**30**	
Beryllium	µg/L	4	1.0	U	0.60	X	1.0	U	0.60	X	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**110,000**		**73,000**		**73,000**		**38,000**		**31,000**		**81,000**		**2,700**		**12,000**		**37,000**		**70,000**	
Chromium	µg/L	50	3.0	U	3.0	U	**1.1**	**J**	3.0	U	3.0	U	**0.89**	**J**	3.0	U	**1.1**	**J**	**3.1**		3.0	U
Cobalt	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Copper	µg/L	1,000	2.0	U	2.0	U	2.0	U	2.0	U	**1.4**	**J**	2.0	U	2.0	U	2.0	U	**2.8**		**1.2**	**J**
Iron	µg/L	300	**410**		200	U	**11**	**J**	200	U	200	U	**28**	**J**	**32**	**J**	200	U	200	U	**17**	**J**
Lead	µg/L	15	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Magnesium	µg/L	na	**35,000**		**12,000**		**16,000**		**6,700**		**7,700**		**14,000**		**380**		**2,700**		**8,900**		**18,000**	
Manganese	µg/L	50	**420**		**12**		3.0	U	**57**		**120**		**9.4**		**25**		**18**		3.0	U	**28**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	**1.0**	**J**	**0.98**	**J**	3.0	U
Potassium	µg/L	na	**1,900**		**1,200**		**320**	**J**	**570**	**J**	**410**	**J**	**1,200**		**380**	**J**	**460**	**J**	1,000	U	**360**	**J**
Selenium	µg/L	50	5.0	U	**7.4**		**7.7**		**6.2**		5.0	U	**22**		5.0	U	**8.7**		**1.9**	**J**	**1.4**	**J**
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**480,000**		**710,000**		**830,000**		**640,000**		**1,000,000**		**660,000**		**370,000**		**580,000**		**800,000**		**1,600,000**	
Thallium	µg/L	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	µg/L	86	5.0	U	**6.3**		**2.4**	**J**	**1.9**	**J**	**3.9**	**J**	**12**		5.0	U	**1.3**	**J**	**3.8**	**J**	**3.2**	**J**
Zinc	µg/L	5,000	**2.7**	**J**	**11**		**2.0**	**J**	10	U	10	U	**3.7**	**J**	10	U	10	U	**4.1**	**J**	**2.3**	**J**
General Chemistry																						
Orthophosphate as P - EPA 365.1																						
Orthophosphate as P	µg/L	20,000	**430**		**18**	**J**	**21**	**J**	50	U	**34**	**J**	**19**	**J**	**57**		**34**	**J**	**110**		**57**	
Anions - SW9056A																						
Bromide	µg/L	na	500	U	**1,000**		**2,100**		**660**		**640**		**1,000**		**230**	**J**	**690**		**640**		**1,500**	
Chloride	µg/L	250,000	**97,000**		**390,000**		**230,000**		**68,000**		**190,000**		**190,000**		**87,000**		**66,000**		**92,000**		**580,000**	
Fluoride	µg/L	1,600	**640**	**J**	**440**	**J**	**490**	**J**	**1,200**		**670**	**J**	**450**	**J**	**2,800**		**2,000**		**890**	**J**	**770**	**J**
Nitrate as N	µg/L	10,000	500	U	**5,800**		**8,900**		**7,300**	**J**	**2,700**	**J**	**7,900**	**J**	500	U	**750**		**42,000**		**21,000**	
Nitrite as N	µg/L	1,000	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U
Sulfate	µg/L	250,000	**520,000**		**1,100,000**		**1,200,000**		**420,000**		**550,000**		**780,000**		**260,000**		**230,000**		**830,000**		5,000	U

QA NOTES AND DATA QUALIFIERS:

* - Field duplicate of sample on left.
(NO CODE) - Confirmed identification.
U - Analyte was analyzed for but not detected above the reported limit of quantitation (LOQ).
UJ - Analyte not detected, reported LOQ may be inaccurate or imprecise.
J - Analyte detected, estimated concentration.
J- - Analyte detected, estimated concentration with a low bias.
J+ - Analyte detected, estimated concentration with a high bias.
X - The presence or absence of the analyte cannot be substantiated due to deficiencies in meeting QC criteria.
Detections are bolded.

Detections above the PQLG are highlighted.

NOTES:

[1] The PQLG is the lower of the New Mexico Water Quality Control Commission standard (NM WQCC) and the EPA MCL. If the analyte does not have an NM WQCC or MCL but has an EPA Tap Water RSL, the lower value between the adjusted carcinogenic RSL (target excess cancer risk level of 1 x 10-5) and the non-carcinogenic RSL (with a target hazard index of 1.0) was selected.

µg/L - micrograms per liter
na - Limit not available
-- Analyte was not tested.

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
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SAMPLE ID:		QC08102024EB		QC07102024TB		QC08102024TB	
DATE SAMPLED:		10/08/2024		10/07/2024		10/08/2024	
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32		280-197749-33	
	Unit						
Volatile Organics - SW8260D							
1,1,1,2-Tetrachloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	µg/L	1.0	U	1.0	U	1.0	U
1,1-Dichloropropene	µg/L	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	µg/L	4.0	U	4.0	U	4.0	U
1,2,3-Trichloropropane	µg/L	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	µg/L	1.0	U	1.0	U	1.0	U
1,2,4-Trimethylbenzene	µg/L	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-chloropropane	µg/L	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane (EDB)	µg/L	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	µg/L	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	µg/L	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	µg/L	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	µg/L	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	µg/L	1.0	U	1.0	U	1.0	U
1,3-Dichloropropane	µg/L	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	µg/L	1.0	U	1.0	U	1.0	U
2,2-Dichloropropane	µg/L	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	µg/L	10	U	10	U	10	U
2-Chlorotoluene	µg/L	1.0	U	1.0	U	1.0	U
2-Hexanone	µg/L	5.0	U	5.0	U	5.0	U
4-Chlorotoluene	µg/L	1.0	U	1.0	U	1.0	U
4-Isopropyltoluene	µg/L	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	µg/L	5.0	U	5.0	U	5.0	U
Acetone	µg/L	15	U	15	U	15	U
Benzene	µg/L	1.0	U	1.0	U	1.0	U
Bromobenzene	µg/L	1.0	U	1.0	U	1.0	U
Bromochloromethane	µg/L	1.0	U	1.0	U	1.0	U
Bromodichloromethane	µg/L	**0.95**	**J**	1.0	U	1.0	U
Bromoform	µg/L	2.0	U	2.0	U	2.0	U
Bromomethane	µg/L	5.0	UJ	5.0	U	5.0	U

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DATE SAMPLED:		10/08/2024		10/07/2024		10/08/2024	
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32		280-197749-33	
Carbon disulfide	µg/L	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	µg/L	1.0	U	1.0	U	1.0	U
Chlorobenzene	µg/L	1.0	U	1.0	U	1.0	U
Chloroethane	µg/L	2.0	U	2.0	U	2.0	U
Chloroform	µg/L	**12**		1.0	U	1.0	U
Chloromethane	µg/L	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	µg/L	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	µg/L	1.0	U	1.0	U	1.0	U
Dibromochloromethane	µg/L	**0.66**	**J**	1.0	U	1.0	U
Dibromomethane	µg/L	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	µg/L	2.0	U	2.0	U	2.0	U
Ethylbenzene	µg/L	1.0	U	1.0	U	1.0	U
Hexachlorobutadiene	µg/L	2.0	U	2.0	U	2.0	U
Isopropylbenzene	µg/L	1.0	U	1.0	U	1.0	U
Methyl acetate	µg/L	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether (MTBE)	µg/L	5.0	U	5.0	U	5.0	U
Methylene chloride	µg/L	2.0	U	2.0	U	2.0	U
m-Xylene & p-Xylene	µg/L	2.0	U	2.0	U	2.0	U
Naphthalene	µg/L	3.0	U	3.0	U	3.0	U
n-Butylbenzene	µg/L	1.0	U	1.0	U	1.0	U
n-Propylbenzene	µg/L	1.0	U	1.0	U	1.0	U
o-Xylene	µg/L	1.0	U	1.0	U	1.0	U
sec-Butylbenzene	µg/L	1.0	U	1.0	U	1.0	U
Styrene	µg/L	1.0	U	1.0	U	1.0	U
tert-Butylbenzene	µg/L	1.0	U	1.0	U	1.0	U
Tetrachloroethene	µg/L	1.0	U	1.0	U	1.0	U
Toluene	µg/L	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	µg/L	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	µg/L	1.0	U	1.0	U	1.0	U
Trichloroethene	µg/L	1.0	U	1.0	U	1.0	U
Trichlorofluoromethane	µg/L	2.0	U	2.0	U	2.0	U
Vinyl chloride	µg/L	1.0	U	1.0	U	1.0	U

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SAMPLE ID:		QC08102024EB		QC07102024TB	QC08102024TB
DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
Semivolatile Organics - SW8270E					
2,2'-Oxybis (1-chloropropane)	µg/L	9.7	U	--	--
2,4,5-Trichlorophenol	µg/L	9.7	U	--	--
2,4,6-Trichlorophenol	µg/L	9.7	U	--	--
2,4-Dichlorophenol	µg/L	9.7	U	--	--
2,4-Dimethylphenol	µg/L	9.7	U	--	--
2,4-Dinitrophenol	µg/L	29	U	--	--
2,4-Dinitrotoluene	µg/L	9.7	U	--	--
2,6-Dinitrotoluene	µg/L	9.7	U	--	--
2-Chloronaphthalene	µg/L	3.9	U	--	--
2-Chlorophenol	µg/L	9.7	U	--	--
2-Methylnaphthalene	µg/L	3.9	U	--	--
2-Methylphenol	µg/L	9.7	U	--	--
2-Nitroaniline	µg/L	9.7	U	--	--
2-Nitrophenol	µg/L	9.7	U	--	--
3 & 4 Methylphenol	µg/L	9.7	U	--	--
3,3'-Dichlorobenzidine	µg/L	49	U	--	--
3-Nitroaniline	µg/L	9.7	U	--	--
4,6-Dinitro-2-methylphenol	µg/L	49	U	--	--
4-Bromophenyl phenyl ether	µg/L	9.7	U	--	--
4-Chloro-3-methylphenol	µg/L	9.7	U	--	--
4-Chloroaniline	µg/L	19	U	--	--
4-Chlorophenyl phenyl ether	µg/L	9.7	U	--	--
4-Nitroaniline	µg/L	9.7	U	--	--
4-Nitrophenol	µg/L	24	U	--	--
Acenaphthene	µg/L	3.9	U	--	--
Acenaphthylene	µg/L	3.9	U	--	--
Anthracene	µg/L	3.9	U	--	--
Benz(a)anthracene	µg/L	3.9	U	--	--
Benzaldehyde	µg/L	4.9	U	--	--
Benzo(a)pyrene	µg/L	3.9	U	--	--
Benzo(b)fluoranthene	µg/L	3.9	U	--	--
Benzo(g,h,i)perylene	µg/L	3.9	U	--	--

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DATE SAMPLED:		10/08/2024		10/07/2024		10/08/2024	
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32		280-197749-33	
Benzo(k)fluoranthene	µg/L	3.9	U	--		--	
bis(2-Chloroethoxy)methane	µg/L	9.7	U	--		--	
bis(2-Chloroethyl)ether	µg/L	9.7	U	--		--	
bis(2-Ethylhexyl)phthalate	µg/L	9.7	U	--		--	
Butyl benzyl phthalate	µg/L	3.9	U	--		--	
Caprolactam	µg/L	15	U	--		--	
Carbazole	µg/L	3.9	U	--		--	
Chrysene	µg/L	3.9	U	--		--	
Dibenz(a,h)anthracene	µg/L	9.7	U	--		--	
Dibenzofuran	µg/L	3.9	U	--		--	
Diethyl phthalate	µg/L	3.9	U	--		--	
Dimethyl phthalate	µg/L	3.9	U	--		--	
Di-n-butyl phthalate	µg/L	3.9	U	--		--	
Di-n-octyl phthalate	µg/L	9.7	U	--		--	
Fluoranthene	µg/L	3.9	U	--		--	
Fluorene	µg/L	3.9	U	--		--	
Hexachlorobenzene	µg/L	9.7	U	--		--	
Hexachlorobutadiene	µg/L	9.7	U	--		--	
Hexachlorocyclopentadiene	µg/L	49	U	--		--	
Hexachloroethane	µg/L	9.7	U	--		--	
Indeno(1,2,3-cd)pyrene	µg/L	9.7	U	--		--	
Isophorone	µg/L	9.7	U	--		--	
Naphthalene	µg/L	3.9	U	--		--	
Nitrobenzene	µg/L	9.7	U	--		--	
n-Nitrosodi-n-propylamine	µg/L	9.7	U	--		--	
N-Nitrosodiphenylamine	µg/L	9.7	U	--		--	
Pentachlorophenol	µg/L	49	U	--		--	
Phenanthrene	µg/L	3.9	U	--		--	
Phenol	µg/L	9.7	U	--		--	
Pyrene	µg/L	9.7	U	--		--	
Petroleum Hydrocarbons - SW8015D							
Gasoline Range Organics (GRO) C6-C10	µg/L	25	U	25	U	25	U
Diesel Range Organics (DRO) C10-C28	µg/L	250	U	--		--	
Oil Range Organics (ORO) C20-C38	µg/L	500	U	--		--	

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DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
Organochlorine Pesticides - SW8081B					
4,4'-DDD	µg/L	0.049	U	--	--
4,4'-DDE	µg/L	0.049	U	--	--
4,4'-DDT	µg/L	0.049	U	--	--
Aldrin	µg/L	0.049	U	--	--
alpha-BHC	µg/L	0.049	U	--	--
alpha-Chlordane	µg/L	0.049	U	--	--
beta-BHC	µg/L	0.049	UJ	--	--
delta-BHC	µg/L	0.049	U	--	--
Dieldrin	µg/L	0.049	U	--	--
Endosulfan I	µg/L	0.049	U	--	--
Endosulfan II	µg/L	0.049	U	--	--
Endosulfan sulfate	µg/L	0.049	U	--	--
Endrin	µg/L	0.049	U	--	--
Endrin aldehyde	µg/L	0.049	U	--	--
Endrin ketone	µg/L	0.049	U	--	--
gamma-BHC (Lindane)	µg/L	0.049	U	--	--
gamma-Chlordane	µg/L	0.049	U	--	--
Heptachlor	µg/L	**0.017**	**J**	--	--
Heptachlor epoxide	µg/L	0.049	U	--	--
Methoxychlor	µg/L	0.099	U	--	--
Toxaphene	µg/L	3.0	U	--	--
PCBs - SW8082					
Aroclor 1016	µg/L	0.99	U	--	--
Aroclor 1221	µg/L	0.99	U	--	--
Aroclor 1232	µg/L	0.99	U	--	--
Aroclor 1242	µg/L	0.99	U	--	--
Aroclor 1248	µg/L	0.99	U	--	--
Aroclor 1254	µg/L	0.99	U	--	--
Aroclor 1260	µg/L	0.99	U	--	--
Aroclor 1262	µg/L	0.99	U	--	--
Aroclor 1268	µg/L	0.99	U	--	--

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DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
Explosives - SW8330B					
1,3,5-Trinitrobenzene	µg/L	0.21	U	--	--
1,3-Dinitrobenzene	µg/L	0.11	U	--	--
2,4,6-Trinitrotoluene (TNT)	µg/L	0.11	U	--	--
2,4-Dinitrotoluene	µg/L	0.10	U	--	--
2,6-Dinitrotoluene	µg/L	0.10	U	--	--
2-Amino-4,6-dinitrotoluene	µg/L	0.11	U	--	--
4-Amino-2,6-dinitrotoluene	µg/L	0.15	U	--	--
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	0.21	U	--	--
m-Nitrotoluene	µg/L	0.41	UJ	--	--
Nitrobenzene	µg/L	0.21	U	--	--
Nitroglycerin	µg/L	2.1	U	--	--
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	µg/L	0.21	U	--	--
o-Nitrotoluene	µg/L	0.21	U	--	--
Pentaerythritol Tetranitrate (PETN)	µg/L	1.1	U	--	--
p-Nitrotoluene	µg/L	0.42	U	--	--
Trinitrophenylmethylnitramine (Tetryl)	µg/L	0.11	U	--	--
Herbicides - SW8321B					
2,4,5-T	µg/L	5.0	U	--	--
2,4,5-TP (Silvex)	µg/L	5.0	U	--	--
2,4-D	µg/L	5.0	U	--	--
2,4-DB	µg/L	6.0	U	--	--
Dicamba	µg/L	5.0	U	--	--
Dichloroprop	µg/L	5.0	U	--	--
Dinoseb	µg/L	5.0	U	--	--
MCPA	µg/L	5.0	U	--	--
MCPP	µg/L	5.0	U	--	--
Perchlorate - SW6850					
Perchlorate	µg/L	0.20	U	--	--

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water QC Samples Collected September and October 2024

SAMPLE ID:		QC08102024EB		QC07102024TB	QC08102024TB
DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
Metals, Total - SW6020B/SW7470A					
Aluminum	µg/L	200	U	--	--
Antimony	µg/L	2.0	U	--	--
Arsenic	µg/L	5.0	U	--	--
Barium	µg/L	3.0	U	--	--
Beryllium	µg/L	1.0	U	--	--
Cadmium	µg/L	1.0	U	--	--
Calcium	µg/L	**47**	**J**	--	--
Chromium	µg/L	3.0	U	--	--
Cobalt	µg/L	1.0	U	--	--
Copper	µg/L	2.0	U	--	--
Iron	µg/L	**13**	**J**	--	--
Lead	µg/L	1.0	U	--	--
Magnesium	µg/L	**11**	**J**	--	--
Manganese	µg/L	3.0	U	--	--
Mercury	µg/L	0.20	U	--	--
Nickel	µg/L	3.0	U	--	--
Potassium	µg/L	1,000	U	--	--
Selenium	µg/L	5.0	U	--	--
Silver	µg/L	1.0	U	--	--
Sodium	µg/L	**350**	**J**	--	--
Thallium	µg/L	1.0	U	--	--
Vanadium	µg/L	5.0	U	--	--
Zinc	µg/L	10	U	--	--

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water QC Samples Collected September and October 2024

SAMPLE ID:		QC08102024EB		QC07102024TB	QC08102024TB
DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
Metals, Dissolved - SW6020B/SW7470A					
Aluminum	µg/L	**41**	**J**	--	--
Antimony	µg/L	2.0	U	--	--
Arsenic	µg/L	5.0	U	--	--
Barium	µg/L	3.0	U	--	--
Beryllium	µg/L	0.60	X	--	--
Cadmium	µg/L	1.0	U	--	--
Calcium	µg/L	**140**	**J**	--	--
Chromium	µg/L	3.0	U	--	--
Cobalt	µg/L	1.0	U	--	--
Copper	µg/L	2.0	U	--	--
Iron	µg/L	200	U	--	--
Lead	µg/L	1.0	U	--	--
Magnesium	µg/L	**10**	**J**	--	--
Manganese	µg/L	3.0	U	--	--
Mercury	µg/L	0.20	U	--	--
Nickel	µg/L	3.0	U	--	--
Potassium	µg/L	1,000	U	--	--
Selenium	µg/L	5.0	U	--	--
Silver	µg/L	1.0	U	--	--
Sodium	µg/L	**340**	**J**	--	--
Thallium	µg/L	1.0	U	--	--
Vanadium	µg/L	5.0	U	--	--
Zinc	µg/L	10	U	--	--

Fort Wingate Depot Activity Northern Area
McKinley County, New Mexico
Northern Area Groundwater Sampling
Validated Data Summary for Water QC Samples Collected September and October 2024

SAMPLE ID:		QC08102024EB		QC07102024TB	QC08102024TB
DATE SAMPLED:		10/08/2024		10/07/2024	10/08/2024
LAB SAMPLE ID:		280-197749-45 280-197749-31		280-197749-32	280-197749-33
General Chemistry					
Orthophosphate as P - EPA 365.1					
Orthophosphate as P	µg/L	50	U	--	--
Anions - SW9056A					
Bromide	µg/L	500	U	--	--
Chloride	µg/L	3,000	U	--	--
Fluoride	µg/L	1,000	U	--	--
Nitrate as N	µg/L	500	U	--	--
Nitrite as N	µg/L	500	U	--	--
Sulfate	µg/L	5,000	U	--	--

QA NOTES AND DATA QUALIFIERS:

(NO CODE) - Confirmed identification.
U - Analyte was analyzed for but not detected above the reported limit of detection (LOQ).
UJ - Analyte not detected, reported LOQ may be inaccurate or imprecise.
J - Analyte detected, estimated concentration.
Detections are bolded.

NOTES:

µg/L - micrograms per liter
-- Analyte was not tested.

Attachment B

Checklists

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 6020 & 7470

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	Y	
IV.	Initial calibration/ICV/LLICV	Y	
V.	Continuing Calibration	N	See DVR
VI.	Laboratory Blanks- MB, ICB/CCB	N	See DVR
VI.	Field blanks	N	See DVR
VII.	Interference check standard	Y	
VIII.	Matrix spike/Matrix spike duplicate	N	See DVR
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	N	See DVR
XI.	Internal standards	Y	
XII.	Dilution test	Y	
XIII.	Post digestion spike	Y	
XIV.	Compound quantitation LOQ/LOD/DL	Y	
XV	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 6850

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV/LLICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB, ICB/CCB	Y	
VI.	Field blanks	Y	
VII.	Surrogate spikes	NA	
VIII.	Matrix spike/Matrix spike duplicate	Y	
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	Y	
XI.	Internal standards	Y	
XII.	Compound quantitation LOQ/LOD/DL	Y	
XIII.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8015

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VI.	Field blanks	Y	
VII.	Surrogate spikes	Y	
VIII.	Matrix spike/Matrix spike duplicate	NA	
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	Y	
XI.	Internal standards	Y	
XII.	Compound quantitation LOQ/LOD/DL	Y	
XIII.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8081

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/DDT-Endrin Breakdown	Y	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VII.	Surrogates	Y	
VIII.	Field Blanks	Y	
IX.	Matrix spike/Matrix spike duplicate	NA	
X.	Laboratory control samples	N	See DVR
XI.	Lab duplicates	NA	
XII.	Internal standards	Y	
XIII.	Compound quantitation LOQ/LOD/DL	Y	
XIV.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8082

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VII.	Surrogates	Y	
VIII.	Field Blanks	Y	
IX.	Matrix spike/Matrix spike duplicate	NA	
X.	Laboratory control samples	Y	
XI.	Lab duplicates	NA	
XII.	Internal standards	Y	
XIII.	Column Confirmation	Y	
XIV.	Compound quantitation LOQ/LOD/DL	Y	
XV	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8260

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	Y	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	N	See DVR
VI.	Laboratory Blanks- MB	Y	
VI.	Field blanks	Y	
VII.	Surrogate spikes	Y	
VIII.	Matrix spike/Matrix spike duplicate	Y	
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	Y	
XI.	Internal standards	Y	
XII.	Compound quantitation LOQ/LOD/DL	Y	
XIII.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8270

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	Y	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VI.	Field blanks	Y	
VII.	Surrogate spikes	Y	
VIII.	Matrix spike/Matrix spike duplicate	NA	
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	Y	
XI.	Internal standards	Y	
XII.	Compound quantitation LOQ/LOD/DL	Y	
XIII.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8321

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	Y	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VI.	Field blanks	Y	
VII.	Surrogate spikes	Y	
VIII.	Matrix spike/Matrix spike duplicate	NA	
IX.	Laboratory control samples	Y	
X.	Field duplicates/Field triplicates	NA	
XI.	Internal standards	Y	
XII.	Compound quantitation LOQ/LOD/DL	Y	
XIII.	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 8330

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Initial calibration/ICV	Y	
IV.	Continuing Calibration	Y	
V.	Laboratory Blanks- MB	Y	
VI.	Surrogates	N	See DVR
VII.	Field Blanks	Y	
VIII.	Matrix spike/Matrix spike duplicate	NA	
IX.	Laboratory control samples	N	See DVR
X.	Lab duplicates	NA	
XI.	Field duplicates	Y	
XII.	External standards	Y	
XIII.	Column Confirmation	N	See DVR
XIV.	Compound quantitation LOQ/LOD/DL	Y	
XV	Target compound identification	Y	

VALIDATION CHECKLIST

SDG#: 280-197749 **Date**: 2/14/25

Laboratory: EETA **Reviewer:** Kortney Curry

Method: 9056A & 365.1

	Validation Area	Acceptable? Y/N/NA	Comments
I.	Case narrative	Y	
II.	Sample receipt/Technical holding times	Y	
III.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB, ICB/CCB	Y	
VI.	Field blanks	Y	
VII.	Matrix spike/Matrix spike duplicate	N	See DVR
VIII.	Laboratory control samples	Y	
IX.	Lab duplicates	Y	
X.	Field duplicates/Field triplicates	Y	
XI.	External standards	NA	
XII.	Dilution test	NA	
XIII.	Post digestion spike	NA	
XIV.	Compound quantitation LOQ/LOD/DL	Y	
XV	Target compound identification	N	See DVR

Attachment C

ADR Summary Report

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Lab Reporting Batch: 280-197749-1						
Method: 365.1						
TMW03102024	280-197749-18	Water	Field_Sample	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
BGMW13S102024	280-197749-23	Water	Field_Sample	Gen Prep	10/8/2024 12:20:00 PM	S2AVE
FDUP09-102024	280-197749-30	Water	Field_Duplicate	Gen Prep	10/8/2024 12:10:00 PM	S2AVE
FDUP09-102024MS	280-197749-30MS	Water	Matrix_Spike	Gen Prep	10/8/2024 12:10:00 PM	S2AVE
TMW43102024	280-197749-29	Water	Field_Sample	Gen Prep	10/8/2024 11:55:00 AM	S2AVE
TMW24102024	280-197749-21	Water	Field_Sample	Gen Prep	10/8/2024 8:40:00 AM	S2AVE
FDUP09-102024MSD	280-197749-30MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/8/2024 12:10:00 PM	S2AVE
BGMW13D102024	280-197749-24	Water	Field_Sample	Gen Prep	10/8/2024 2:30:00 PM	S2AVE
QC08102024EBMSD	280-197749-31MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/8/2024 2:00:00 PM	S2AVE
QC08102024EBMS	280-197749-31MS	Water	Matrix_Spike	Gen Prep	10/8/2024 2:00:00 PM	S2AVE
FDUP10-102024	280-197749-25	Water	Field_Duplicate	Gen Prep	10/8/2024 12:30:00 PM	S2AVE
MW30102024	280-197749-19	Water	Field_Sample	Gen Prep	10/8/2024 7:30:00 AM	S2AVE
TMW13102024	280-197749-20	Water	Field_Sample	Gen Prep	10/8/2024 12:00:00 PM	S2AVE
TMW45102024	280-197749-27	Water	Field_Sample	Gen Prep	10/8/2024 8:30:00 AM	S2AVE
MW31102024	280-197749-28	Water	Field_Sample	Gen Prep	10/8/2024 8:10:00 AM	S2AVE
MW39102024	280-197749-26	Water	Field_Sample	Gen Prep	10/8/2024 8:50:00 AM	S2AVE
QC08102024EB	280-197749-31	Water	Equipment_Blank	Gen Prep	10/8/2024 2:00:00 PM	S2AVE
TMW31D102024	280-197749-22	Water	Field_Sample	Gen Prep	10/8/2024 10:20:00 AM	S2AVE
Method: 6020B						
TMW17102024	280-197749-9	Water	Field_Sample	3005A	10/7/2024 11:25:00 AM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	3005A	10/8/2024 8:50:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	3020A	10/8/2024 10:20:00 AM	S2AVE
TMW45102024	280-197749-36	Water	Field_Sample	3020A	10/8/2024 8:30:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 6020B						
TMW59102024	280-197749-14	Water	Field_Sample	3005A	10/7/2024 10:25:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	3020A	10/8/2024 10:10:00 AM	S2AVE
TMW28102024	280-197749-3	Water	Field_Sample	3020A	10/7/2024 8:20:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	3005A	10/8/2024 2:30:00 PM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	3020A	10/8/2024 7:30:00 AM	S2AVE
TMW24102024	280-197749-39	Water	Field_Sample	3020A	10/8/2024 8:40:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	3020A	10/7/2024 8:45:00 AM	S2AVE
FW31102024	280-197749-17	Water	Field_Sample	3020A	10/7/2024 12:15:00 PM	S2AVE
TMW13102024	280-197749-44	Water	Field_Sample	3020A	10/8/2024 12:00:00 PM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	3005A	10/7/2024 7:30:00 AM	S2AVE
TMW13102024	280-197749-44	Water	Field_Sample	3005A	10/8/2024 12:00:00 PM	S2AVE
FW31102024	280-197749-17	Water	Field_Sample	3005A	10/7/2024 12:15:00 PM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	3005A	10/8/2024 10:10:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	3020A	10/7/2024 8:10:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	3005A	10/8/2024 8:10:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	3005A	10/8/2024 10:20:00 AM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	3005A	10/7/2024 7:40:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	3005A	10/8/2024 12:30:00 PM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	3020A	10/7/2024 8:40:00 AM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	3020A	10/7/2024 2:00:00 PM	S2AVE
TMW17102024	280-197749-9	Water	Field_Sample	3020A	10/7/2024 11:25:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	3020A	10/7/2024 10:25:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	3020A	10/8/2024 2:00:00 PM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	3005A	10/7/2024 2:00:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 6020B						
TMW39S102024	280-197749-8	Water	Field_Sample	3020A	10/7/2024 10:00:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	3020A	10/7/2024 9:10:00 AM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	3020A	10/8/2024 11:55:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	3005A	10/7/2024 8:45:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	3005A	10/7/2024 9:10:00 AM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	3020A	10/7/2024 7:20:00 AM	S2AVE
TMW28102024	280-197749-3	Water	Field_Sample	3005A	10/7/2024 8:20:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	3005A	10/8/2024 2:00:00 PM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	3020A	10/7/2024 7:30:00 AM	S2AVE
TMW28102024MSD	280-197749-3MSD	Water	Matrix_Spike_Duplicate	3005A	10/7/2024 8:20:00 AM	S2AVE
TMW24102024	280-197749-39	Water	Field_Sample	3005A	10/8/2024 8:40:00 AM	S2AVE
BGMW13D102024MS	280-197749-48MS	Water	Matrix_Spike	3005A	10/8/2024 2:30:00 PM	S2AVE
TMW14A102024	280-197749-42	Water	Field_Sample	3020A	10/8/2024 9:30:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	3020A	10/7/2024 10:40:00 AM	S2AVE
FDUP08-102024	280-197749-12	Water	Field_Duplicate	3020A	10/7/2024 11:35:00 AM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	3005A	10/8/2024 7:30:00 AM	S2AVE
FDUP09-102024	280-197749-43	Water	Field_Duplicate	3020A	10/8/2024 12:10:00 PM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	3005A	10/7/2024 7:20:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	3005A	10/7/2024 8:40:00 AM	S2AVE
TMW45102024	280-197749-36	Water	Field_Sample	3005A	10/8/2024 8:30:00 AM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	3020A	10/8/2024 8:50:00 AM	S2AVE
TMW39S102024	280-197749-8	Water	Field_Sample	3005A	10/7/2024 10:00:00 AM	S2AVE
TMW28102024MS	280-197749-3MS	Water	Matrix_Spike	3020A	10/7/2024 8:20:00 AM	S2AVE
TMW14A102024	280-197749-42	Water	Field_Sample	3005A	10/8/2024 9:30:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 6020B						
TMW57102024	280-197749-13	Water	Field_Sample	3005A	10/7/2024 10:40:00 AM	S2AVE
BGMW13D102024MSD	280-197749-48MSD	Water	Matrix_Spike_Duplicate	3005A	10/8/2024 2:30:00 PM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	3020A	10/8/2024 2:30:00 PM	S2AVE
FDUP08-102024	280-197749-12	Water	Field_Duplicate	3005A	10/7/2024 11:35:00 AM	S2AVE
TMW28102024MSD	280-197749-3MSD	Water	Matrix_Spike_Duplicate	3020A	10/7/2024 8:20:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	3020A	10/8/2024 12:20:00 PM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	3020A	10/7/2024 9:40:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	3005A	10/7/2024 9:40:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	3005A	10/7/2024 8:10:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	3020A	10/8/2024 8:10:00 AM	S2AVE
TMW28102024MS	280-197749-3MS	Water	Matrix_Spike	3005A	10/7/2024 8:20:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	3005A	10/8/2024 12:20:00 PM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	3020A	10/7/2024 7:40:00 AM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	3020A	10/7/2024 12:00:00 PM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	3005A	10/8/2024 11:55:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	3020A	10/8/2024 12:30:00 PM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	3005A	10/7/2024 12:00:00 PM	S2AVE
FDUP09-102024	280-197749-43	Water	Field_Duplicate	3005A	10/8/2024 12:10:00 PM	S2AVE
Method: 6850						
MW26102024	280-197749-5	Water	Field_Sample	Gen Prep	10/7/2024 9:10:00 AM	S2AVE
FDUP08-102024	280-197749-12	Water	Field_Duplicate	Gen Prep	10/7/2024 11:35:00 AM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	Gen Prep	10/7/2024 12:00:00 PM	S2AVE
TMW39S102024	280-197749-8	Water	Field_Sample	Gen Prep	10/7/2024 10:00:00 AM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	Gen Prep	10/8/2024 7:30:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 6850						
FDUP07102024	280-197749-1	Water	Field_Duplicate	Gen Prep	10/7/2024 7:40:00 AM	S2AVE
TMW13102024	280-197749-44	Water	Field_Sample	Gen Prep	10/8/2024 12:00:00 PM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	Gen Prep	10/8/2024 8:50:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	Gen Prep	10/7/2024 10:40:00 AM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	Gen Prep	10/8/2024 11:55:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	Gen Prep	10/7/2024 8:10:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	Gen Prep	10/7/2024 8:40:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	Gen Prep	10/8/2024 2:00:00 PM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	Gen Prep	10/7/2024 7:30:00 AM	S2AVE
TMW17102024	280-197749-9	Water	Field_Sample	Gen Prep	10/7/2024 11:25:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	Gen Prep	10/8/2024 10:20:00 AM	S2AVE
TMW14A102024	280-197749-42	Water	Field_Sample	Gen Prep	10/8/2024 9:30:00 AM	S2AVE
MW34102024MS	280-197749-6MS	Water	Matrix_Spike	Gen Prep	10/7/2024 8:40:00 AM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	Gen Prep	10/7/2024 7:20:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	Gen Prep	10/7/2024 9:40:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	Gen Prep	10/8/2024 12:30:00 PM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	Gen Prep	10/7/2024 10:25:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	Gen Prep	10/8/2024 12:20:00 PM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	Gen Prep	10/8/2024 8:10:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	Gen Prep	10/7/2024 8:45:00 AM	S2AVE
FDUP09-102024	280-197749-43	Water	Field_Duplicate	Gen Prep	10/8/2024 12:10:00 PM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	Gen Prep	10/8/2024 2:30:00 PM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	Gen Prep	10/7/2024 2:00:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 6850						
MW34102024MSD	280-197749-6MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/7/2024 8:40:00 AM	S2AVE
Method: 7470A						
TMW14A102024	280-197749-42	Water	Field_Sample	7470A	10/8/2024 9:30:00 AM	S2AVE
TMW28102024	280-197749-3	Water	Field_Sample	7470A	10/7/2024 8:20:00 AM	S2AVE
TMW45102024	280-197749-36	Water	Field_Sample	7470A	10/8/2024 8:30:00 AM	S2AVE
FW31102024	280-197749-17	Water	Field_Sample	7470A	10/7/2024 12:15:00 PM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	7470A	10/7/2024 8:10:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	7470A	10/7/2024 10:25:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	7470A	10/7/2024 10:40:00 AM	S2AVE
TMW39S102024	280-197749-8	Water	Field_Sample	7470A	10/7/2024 10:00:00 AM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	7470A	10/7/2024 7:30:00 AM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	7470A	10/8/2024 11:55:00 AM	S2AVE
MW30102024MS	280-197749-35MS	Water	Matrix_Spike	7470A	10/8/2024 7:30:00 AM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	7470A	10/7/2024 12:00:00 PM	S2AVE
FDUP08-102024	280-197749-12	Water	Field_Duplicate	7470A	10/7/2024 11:35:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	7470A	10/8/2024 2:00:00 PM	S2AVE
MW30102024MSD	280-197749-35MSD	Water	Matrix_Spike_Duplicate	7470A	10/8/2024 7:30:00 AM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	7470A	10/8/2024 8:50:00 AM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	7470A	10/8/2024 7:30:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	7470A	10/8/2024 10:10:00 AM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	7470A	10/7/2024 7:20:00 AM	S2AVE
FDUP09-102024	280-197749-43	Water	Field_Duplicate	7470A	10/8/2024 12:10:00 PM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	7470A	10/8/2024 2:30:00 PM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	7470A	10/8/2024 12:30:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 7470A						
MW31102024	280-197749-34	Water	Field_Sample	7470A	10/8/2024 8:10:00 AM	S2AVE
TMW17102024	280-197749-9	Water	Field_Sample	7470A	10/7/2024 11:25:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	7470A	10/7/2024 9:10:00 AM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	7470A	10/7/2024 2:00:00 PM	S2AVE
TMW28102024MSD	280-197749-3MSD	Water	Matrix_Spike_Duplicate	7470A	10/7/2024 8:20:00 AM	S2AVE
TMW13102024	280-197749-44	Water	Field_Sample	7470A	10/8/2024 12:00:00 PM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	7470A	10/7/2024 7:40:00 AM	S2AVE
TMW28102024MS	280-197749-3MS	Water	Matrix_Spike	7470A	10/7/2024 8:20:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	7470A	10/8/2024 10:20:00 AM	S2AVE
TMW24102024	280-197749-39	Water	Field_Sample	7470A	10/8/2024 8:40:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	7470A	10/7/2024 8:45:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	7470A	10/7/2024 8:40:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	7470A	10/7/2024 9:40:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	7470A	10/8/2024 12:20:00 PM	S2AVE
Method: 8015D-DRO						
MW27102024	280-197749-4	Water	Field_Sample	3510C	10/7/2024 7:20:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	3510C	10/8/2024 12:20:00 PM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	3510C	10/8/2024 8:50:00 AM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	3510C	10/7/2024 7:30:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	3510C	10/7/2024 10:25:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	3510C	10/7/2024 8:45:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	3510C	10/8/2024 2:30:00 PM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	3510C	10/7/2024 12:00:00 PM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	3510C	10/7/2024 8:10:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 8015D-DRO						
TMW57102024	280-197749-13	Water	Field_Sample	3510C	10/7/2024 10:40:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	3510C	10/8/2024 8:10:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	3510C	10/8/2024 2:00:00 PM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	3510C	10/8/2024 7:30:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	3510C	10/7/2024 9:40:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	3510C	10/7/2024 9:10:00 AM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	3510C	10/7/2024 7:40:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	3510C	10/8/2024 12:30:00 PM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	3510C	10/7/2024 8:40:00 AM	S2AVE
Method: 8015D-GRO						
TMW61102024	280-197749-11	Water	Field_Sample	Gen Prep	10/7/2024 12:00:00 PM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	Gen Prep	10/7/2024 10:25:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	Gen Prep	10/8/2024 8:10:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	Gen Prep	10/8/2024 12:20:00 PM	S2AVE
QC07102024TB	280-197749-32	Water	Trip_Blank	Gen Prep	10/7/2024 8:00:00 AM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	Gen Prep	10/8/2024 8:50:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	Gen Prep	10/8/2024 12:30:00 PM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	Gen Prep	10/7/2024 7:20:00 AM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	Gen Prep	10/7/2024 7:30:00 AM	S2AVE
QC08102024TB	280-197749-33	Water	Trip_Blank	Gen Prep	10/8/2024 8:00:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	Gen Prep	10/7/2024 10:40:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	Gen Prep	10/7/2024 8:10:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	Gen Prep	10/7/2024 9:40:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	Gen Prep	10/8/2024 2:00:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 8015D-GRO						
FDUP07102024	280-197749-1	Water	Field_Duplicate	Gen Prep	10/7/2024 7:40:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	Gen Prep	10/7/2024 8:40:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	Gen Prep	10/7/2024 9:10:00 AM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	Gen Prep	10/8/2024 7:30:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	Gen Prep	10/8/2024 2:30:00 PM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	Gen Prep	10/7/2024 8:45:00 AM	S2AVE
Method: 8081B						
QC08102024EB	280-197749-45	Water	Equipment_Blank	3510C	10/8/2024 2:00:00 PM	S2AVE
Method: 8082A						
QC08102024EB	280-197749-45	Water	Equipment_Blank	3510C	10/8/2024 2:00:00 PM	S2AVE
Method: 8260D						
TMW53102024	280-197749-15	Water	Field_Sample	5030B	10/7/2024 9:40:00 AM	S2AVE
TMW45102024	280-197749-36	Water	Field_Sample	5030B	10/8/2024 8:30:00 AM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	5030B	10/8/2024 7:30:00 AM	S2AVE
FDUP08-102024	280-197749-12	Water	Field_Duplicate	5030B	10/7/2024 11:35:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	5030B	10/8/2024 12:30:00 PM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	5030B	10/8/2024 8:50:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	5030B	10/7/2024 10:25:00 AM	S2AVE
FW31102024	280-197749-17	Water	Field_Sample	5030B	10/7/2024 12:15:00 PM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	5030B	10/7/2024 7:40:00 AM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	5030B	10/8/2024 2:00:00 PM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	5030B	10/7/2024 8:45:00 AM	S2AVE
FDUP09-102024	280-197749-43	Water	Field_Duplicate	5030B	10/8/2024 12:10:00 PM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	5030B	10/8/2024 8:10:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 8260D						
BGMW13S102024	280-197749-46	Water	Field_Sample	5030B	10/8/2024 12:20:00 PM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	5030B	10/7/2024 12:00:00 PM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	5030B	10/8/2024 11:55:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	5030B	10/8/2024 2:30:00 PM	S2AVE
QC07102024TB	280-197749-32	Water	Trip_Blank	5030B	10/7/2024 8:00:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	5030B	10/7/2024 10:40:00 AM	S2AVE
TMW28102024MS	280-197749-3MS	Water	Matrix_Spike	5030B	10/7/2024 8:20:00 AM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	5030B	10/7/2024 7:20:00 AM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	5030B	10/7/2024 2:00:00 PM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	5030B	10/7/2024 7:30:00 AM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	5030B	10/7/2024 9:10:00 AM	S2AVE
QC08102024TB	280-197749-33	Water	Trip_Blank	5030B	10/8/2024 8:00:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	5030B	10/8/2024 10:20:00 AM	S2AVE
TMW13102024	280-197749-44	Water	Field_Sample	5030B	10/8/2024 12:00:00 PM	S2AVE
TMW39S102024	280-197749-8	Water	Field_Sample	5030B	10/7/2024 10:00:00 AM	S2AVE
TMW24102024	280-197749-39	Water	Field_Sample	5030B	10/8/2024 8:40:00 AM	S2AVE
TMW17102024	280-197749-9	Water	Field_Sample	5030B	10/7/2024 11:25:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	5030B	10/7/2024 8:40:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	5030B	10/8/2024 10:10:00 AM	S2AVE
TMW28102024	280-197749-3	Water	Field_Sample	5030B	10/7/2024 8:20:00 AM	S2AVE
TMW14A102024	280-197749-42	Water	Field_Sample	5030B	10/8/2024 9:30:00 AM	S2AVE
TMW28102024MSD	280-197749-3MSD	Water	Matrix_Spike_Duplicate	5030B	10/7/2024 8:20:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	5030B	10/7/2024 8:10:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 8270E						
MW30102024	280-197749-35	Water	Field_Sample	3510C	10/8/2024 7:30:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	3510C	10/8/2024 10:10:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	3510C	10/8/2024 12:20:00 PM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	3510C	10/7/2024 7:20:00 AM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	3510C	10/7/2024 7:40:00 AM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	3510C	10/7/2024 2:00:00 PM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	3510C	10/7/2024 9:10:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	3510C	10/7/2024 8:40:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	3510C	10/8/2024 12:30:00 PM	S2AVE
TMW14A102024	280-197749-42	Water	Field_Sample	3510C	10/8/2024 9:30:00 AM	S2AVE
TMW45102024	280-197749-36	Water	Field_Sample	3510C	10/8/2024 8:30:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	3510C	10/8/2024 2:30:00 PM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	3510C	10/8/2024 2:00:00 PM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	3510C	10/7/2024 10:40:00 AM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	3510C	10/7/2024 7:30:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	3510C	10/7/2024 10:25:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	3510C	10/7/2024 8:10:00 AM	S2AVE
TMW39S102024	280-197749-8	Water	Field_Sample	3510C	10/7/2024 10:00:00 AM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	3510C	10/7/2024 8:45:00 AM	S2AVE
MW39102024	280-197749-38	Water	Field_Sample	3510C	10/8/2024 8:50:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	3510C	10/8/2024 8:10:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	3510C	10/7/2024 9:40:00 AM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	3510C	10/7/2024 12:00:00 PM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	3510C	10/8/2024 11:55:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 8321B						
QC08102024EB	280-197749-45	Water	Equipment_Blank	Gen Prep	10/8/2024 2:00:00 PM	S2AVE
Method: 8330B						
MW39102024	280-197749-38	Water	Field_Sample	3535	10/8/2024 8:50:00 AM	S2AVE
TMW57102024	280-197749-13	Water	Field_Sample	3535	10/7/2024 10:40:00 AM	S2AVE
TMW53102024	280-197749-15	Water	Field_Sample	3535	10/7/2024 9:40:00 AM	S2AVE
MW33102024	280-197749-2	Water	Field_Sample	3535	10/7/2024 7:30:00 AM	S2AVE
BGMW13D102024	280-197749-48	Water	Field_Sample	3535	10/8/2024 2:30:00 PM	S2AVE
MW27102024	280-197749-4	Water	Field_Sample	3535	10/7/2024 7:20:00 AM	S2AVE
MW36S102024	280-197749-10	Water	Field_Sample	3535	10/7/2024 8:10:00 AM	S2AVE
MW34102024	280-197749-6	Water	Field_Sample	3535	10/7/2024 8:40:00 AM	S2AVE
TMW03102024	280-197749-37	Water	Field_Sample	3535	10/8/2024 10:10:00 AM	S2AVE
TMW49102024	280-197749-16	Water	Field_Sample	3535	10/7/2024 2:00:00 PM	S2AVE
FDUP07102024	280-197749-1	Water	Field_Duplicate	3535	10/7/2024 7:40:00 AM	S2AVE
TMW59102024	280-197749-14	Water	Field_Sample	3535	10/7/2024 10:25:00 AM	S2AVE
TMW43102024	280-197749-41	Water	Field_Sample	3535	10/8/2024 11:55:00 AM	S2AVE
TMW31D102024	280-197749-40	Water	Field_Sample	3535	10/8/2024 10:20:00 AM	S2AVE
BGMW13S102024	280-197749-46	Water	Field_Sample	3535	10/8/2024 12:20:00 PM	S2AVE
MW36D102024	280-197749-7	Water	Field_Sample	3535	10/7/2024 8:45:00 AM	S2AVE
TMW61102024	280-197749-11	Water	Field_Sample	3535	10/7/2024 12:00:00 PM	S2AVE
MW30102024	280-197749-35	Water	Field_Sample	3535	10/8/2024 7:30:00 AM	S2AVE
MW31102024	280-197749-34	Water	Field_Sample	3535	10/8/2024 8:10:00 AM	S2AVE
FDUP10-102024	280-197749-47	Water	Field_Duplicate	3535	10/8/2024 12:30:00 PM	S2AVE
QC08102024EB	280-197749-45	Water	Equipment_Blank	3535	10/8/2024 2:00:00 PM	S2AVE
MW26102024	280-197749-5	Water	Field_Sample	3535	10/7/2024 9:10:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code
Method: 9056A						
MW30102024	280-197749-19	Water	Field_Sample	Gen Prep	10/8/2024 7:30:00 AM	S2AVE
TMW45102024	280-197749-27	Water	Field_Sample	Gen Prep	10/8/2024 8:30:00 AM	S2AVE
MW31102024	280-197749-28	Water	Field_Sample	Gen Prep	10/8/2024 8:10:00 AM	S2AVE
TMW43102024	280-197749-29	Water	Field_Sample	Gen Prep	10/8/2024 11:55:00 AM	S2AVE
TMW31D102024	280-197749-22	Water	Field_Sample	Gen Prep	10/8/2024 10:20:00 AM	S2AVE
TMW13102024	280-197749-20	Water	Field_Sample	Gen Prep	10/8/2024 12:00:00 PM	S2AVE
BGMW13D102024	280-197749-24	Water	Field_Sample	Gen Prep	10/8/2024 2:30:00 PM	S2AVE
TMW03102024DUP	280-197749-18DUP	Water	Duplicate	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
MW39102024	280-197749-26	Water	Field_Sample	Gen Prep	10/8/2024 8:50:00 AM	S2AVE
TMW03102024MS	280-197749-18MS	Water	Matrix_Spike	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
FDUP09-102024	280-197749-30	Water	Field_Duplicate	Gen Prep	10/8/2024 12:10:00 PM	S2AVE
TMW24102024	280-197749-21	Water	Field_Sample	Gen Prep	10/8/2024 8:40:00 AM	S2AVE
FDUP10-102024	280-197749-25	Water	Field_Duplicate	Gen Prep	10/8/2024 12:30:00 PM	S2AVE
TMW03102024	280-197749-18	Water	Field_Sample	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
BGMW13S102024	280-197749-23	Water	Field_Sample	Gen Prep	10/8/2024 12:20:00 PM	S2AVE
TMW03102024MSD	280-197749-18MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/8/2024 10:10:00 AM	S2AVE
QC08102024EB	280-197749-31	Water	Equipment_Blank	Gen Prep	10/8/2024 2:00:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: TAL DEN**

Client Sample ID	Lab Sample ID	Matrix	Sample Type	Preparation Method	Collection Date	Validation Code

Validation Label Legend

Label Code	Label Decription	EPA Level
S1VE	Stage_1_Validation_Electronic	N/A
S1VM	Stage_1_Validation_Manual	N/A
S1VEM	Stage_1_Validation_Electronic_and_Manual	N/A
S2AVE	Stage_2A_Validation_Electronic	Level 3 w/o calibration
S2AVM	Stage_2A_Validation_Manual	Level 3 w/o calibration
S2AVEM	Stage_2A_Validation_Electronic_and_Manual	Level 3 w/o calibration
S2BVE	Stage_2B_Validation_Electronic	Level 3 with calibration
S2BVM	Stage_2B_Validation_Manual	Level 3 with calibration
S2BVEM	Stage_2B_Validation_Electronic_and_Manual	Level 3 with calibration
S3VE	Stage_3_Validation_Electronic	Level 4
S3VM	Stage_3_Validation_Manual	Level 4
S3VEM	Stage_3_Validation_Electronic_and_Manual	Level 4
S4VE	Stage_4_Validation_Electronic	Level 4
S4VM	Stage_4_Validation_Manual	Level 4
S4VEM	Stage_4_Validation_Electronic_and_Manual	Level 4
NV	Not_Validated	N/A

Data Review Summary

Lab Reporting Batch ID: 280-197749-1

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate

Laboratory: TAL DEN

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

Validation Area	*Note*
Technical Holding Times	A
Temperature	A
Initial Calibration	N
Continuing Calibration/Initial Calibration Verification	N
Method Blanks	SR
Surrogate/Tracer Spikes	SR
Matrix Spike/Matrix Spike Duplicates	SR
Laboratory Duplicates	A
Laboratory Replicates	N
Laboratory Control Samples	SR
Compound Quantitation	SR
Field Duplicates	SR
Field Triplicates	N
Field Blanks	SR

A = Acceptable, N = Not provided/applicable, SR = See report

The contents of this report reflect findings made by ADR during Automated Data Review, manual applied qualifiers are not considered. Please refer to the Overall Qualifier Summary report for manual qualifiers.

Temperature Outliers

Lab Reporting Batch ID: 280-197749-1

Laboratory: TAL DEN

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

No Data Review Qualifiers Applie

QC Outlier Report: HoldingTimes

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

No Data Review Qualifiers Applie

Project Name and Number: Fort Wingate Depot

Trip Blank Outlier Report

Lab Reporting Batch ID: 280-197749-1

Laboratory: TAL DEN

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

No Data Review Qualifiers Applie

Equipment Rinsate Blank Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

Equipment Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
QC08102024EB(Initial/DIS)	10/8/2024 2:00:00 PM	ALUMINUM CALCIUM MAGNESIUM SODIUM	41 ug/L 140 ug/L 10 ug/L 340 ug/L	BGMW13D102024 BGMW13S102024 FDUP07102024 FDUP08-102024 FDUP09-102024 FDUP10-102024 FW31102024 MW26102024 MW27102024 MW30102024 MW31102024 MW33102024 MW34102024 MW36D102024 MW36S102024 MW39102024 TMW03102024 TMW13102024 TMW14A102024 TMW17102024 TMW24102024 TMW28102024 TMW31D102024 TMW39S102024 TMW43102024 TMW45102024 TMW49102024 TMW53102024 TMW57102024 TMW59102024 TMW61102024
QC08102024EB(Initial/TOT)	10/8/2024 2:00:00 PM	CALCIUM IRON MAGNESIUM SODIUM	47 ug/L 13 ug/L 11 ug/L 350 ug/L	BGMW13D102024 BGMW13S102024 FDUP07102024 FDUP08-102024 FDUP09-102024 FDUP10-102024 FW31102024 MW26102024 MW27102024 MW30102024 MW31102024 MW33102024 MW34102024 MW36D102024 MW36S102024 MW39102024 TMW03102024 TMW13102024 TMW14A102024 TMW17102024 TMW24102024 TMW28102024 TMW31D102024 TMW39S102024 TMW43102024 TMW45102024 TMW49102024 TMW53102024 TMW57102024 TMW59102024 TMW61102024

Equipment Rinsate Blank Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

Equipment Blank Sample ID	Collected Date	Analyte	Result	Associated Samples

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
BGMW13S102024(Initial/DIS)	ALUMINUM	14 ug/L	200U ug/L
FDUP07102024(Initial/DIS)	ALUMINUM	34 ug/L	200U ug/L
FDUP08-102024(Initial/DIS)	ALUMINUM	42 ug/L	200U ug/L
FDUP09-102024(Initial/DIS)	ALUMINUM	10 ug/L	200U ug/L
FDUP09-102024(Initial/TOT)	IRON	41 ug/L	200U ug/L
FDUP10-102024(Initial/DIS)	ALUMINUM	17 ug/L	200U ug/L
MW33102024(Initial/DIS)	ALUMINUM	31 ug/L	200U ug/L
MW36S102024(Initial/DIS)	ALUMINUM	8.8 ug/L	200U ug/L
MW39102024(Initial/DIS)	ALUMINUM	10 ug/L	200U ug/L
TMW03102024(Initial/DIS)	ALUMINUM	11 ug/L	200U ug/L
TMW03102024(Initial/TOT)	IRON	36 ug/L	200U ug/L
TMW14A102024(Initial/DIS)	ALUMINUM	8.6 ug/L	200U ug/L
TMW17102024(Initial/DIS)	ALUMINUM	44 ug/L	200U ug/L
TMW31D102024(Initial/DIS)	ALUMINUM	8.9 ug/L	200U ug/L
TMW31D102024(Initial/TOT)	IRON	19 ug/L	200U ug/L
TMW43102024(Initial/DIS)	ALUMINUM	8.3 ug/L	200U ug/L
TMW43102024(Initial/TOT)	IRON	13 ug/L	200U ug/L

Method Blank Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-670393/1-A	10/15/2024 8:43:24 AM	ALUMINUM ANTIMONY IRON MAGNESIUM SILVER	48.2 ug/L 0.836 ug/L 41.9 ug/L 13.2 ug/L 0.0680 ug/L	BGMW13D102024 BGMW13S102024 FDUP09-102024 FDUP10-102024 MW30102024 MW31102024 MW39102024 QC08102024EB TMW03102024 TMW13102024 TMW14A102024 TMW24102024 TMW31D102024 TMW43102024 TMW45102024
MB 280-670421/1-A	10/12/2024 11:12:57 AM	ALUMINUM MAGNESIUM ZINC	15.2 ug/L 17.5 ug/L 2.16 ug/L	FW31102024 MW31102024 TMW49102024 TMW53102024 TMW59102024
MB 280-670423/1-A	10/24/2024 12:37:40 PM	CALCIUM MAGNESIUM	198 ug/L 43.1 ug/L	BGMW13D102024 BGMW13S102024 FDUP09-102024 FDUP10-102024 MW30102024 MW39102024 QC08102024EB TMW03102024 TMW13102024 TMW14A102024 TMW24102024 TMW31D102024 TMW43102024 TMW45102024

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
BGMW13D102024(Initial/DIS)	IRON	190 ug/L	200U ug/L
BGMW13S102024(Initial/DIS)	ALUMINUM	14 ug/L	200U ug/L
FDUP09-102024(Initial/DIS)	ALUMINUM	10 ug/L	200U ug/L
FDUP09-102024(Initial/DIS)	IRON	24 ug/L	200U ug/L
FDUP10-102024(Initial/DIS)	ALUMINUM	17 ug/L	200U ug/L
FW31102024(Initial/TOT)	ZINC	3.5 ug/L	10U ug/L
MW30102024(Initial/DIS)	IRON	10 ug/L	200U ug/L
MW31102024(Initial/DIS)	SILVER	0.23 ug/L	1.0U ug/L
MW31102024(Initial/TOT)	ZINC	9.5 ug/L	10U ug/L
MW39102024(Initial/DIS)	ALUMINUM	10 ug/L	200U ug/L
MW39102024(Initial/DIS)	IRON	14 ug/L	200U ug/L
QC08102024EB(Initial/DIS)	ALUMINUM	41 ug/L	200U ug/L
QC08102024EB(Initial/DIS)	MAGNESIUM	10 ug/L	200U ug/L
QC08102024EB(Initial/TOT)	CALCIUM	47 ug/L	200U ug/L
QC08102024EB(Initial/TOT)	MAGNESIUM	11 ug/L	200U ug/L

Method Blank Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
TMW03102024(Initial/DIS)	ALUMINUM	11 ug/L	200U ug/L
TMW13102024(Initial/DIS)	IRON	23 ug/L	200U ug/L
TMW14A102024(Initial/DIS)	ALUMINUM	8.6 ug/L	200U ug/L
TMW14A102024(Initial/DIS)	ANTIMONY	0.46 ug/L	2.0U ug/L
TMW14A102024(Initial/DIS)	IRON	58 ug/L	200U ug/L
TMW24102024(Initial/DIS)	IRON	66 ug/L	200U ug/L
TMW31D102024(Initial/DIS)	ALUMINUM	8.9 ug/L	200U ug/L
TMW31D102024(Initial/DIS)	IRON	20 ug/L	200U ug/L
TMW43102024(Initial/DIS)	ALUMINUM	8.3 ug/L	200U ug/L
TMW59102024(Initial/TOT)	ZINC	8.0 ug/L	10U ug/L

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

Method: 8081B

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCSD 280-670518/7-A (QC08102024EB)	TOXAPHENE	-	-	33.00-134.00	34 (30.00)	TOXAPHENE	J (all detects)
LCS 280-670518/2-A (QC08102024EB)	BETA-BHC	55	-	56.00-136.00	-	BETA-BHC	J-(all detects) UJ(all non-detects)

Method: 8321B

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCS 280-670535/30 LCSD 280-670535/31 (QC08102024EB)	2,4,5-T	136	-	70.00-130.00	23 (20.00)	2,4,5-T	J(all detects)
	2,4,5-TP (Silvex)	-	-	70.00-130.00	27 (20.00)	2,4,5-TP (Silvex)	
	2,4-D	131	-	70.00-130.00	26 (20.00)	2,4-D	
	2,4-DB	-	-	70.00-130.00	24 (20.00)	2,4-DB	
	DICAMBA	-	-	70.00-130.00	24 (20.00)	DICAMBA	
	DICHLOROPROP	-	-	70.00-130.00	24 (20.00)	DICHLOROPROP	
	DINOSEB	-	-	70.00-130.00	25 (20.00)	DINOSEB	
	MCPA	-	-	70.00-130.00	26 (20.00)	MCPA	
	MCPP	-	-	70.00-130.00	24 (20.00)	MCPP	

Method: 8330B

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCSD 280-671006/3-A (BGMW13D102024 BGMW13S102024 FDUP10-102024 QC08102024EB TMW31D102024 TMW43102024)	m-Nitrotoluene	-	72	73.00-125.00	-	m-Nitrotoluene	J-(all detects) UJ(all non-detects)

Surrogate Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **8330B**
Matrix: **Water**

Sample ID (Analysis Type)	*Surrogate*	*Sample % Recovery*	*% Recovery Limits*	*Affected Compounds*	*Flag*
BGMW13S102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	78	83.00-119.00	All Target Analytes	J- (all detects) UJ (all non-detects)
FDUP07102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	64	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
FDUP10-102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	74	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
MW26102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	71	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
MW27102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	70	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
MW34102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	74	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
MW36D102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	48	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
MW39102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	69	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW03102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	76	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW03102024 (Dilution-1/TOT)	1,2-Dinitrobenzene [1,2-DNB]	0	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW31D102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB] 1,2-Dinitrobenzene [1,2-DNB]	155 165	83.00-119.00 83.00-119.00	All Target Analytes	J+(all detects)
TMW59102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	77	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW59102024 (Dilution-1/TOT)	1,2-Dinitrobenzene [1,2-DNB]	53	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW61102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	62	83.00-119.00	All Target Analytes	J-(all detects) UJ(all non-detects)

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

Method: 6020B

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
BGMW13D102024MS (Dissolved) BGMW13D102024MSD (Dissolved) (BGMW13D102024)	BARIUM SODIUM	- 460	120 477	86.00-114.00 85.00-117.00	- -	BARIUM SODIUM	J+ (all detects)
TMW28102024MS (Dissolved) TMW28102024MS (Total) TMW28102024MSD (Dissolved) TMW28102024MSD (Total) (TMW28102024)	CALCIUM MAGNESIUM MANGANESE SODIUM	-266 62 60 -323	457 242 124 672	87.00-118.00 83.00-118.00 87.00-115.00 85.00-117.00	- - - -	CALCIUM MAGNESIUM MANGANESE SODIUM	J(all detects) UJ(all non-detects)
TMW28102024MSD (Total) (TMW28102024)	BARIUM	-	85	86.00-114.00	-	BARIUM	J-(all detects) UJ(all non-detects)

Sample concentrations are greater than 4 times the MS/MSD spike concentrations for calcium, magnesium, manganese and sodium. RECs could not be evaluated, and qualification was not warranted.

Method: 9056A

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
TMW03102024MSD (TMW03102024)	CHLORIDE	-	115	87.00-111.00	-	CHLORIDE	J+(all detects)

Lab Duplicate Outlier Report

Lab Reporting Batch ID: 280-197749-1

Laboratory: TAL DEN

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

No Data Review Qualifiers Applie

Field Duplicate Outlier Report

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev

Method: 6020B

Matrix: Water

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	BGMW13S102024 (Total)	FDUP10-102024 (Total)			
ALUMINUM	220	450	69	30.00	J (all detects)
ZINC	2.7	4.9	58	30.00	UJ (all non-detects)

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW13102024 (Total)	FDUP09-102024 (Total)			
ALUMINUM	13	24	59	30.00	J(all detects) UJ(all non-detects)

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW17102024 (Total)	FDUP08-102024 (Total)			
ALUMINUM	510	230	76	30.00	J(all detects) UJ(all non-detects)
IRON	220	100	75	30.00	
MANGANESE	15	10	40	30.00	
SILVER	0.21	0.087	83	30.00	
ZINC	32	23	33	30.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	MW33102024 (Total)	FDUP07102024 (Total)			
ALUMINUM	8600	17000	66	30.00	J(all detects) UJ(all non-detects)
ARSENIC	4.8	3.3	37	30.00	
CALCIUM	170000	25000	149	30.00	
COPPER	17	7.9	73	30.00	
IRON	5100	8200	47	30.00	
MANGANESE	730	250	98	30.00	
POTASSIUM	2200	4100	60	30.00	
ZINC	80	26	102	30.00	

Field QC Assignments and Associated Samples

EDD File Name: 280-197749-1
eQapp Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr

	Associated Samples	Sample Collection Date
Field QC FDUP07102024 **QC Type:** Field_Duplicate		
	MW33102024	10/7/2024 7:30:00 AM
Field QC FDUP08-102024 **QC Type:** Field_Duplicate		
	TMW17102024	10/7/2024 11:25:00 AM
Field QC FDUP09-102024 **QC Type:** Field_Duplicate		
	TMW13102024	10/8/2024 12:00:00 PM
	TMW13102024	10/8/2024 12:00:00 PM
Field QC FDUP10-102024 **QC Type:** Field_Duplicate		
	BGMW13S102024	10/8/2024 12:20:00 PM
	BGMW13S102024	10/8/2024 12:20:00 PM
Field QC QC07102024TB **QC Type:** Trip_Blank		
	TMW17102024	10/7/2024 11:25:00 AM
	MW30102024	10/8/2024 7:30:00 AM
	TMW03102024	10/8/2024 10:10:00 AM
	TMW14A102024	10/8/2024 9:30:00 AM
	TMW61102024	10/7/2024 12:00:00 PM
	TMW28102024	10/7/2024 8:20:00 AM
	TMW53102024	10/7/2024 9:40:00 AM
	MW39102024	10/8/2024 8:50:00 AM
	TMW45102024	10/8/2024 8:30:00 AM
	TMW59102024	10/7/2024 10:25:00 AM
	TMW31D102024	10/8/2024 10:20:00 AM
	FW31102024	10/7/2024 12:15:00 PM
	MW36S102024	10/7/2024 8:10:00 AM

	Associated Samples	Sample Collection Date
	MW31102024	10/8/2024 8:10:00 AM
	BGMW13D102024	10/8/2024 2:30:00 PM
	BGMW13S102024	10/8/2024 12:20:00 PM
	MW27102024	10/7/2024 7:20:00 AM
	TMW24102024	10/8/2024 8:40:00 AM
	TMW57102024	10/7/2024 10:40:00 AM
	MW36D102024	10/7/2024 8:45:00 AM
	TMW13102024	10/8/2024 12:00:00 PM
	FDUP08-102024	10/7/2024 11:35:00 AM
	MW33102024	10/7/2024 7:30:00 AM
	MW26102024	10/7/2024 9:10:00 AM
	TMW39S102024	10/7/2024 10:00:00 AM
	FDUP10-102024	10/8/2024 12:30:00 PM
	FDUP07102024	10/7/2024 7:40:00 AM
	TMW49102024	10/7/2024 2:00:00 PM
	TMW43102024	10/8/2024 11:55:00 AM
	MW34102024	10/7/2024 8:40:00 AM
	FDUP09-102024	10/8/2024 12:10:00 PM
Field QC QC08102024EB **QC Type:** Equipment_Blank		
	TMW17102024	10/7/2024 11:25:00 AM
	MW30102024	10/8/2024 7:30:00 AM
	TMW03102024	10/8/2024 10:10:00 AM
	TMW14A102024	10/8/2024 9:30:00 AM
	TMW61102024	10/7/2024 12:00:00 PM
	TMW28102024	10/7/2024 8:20:00 AM
	TMW53102024	10/7/2024 9:40:00 AM
	MW39102024	10/8/2024 8:50:00 AM
	TMW45102024	10/8/2024 8:30:00 AM
	TMW59102024	10/7/2024 10:25:00 AM
	TMW31D102024	10/8/2024 10:20:00 AM
	FW31102024	10/7/2024 12:15:00 PM
	MW36S102024	10/7/2024 8:10:00 AM
	MW31102024	10/8/2024 8:10:00 AM
	BGMW13D102024	10/8/2024 2:30:00 PM
	BGMW13S102024	10/8/2024 12:20:00 PM
	MW27102024	10/7/2024 7:20:00 AM
	TMW24102024	10/8/2024 8:40:00 AM
	TMW57102024	10/7/2024 10:40:00 AM
	MW36D102024	10/7/2024 8:45:00 AM
	TMW13102024	10/8/2024 12:00:00 PM
	FDUP08-102024	10/7/2024 11:35:00 AM
	MW33102024	10/7/2024 7:30:00 AM
	MW26102024	10/7/2024 9:10:00 AM

	Associated Samples	Sample Collection Date
	TMW39S102024	10/7/2024 10:00:00 AM
	FDUP10-102024	10/8/2024 12:30:00 PM
	FDUP07102024	10/7/2024 7:40:00 AM
	TMW49102024	10/7/2024 2:00:00 PM
	TMW43102024	10/8/2024 11:55:00 AM
	MW34102024	10/7/2024 8:40:00 AM
	FDUP09-102024	10/8/2024 12:10:00 PM
	TMW17102024	10/7/2024 11:25:00 AM
	MW30102024	10/8/2024 7:30:00 AM
	TMW03102024	10/8/2024 10:10:00 AM
	TMW14A102024	10/8/2024 9:30:00 AM
	TMW61102024	10/7/2024 12:00:00 PM
	TMW28102024	10/7/2024 8:20:00 AM
	TMW53102024	10/7/2024 9:40:00 AM
	MW39102024	10/8/2024 8:50:00 AM
	TMW45102024	10/8/2024 8:30:00 AM
	TMW59102024	10/7/2024 10:25:00 AM
	TMW31D102024	10/8/2024 10:20:00 AM
	FW31102024	10/7/2024 12:15:00 PM
	MW36S102024	10/7/2024 8:10:00 AM
	MW31102024	10/8/2024 8:10:00 AM
	BGMW13D102024	10/8/2024 2:30:00 PM
	BGMW13S102024	10/8/2024 12:20:00 PM
	MW27102024	10/7/2024 7:20:00 AM
	TMW24102024	10/8/2024 8:40:00 AM
	TMW57102024	10/7/2024 10:40:00 AM
	MW36D102024	10/7/2024 8:45:00 AM
	TMW13102024	10/8/2024 12:00:00 PM
	FDUP08-102024	10/7/2024 11:35:00 AM
	MW33102024	10/7/2024 7:30:00 AM
	MW26102024	10/7/2024 9:10:00 AM
	TMW39S102024	10/7/2024 10:00:00 AM
	FDUP10-102024	10/8/2024 12:30:00 PM
	FDUP07102024	10/7/2024 7:40:00 AM
	TMW49102024	10/7/2024 2:00:00 PM
	TMW43102024	10/8/2024 11:55:00 AM
	MW34102024	10/7/2024 8:40:00 AM
	FDUP09-102024	10/8/2024 12:10:00 PM

Field QC QC08102024TB
QC Type: Trip_Blank

	TMW17102024	10/7/2024 11:25:00 AM
	MW30102024	10/8/2024 7:30:00 AM
	TMW03102024	10/8/2024 10:10:00 AM
	TMW14A102024	10/8/2024 9:30:00 AM

	Associated Samples	Sample Collection Date
	TMW61102024	10/7/2024 12:00:00 PM
	TMW28102024	10/7/2024 8:20:00 AM
	TMW53102024	10/7/2024 9:40:00 AM
	MW39102024	10/8/2024 8:50:00 AM
	TMW45102024	10/8/2024 8:30:00 AM
	TMW59102024	10/7/2024 10:25:00 AM
	TMW31D102024	10/8/2024 10:20:00 AM
	FW31102024	10/7/2024 12:15:00 PM
	MW36S102024	10/7/2024 8:10:00 AM
	MW31102024	10/8/2024 8:10:00 AM
	BGMW13D102024	10/8/2024 2:30:00 PM
	BGMW13S102024	10/8/2024 12:20:00 PM
	MW27102024	10/7/2024 7:20:00 AM
	TMW24102024	10/8/2024 8:40:00 AM
	TMW57102024	10/7/2024 10:40:00 AM
	MW36D102024	10/7/2024 8:45:00 AM
	TMW13102024	10/8/2024 12:00:00 PM
	FDUP08-102024	10/7/2024 11:35:00 AM
	MW33102024	10/7/2024 7:30:00 AM
	MW26102024	10/7/2024 9:10:00 AM
	TMW39S102024	10/7/2024 10:00:00 AM
	FDUP10-102024	10/8/2024 12:30:00 PM
	FDUP07102024	10/7/2024 7:40:00 AM
	TMW49102024	10/7/2024 2:00:00 PM
	TMW43102024	10/8/2024 11:55:00 AM
	MW34102024	10/7/2024 8:40:00 AM
	FDUP09-102024	10/8/2024 12:10:00 PM

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 365.1

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
MW39102024	Orthophosphate as P	J	39	50	LOQ	ug/L	J (all detects)
TMW03102024	Orthophosphate as P	J	33	50	LOQ	ug/L	J (all detects)
TMW24102024	Orthophosphate as P	J	34	50	LOQ	ug/L	J (all detects)
TMW31D102024	Orthophosphate as P	J	18	50	LOQ	ug/L	J (all detects)
TMW45102024	Orthophosphate as P	J	34	50	LOQ	ug/L	J (all detects)

Method: 6020B

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
BGMW13D102024	ARSENIC	J	0.52	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	2.3	3.0	LOQ	ug/L	
	IRON	J	190	200	LOQ	ug/L	
	NICKEL	J	1.4	3.0	LOQ	ug/L	
	POTASSIUM	J	750	1000	LOQ	ug/L	
	VANADIUM	J	2.4	5.0	LOQ	ug/L	
BGMW13S102024	ALUMINUM	J	14	200	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.89	3.0	LOQ	ug/L	
	POTASSIUM	J	890	1000	LOQ	ug/L	
	VANADIUM	J	1.1	5.0	LOQ	ug/L	
	ZINC	J	2.7	10	LOQ	ug/L	
FDUP07102024	ALUMINUM	J	34	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	3.3	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.82	1.0	LOQ	ug/L	
	COPPER	J	0.89	2.0	LOQ	ug/L	
	IRON	J	13	200	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	POTASSIUM	J	830	1000	LOQ	ug/L	
	SILVER	J	0.060	1.0	LOQ	ug/L	
	VANADIUM	J	3.1	5.0	LOQ	ug/L	
	ZINC	J	2.5	10	LOQ	ug/L	
FDUP08-102024	ALUMINUM	J	42	200	LOQ	ug/L	J (all detects)
	IRON	J	13	200	LOQ	ug/L	
	POTASSIUM	J	760	1000	LOQ	ug/L	
	SILVER	J	0.087	1.0	LOQ	ug/L	
FDUP09-102024	ALUMINUM	J	24	200	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.93	3.0	LOQ	ug/L	
	IRON	J	41	200	LOQ	ug/L	
	MANGANESE	J	1.6	3.0	LOQ	ug/L	
	POTASSIUM	J	330	1000	LOQ	ug/L	
	SILVER	J	0.064	1.0	LOQ	ug/L	
	VANADIUM	J	2.5	5.0	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*RL Type*	*Units*	*Flag*
FDUP10-102024	ALUMINUM	J	17	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.51	5.0	LOQ	ug/L	
	CHROMIUM	J	1.1	3.0	LOQ	ug/L	
	LEAD	J	0.36	1.0	LOQ	ug/L	
	POTASSIUM	J	840	1000	LOQ	ug/L	
	VANADIUM	J	1.2	5.0	LOQ	ug/L	
	ZINC	J	2.2	10	LOQ	ug/L	
FW31102024	ARSENIC	J	4.7	5.0	LOQ	ug/L	J (all detects)
	COBALT	J	0.51	1.0	LOQ	ug/L	
	IRON	J	25	200	LOQ	ug/L	
	VANADIUM	J	4.1	5.0	LOQ	ug/L	
	ZINC	J	3.5	10	LOQ	ug/L	
MW26102024	ARSENIC	J	0.56	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.52	3.0	LOQ	ug/L	
	COBALT	J	0.42	1.0	LOQ	ug/L	
	COPPER	J	0.97	2.0	LOQ	ug/L	
	LEAD	J	0.26	1.0	LOQ	ug/L	
	NICKEL	J	0.89	3.0	LOQ	ug/L	
	POTASSIUM	J	600	1000	LOQ	ug/L	
	SILVER	J	0.047	1.0	LOQ	ug/L	
	VANADIUM	J	2.5	5.0	LOQ	ug/L	
	ZINC	J	3.0	10	LOQ	ug/L	
MW27102024	ARSENIC	J	0.91	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	2.0	3.0	LOQ	ug/L	
	COBALT	J	0.50	1.0	LOQ	ug/L	
	COPPER	J	1.8	2.0	LOQ	ug/L	
	LEAD	J	0.49	1.0	LOQ	ug/L	
	NICKEL	J	1.5	3.0	LOQ	ug/L	
	POTASSIUM	J	590	1000	LOQ	ug/L	
	SILVER	J	0.076	1.0	LOQ	ug/L	
	VANADIUM	J	3.8	5.0	LOQ	ug/L	
	ZINC	J	3.4	10	LOQ	ug/L	
MW30102024	ANTIMONY	J	1.2	2.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	2.3	5.0	LOQ	ug/L	
	IRON	J	10	200	LOQ	ug/L	
	MANGANESE	J	2.6	3.0	LOQ	ug/L	
	POTASSIUM	J	480	1000	LOQ	ug/L	
	SILVER	J	0.097	1.0	LOQ	ug/L	
MW31102024	ARSENIC	J	0.79	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.68	3.0	LOQ	ug/L	
	NICKEL	J	0.85	3.0	LOQ	ug/L	
	POTASSIUM	J	410	1000	LOQ	ug/L	
	SILVER	J	0.23	1.0	LOQ	ug/L	
	VANADIUM	J	2.1	5.0	LOQ	ug/L	
	ZINC	J	6.8	10	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
MW33102024	ALUMINUM	J	31	200	LOQ	ug/L	J (all detects)
	ANTIMONY	J	0.45	2.0	LOQ	ug/L	
	ARSENIC	J	2.3	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.86	1.0	LOQ	ug/L	
	CADMIUM	J	0.23	1.0	LOQ	ug/L	
	COPPER	J	0.86	2.0	LOQ	ug/L	
	IRON	J	33	200	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	POTASSIUM	J	860	1000	LOQ	ug/L	
	SILVER	J	0.063	1.0	LOQ	ug/L	
	VANADIUM	J	3.2	5.0	LOQ	ug/L	
	ZINC	J	2.8	10	LOQ	ug/L	
MW34102024	ARSENIC	J	0.97	5.0	LOQ	ug/L	J (all detects)
	COPPER	J	1.7	2.0	LOQ	ug/L	
	IRON	J	58	200	LOQ	ug/L	
	NICKEL	J	1.1	3.0	LOQ	ug/L	
	POTASSIUM	J	370	1000	LOQ	ug/L	
	SELENIUM	J	1.7	5.0	LOQ	ug/L	
	VANADIUM	J	3.6	5.0	LOQ	ug/L	
MW36D102024	ARSENIC	J	0.52	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.91	3.0	LOQ	ug/L	
	IRON	J	120	200	LOQ	ug/L	
	POTASSIUM	J	860	1000	LOQ	ug/L	
	VANADIUM	J	1.2	5.0	LOQ	ug/L	
	ZINC	J	6.0	10	LOQ	ug/L	
MW36S102024	ALUMINUM	J	8.8	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.57	5.0	LOQ	ug/L	
	CHROMIUM	J	1.1	3.0	LOQ	ug/L	
	COBALT	J	0.84	1.0	LOQ	ug/L	
	IRON	J	9.9	200	LOQ	ug/L	
	NICKEL	J	1.8	3.0	LOQ	ug/L	
	VANADIUM	J	1.9	5.0	LOQ	ug/L	
	ZINC	J	6.3	10	LOQ	ug/L	
MW39102024	ALUMINUM	J	10	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	3.1	5.0	LOQ	ug/L	
	IRON	J	14	200	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	POTASSIUM	J	350	1000	LOQ	ug/L	
	SILVER	J	0.098	1.0	LOQ	ug/L	
	ZINC	J	6.5	10	LOQ	ug/L	
QC08102024EB	ALUMINUM	J	41	200	LOQ	ug/L	J (all detects)
	CALCIUM	J B	47	200	LOQ	ug/L	
	IRON	J	13	200	LOQ	ug/L	
	MAGNESIUM	J	11	200	LOQ	ug/L	
	SODIUM	J Q	350	1000	LOQ	ug/L	
TMW03102024	ALUMINUM	J	13	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	1.2	5.0	LOQ	ug/L	
	COPPER	J	0.94	2.0	LOQ	ug/L	
	IRON	J	36	200	LOQ	ug/L	
	POTASSIUM	J	330	1000	LOQ	ug/L	
	VANADIUM	J	1.7	5.0	LOQ	ug/L	
	ZINC	J	4.8	10	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*RL Type*	*Units*	*Flag*
TMW13102024	ALUMINUM	J	13	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.60	5.0	LOQ	ug/L	
	CHROMIUM	J	1.0	3.0	LOQ	ug/L	
	IRON	J	23	200	LOQ	ug/L	
	MANGANESE	J	1.9	3.0	LOQ	ug/L	
	POTASSIUM	J	350	1000	LOQ	ug/L	
	VANADIUM	J	2.6	5.0	LOQ	ug/L	
TMW14A102024	ALUMINUM	J	8.6	200	LOQ	ug/L	J (all detects)
	ANTIMONY	J	0.46	2.0	LOQ	ug/L	
	ARSENIC	J	0.85	5.0	LOQ	ug/L	
	CHROMIUM	J	2.2	3.0	LOQ	ug/L	
	COPPER	J	0.73	2.0	LOQ	ug/L	
	IRON	J	58	200	LOQ	ug/L	
	LEAD	J	0.26	1.0	LOQ	ug/L	
	NICKEL	J	1.6	3.0	LOQ	ug/L	
	POTASSIUM	J	500	1000	LOQ	ug/L	
	SILVER	J	0.11	1.0	LOQ	ug/L	
	ZINC	J	2.5	10	LOQ	ug/L	
TMW17102024	ALUMINUM	J	44	200	LOQ	ug/L	J (all detects)
	IRON	J	63	200	LOQ	ug/L	
	LEAD	J	0.38	1.0	LOQ	ug/L	
	POTASSIUM	J	670	1000	LOQ	ug/L	
	SILVER	J	0.21	1.0	LOQ	ug/L	
TMW24102024	ALUMINUM	J	55	200	LOQ	ug/L	J (all detects)
	ANTIMONY	J	0.41	2.0	LOQ	ug/L	
	ARSENIC	J	1.3	5.0	LOQ	ug/L	
	CHROMIUM	J	0.64	3.0	LOQ	ug/L	
	COPPER	J	1.7	2.0	LOQ	ug/L	
	IRON	J	83	200	LOQ	ug/L	
	NICKEL	J	1.3	3.0	LOQ	ug/L	
	POTASSIUM	J	340	1000	LOQ	ug/L	
	VANADIUM	J	2.1	5.0	LOQ	ug/L	
	ZINC	J	3.4	10	LOQ	ug/L	
TMW28102024	ALUMINUM	J	12	200	LOQ	ug/L	J (all detects)
	ZINC	J	4.7	10	LOQ	ug/L	
TMW31D102024	ALUMINUM	J	8.9	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.73	5.0	LOQ	ug/L	
	IRON	J	20	200	LOQ	ug/L	
	LEAD	J	0.83	1.0	LOQ	ug/L	
TMW39S102024	CHROMIUM	J	1.1	3.0	LOQ	ug/L	J (all detects)
	COPPER	J	0.73	2.0	LOQ	ug/L	
	IRON	J	11	200	LOQ	ug/L	
	MANGANESE	J	0.83	3.0	LOQ	ug/L	
	POTASSIUM	J	320	1000	LOQ	ug/L	
	VANADIUM	J	2.4	5.0	LOQ	ug/L	
	ZINC	J	2.0	10	LOQ	ug/L	
TMW43102024	ALUMINUM	J	21	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.65	5.0	LOQ	ug/L	
	IRON	J	13	200	LOQ	ug/L	
	POTASSIUM	J	660	1000	LOQ	ug/L	
	VANADIUM	J	1.8	5.0	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**

SampleID	*Analyte*	*Lab Qual*	*Result*	*Reporting Limit*	*RL Type*	*Units*	*Flag*
TMW45102024	ALUMINUM	J	22	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	1.0	5.0	LOQ	ug/L	
	CHROMIUM	J	0.59	3.0	LOQ	ug/L	
	COPPER	J	1.4	2.0	LOQ	ug/L	
	NICKEL	J	1.2	3.0	LOQ	ug/L	
	POTASSIUM	J	410	1000	LOQ	ug/L	
	SILVER	J	0.062	1.0	LOQ	ug/L	
	VANADIUM	J	3.9	5.0	LOQ	ug/L	
TMW49102024	ARSENIC	J	0.57	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.89	3.0	LOQ	ug/L	
	IRON	J	28	200	LOQ	ug/L	
	NICKEL	J	0.88	3.0	LOQ	ug/L	
	SILVER	J	0.66	1.0	LOQ	ug/L	
	ZINC	J	3.7	10	LOQ	ug/L	
TMW53102024	ANTIMONY	J	1.2	2.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	1.9	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.44	1.0	LOQ	ug/L	
	IRON	J	32	200	LOQ	ug/L	
	POTASSIUM	J	380	1000	LOQ	ug/L	
TMW57102024	ARSENIC	J	3.1	5.0	LOQ	ug/L	J (all detects)
	BERYLLIUM	J	0.59	1.0	LOQ	ug/L	
	CHROMIUM	J	1.1	3.0	LOQ	ug/L	
	NICKEL	J	1.0	3.0	LOQ	ug/L	
	POTASSIUM	J	460	1000	LOQ	ug/L	
	SILVER	J	0.045	1.0	LOQ	ug/L	
	VANADIUM	J	1.3	5.0	LOQ	ug/L	
TMW59102024	ANTIMONY	J	0.52	2.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	2.9	5.0	LOQ	ug/L	
	COBALT	J	0.99	1.0	LOQ	ug/L	
	MANGANESE	J	1.2	3.0	LOQ	ug/L	
	NICKEL	J	1.8	3.0	LOQ	ug/L	
	POTASSIUM	J	350	1000	LOQ	ug/L	
	SELENIUM	J	2.4	5.0	LOQ	ug/L	
	VANADIUM	J	3.8	5.0	LOQ	ug/L	
	ZINC	J	8.0	10	LOQ	ug/L	
TMW61102024	ARSENIC	J	1.5	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	1.8	3.0	LOQ	ug/L	
	COBALT	J	0.72	1.0	LOQ	ug/L	
	COPPER	J	1.2	2.0	LOQ	ug/L	
	IRON	J	17	200	LOQ	ug/L	
	LEAD	J	0.39	1.0	LOQ	ug/L	
	NICKEL	J	2.3	3.0	LOQ	ug/L	
	POTASSIUM	J	650	1000	LOQ	ug/L	
	SELENIUM	J	1.2	5.0	LOQ	ug/L	
	SILVER	J	0.057	1.0	LOQ	ug/L	
	VANADIUM	J	3.2	5.0	LOQ	ug/L	
	ZINC	J	3.2	10	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 6850

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
FDUP09-102024	PERCHLORATE	J M	0.029	0.20	LOQ	ug/L	J (all detects)
MW27102024	PERCHLORATE	J M	0.045	0.20	LOQ	ug/L	J (all detects)
MW31102024	PERCHLORATE	J M	0.089	0.20	LOQ	ug/L	J (all detects)
TMW57102024	PERCHLORATE	J M	0.061	0.20	LOQ	ug/L	J (all detects)
TMW59102024	PERCHLORATE	J M	0.068	0.20	LOQ	ug/L	J (all detects)

Method: 8015D-GRO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
MW31102024	Gasoline Range Organics (GRO) C6-C10	J	16	25	LOQ	ug/L	J (all detects)

Method: 8081B

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
QC08102024EB	HEPTACHLOR	J M	0.017	0.049	LOQ	ug/L	J (all detects)

Method: 8260D

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
FDUP08-102024	CARBON DISULFIDE	J	0.36	2.0	LOQ	ug/L	J (all detects)
FDUP09-102024	TETRACHLOROETHENE	J	0.41	1.0	LOQ	ug/L	J (all detects)
QC08102024EB	BROMODICHLOROMETHANE DIBROMOCHLOROMETHANE	J J	0.95 0.66	1.0 1.0	LOQ LOQ	ug/L ug/L	J (all detects)

Method: 8270E

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW03102024	2,4-DINITROPHENOL	J	20	31	LOQ	ug/L	J (all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 8330B

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW43102024	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	J M	0.18	0.22	LOQ	ug/L	J (all detects)

Method: 9056A

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
BGMW13D102024	BROMIDE	J	310	500	LOQ	ug/L	J (all detects)
BGMW13S102024	BROMIDE	J	430	500	LOQ	ug/L	J (all detects)
FDUP10-102024	BROMIDE	J	410	500	LOQ	ug/L	J (all detects)
MW30102024	FLUORIDE	J	860	1000	LOQ	ug/L	J (all detects)
MW31102024	FLUORIDE	J	320	1000	LOQ	ug/L	J (all detects)
TMW03102024	FLUORIDE Nitrite as N	J J	920 55	1000 500	LOQ LOQ	ug/L ug/L	J (all detects)
TMW24102024	FLUORIDE	J	810	1000	LOQ	ug/L	J (all detects)
TMW31D102024	FLUORIDE	J	440	1000	LOQ	ug/L	J (all detects)
TMW45102024	FLUORIDE	J	670	1000	LOQ	ug/L	J (all detects)

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: GENCHEM

Sample ID: MW39102024 **Collected:** 10/8/2024 8:50:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Orthophosphate as P	39	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: TMW03102024 **Collected:** 10/8/2024 10:10:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Orthophosphate as P	33	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: TMW24102024 **Collected:** 10/8/2024 8:40:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Orthophosphate as P	34	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: TMW31D102024 **Collected:** 10/8/2024 10:20:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Orthophosphate as P	18	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: TMW45102024 **Collected:** 10/8/2024 8:30:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Orthophosphate as P	34	J	40	LOD	50	LOQ	ug/L	J	TR

Method Category: GENCHEM

Sample ID: FDUP09-102024 **Collected:** 10/8/2024 12:10:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.029	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: GENCHEM

Sample ID: MW27102024 **Collected:** 10/7/2024 7:20:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.045	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

Sample ID: MW31102024 **Collected:** 10/8/2024 8:10:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.089	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

Sample ID: TMW57102024 **Collected:** 10/7/2024 10:40:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.061	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

Sample ID: TMW59102024 **Collected:** 10/7/2024 10:25:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
PERCHLORATE	0.068	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

Method Category: GENCHEM

Sample ID: BGMW13D102024 **Collected:** 10/8/2024 2:30:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMIDE	310	J	500	LOD	500	LOQ	ug/L	J	TR

Sample ID: BGMW13S102024 **Collected:** 10/8/2024 12:20:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMIDE	430	J	500	LOD	500	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **GENCHEM**

Sample ID: **FDUP09-102024** ***Collected:*** **10/8/2024 12:10:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Nitrate as N	4300		200	LOD	500	LOQ	ug/L	J	PJ

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BROMIDE	410	J	500	LOD	500	LOQ	ug/L	J	TR

Sample ID: **MW30102024** ***Collected:*** **10/8/2024 7:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
FLUORIDE	860	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **MW31102024** ***Collected:*** **10/8/2024 8:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
FLUORIDE	320	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **10**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
CHLORIDE	190000	D J1	25000	LOD	30000	LOQ	ug/L	J+	MD1
FLUORIDE	920	J	500	LOD	1000	LOQ	ug/L	J	TR
Nitrite as N	55	J	100	LOD	500	LOQ	ug/L	J	TR

Sample ID: **TMW13102024** ***Collected:*** **10/8/2024 12:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Nitrate as N	4300		200	LOD	500	LOQ	ug/L	J	PJ

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: GENCHEM

Sample ID: TMW24102024 **Collected:** 10/8/2024 8:40:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
FLUORIDE	810	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW31D102024 **Collected:** 10/8/2024 10:20:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
FLUORIDE	440	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW43102024 **Collected:** 10/8/2024 11:55:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Nitrate as N	7300		200	LOD	500	LOQ	ug/L	J	PJ

Sample ID: TMW45102024 **Collected:** 10/8/2024 8:30:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
FLUORIDE	670	J	500	LOD	1000	LOQ	ug/L	J	TR
Nitrate as N	2700		200	LOD	500	LOQ	ug/L	J	PJ

Method Category: METALS

Sample ID: BGMW13D102024 **Collected:** 10/8/2024 2:30:00 PM **Analysis Type:** Initial/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
CHROMIUM	0.57	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	190	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	690	J	76	LOD	1000	LOQ	ug/L	J	TR
SODIUM	320000	D J1	7500	LOD	50000	LOQ	ug/L	J+	MD1

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **BGMW13D102024** ***Collected:*** **10/8/2024 2:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.52	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	2.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
NICKEL	1.4	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	750	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.4	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **BGMW13S102024** ***Collected:*** **10/8/2024 12:20:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	14	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/BLM
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
POTASSIUM	810	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **BGMW13S102024** ***Collected:*** **10/8/2024 12:20:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	220		30	LOD	200	LOQ	ug/L	J	DU1
CHROMIUM	0.89	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	890	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.7	J	8.0	LOD	10	LOQ	ug/L	J	TR, DU1

Sample ID: **FDUP07102024** ***Collected:*** **10/7/2024 7:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	34	J	30	LOD	200	LOQ	ug/L	U	BLL/BLM, ICB/CCB
ARSENIC	2.2	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	0.89	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	13	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **FDUP07102024** ***Collected:*** **10/7/2024 7:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
POTASSIUM	830	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.060	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	3.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **FDUP07102024** ***Collected:*** **10/7/2024 7:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	17000		30	LOD	200	LOQ	ug/L	J	DU1
ARSENIC	3.3	J	2.0	LOD	5.0	LOQ	ug/L	J	TR, DU1
BERYLLIUM	0.82	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
CALCIUM	25000		100	LOD	200	LOQ	ug/L	J	DU1
COPPER	7.9		1.8	LOD	2.0	LOQ	ug/L	J	DU1
IRON	8200		40	LOD	200	LOQ	ug/L	J	DU1
MANGANESE	250		1.8	LOD	3.0	LOQ	ug/L	J	DU1
POTASSIUM	4100		76	LOD	1000	LOQ	ug/L	J	DU1
ZINC	26		8.0	LOD	10	LOQ	ug/L	J	DU1

Sample ID: **FDUP08-102024** ***Collected:*** **10/7/2024 11:35:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	42	J	30	LOD	200	LOQ	ug/L	U	BLL/BLM
IRON	13	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	760	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **FDUP08-102024** ***Collected:*** **10/7/2024 11:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	230		30	LOD	200	LOQ	ug/L	J	DU1
IRON	100	J	40	LOD	200	LOQ	ug/L	J	TR, DU1
MANGANESE	10		1.8	LOD	3.0	LOQ	ug/L	J	DU1

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **FDUP08-102024** ***Collected:*** **10/7/2024 11:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
POTASSIUM	730	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.087	J	0.15	LOD	1.0	LOQ	ug/L	UJ	DU1, ICB/CCB
ZINC	23		8.0	LOD	10	LOQ	ug/L	J	DU1

Sample ID: **FDUP09-102024** ***Collected:*** **10/8/2024 12:10:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	10	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/BLM
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
IRON	24	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
MANGANESE	1.6	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	330	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.5	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **FDUP09-102024** ***Collected:*** **10/8/2024 12:10:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	24	J	30	LOD	200	LOQ	ug/L	J	TR, DU1
CHROMIUM	0.93	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	41	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
MANGANESE	2.0	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	390	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.064	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	2.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	17	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/BLM
ARSENIC	0.51	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
POTASSIUM	840	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.2	J	8.0	LOD	10	LOQ	ug/L	U	ICB/CCB

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	450		30	LOD	200	LOQ	ug/L	J	DU1
ARSENIC	0.78	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.1	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
LEAD	0.36	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
POTASSIUM	940	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	4.9	J	8.0	LOD	10	LOQ	ug/L	J	TR, DU1

Sample ID: **FW31102024** ***Collected:*** **10/7/2024 12:15:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	4.1	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	25	J	40	LOD	200	LOQ	ug/L	J	TR
VANADIUM	4.5	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **FW31102024** ***Collected:*** **10/7/2024 12:15:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	4.7	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COBALT	0.51	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
VANADIUM	4.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.5	J	8.0	LOD	10	LOQ	ug/L	U	BLT/BLU

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW26102024** ***Collected:*** **10/7/2024 9:10:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.56	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.52	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.42	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	0.97	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
NICKEL	0.89	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	600	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.5	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.0	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW26102024** ***Collected:*** **10/7/2024 9:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.85	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	2.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.48	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	1.9	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
LEAD	0.26	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	2.3	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	760	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.047	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	4.0	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	5.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW27102024** ***Collected:*** **10/7/2024 7:20:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.8	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
MANGANESE	6.0		1.8	LOD	3.0	LOQ	ug/L	J+	ICB/CCB
POTASSIUM	590	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW27102024** ***Collected:*** **10/7/2024 7:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.91	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	2.0	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.50	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
LEAD	0.49	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	1.5	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	930	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.076	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	3.8	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.4	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW30102024** ***Collected:*** **10/8/2024 7:30:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	2.3	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
IRON	10	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
MANGANESE	2.6	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	480	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **MW30102024** ***Collected:*** **10/8/2024 7:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	1.2	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	2.8	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.097	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **MW31102024** ***Collected:*** **10/8/2024 8:10:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.79	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW31102024** ***Collected:*** **10/8/2024 8:10:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CHROMIUM	0.68	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
NICKEL	0.85	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	410	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.23	J	0.15	LOD	1.0	LOQ	ug/L	U	BLT/BLU, ICB/CCB
VANADIUM	2.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	6.8	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW31102024** ***Collected:*** **10/8/2024 8:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.8	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
NICKEL	1.9	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
VANADIUM	4.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	9.5	J	8.0	LOD	10	LOQ	ug/L	U	BLT/BLU

Sample ID: **MW33102024** ***Collected:*** **10/7/2024 7:30:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	31	J	30	LOD	200	LOQ	ug/L	U	BLL/BLM, ICB/CCB
ARSENIC	2.3	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	0.86	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	33	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	860	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	3.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.8	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW33102024** ***Collected:*** **10/7/2024 7:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	8600		30	LOD	200	LOQ	ug/L	J	DU1

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW33102024** ***Collected:*** **10/7/2024 7:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ANTIMONY	0.45	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	4.8	J	2.0	LOD	5.0	LOQ	ug/L	J	TR, DU1
BERYLLIUM	0.86	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
CADMIUM	0.23	J	0.75	LOD	1.0	LOQ	ug/L	J	TR
CALCIUM	170000		100	LOD	200	LOQ	ug/L	J	DU1
COPPER	17		1.8	LOD	2.0	LOQ	ug/L	J	DU1
IRON	5100		40	LOD	200	LOQ	ug/L	J	DU1
MANGANESE	730		1.8	LOD	3.0	LOQ	ug/L	J	DU1
POTASSIUM	2200		76	LOD	1000	LOQ	ug/L	J	DU1
SILVER	0.063	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
ZINC	80		8.0	LOD	10	LOQ	ug/L	J	DU1

Sample ID: **MW34102024** ***Collected:*** **10/7/2024 8:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.97	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	1.7	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	58	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.1	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	370	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	1.7	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	3.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **MW34102024** ***Collected:*** **10/7/2024 8:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	1.8	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
SELENIUM	1.6	J	4.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW36D102024** ***Collected:*** **10/7/2024 8:45:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
IRON	120	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	860	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	6.0	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW36D102024** ***Collected:*** **10/7/2024 8:45:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.52	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.91	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	970	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW36S102024** ***Collected:*** **10/7/2024 8:10:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	8.8	J	30	LOD	200	LOQ	ug/L	U	BLL/BLM, ICB/CCB
COBALT	0.84	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
IRON	9.9	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.8	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
ZINC	4.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW36S102024** ***Collected:*** **10/7/2024 8:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.57	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.1	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
VANADIUM	1.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	6.3	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW39102024** ***Collected:*** **10/8/2024 8:50:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	10	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/ BLM
ARSENIC	3.1	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	14	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	350	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **MW39102024** ***Collected:*** **10/8/2024 8:50:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	4.0	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.098	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
ZINC	6.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **QC08102024EB** ***Collected:*** **10/8/2024 2:00:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	41	J	30	LOD	200	LOQ	ug/L	J	TR
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
CALCIUM	140	J	100	LOD	200	LOQ	ug/L	J	TR
MAGNESIUM	10	J	15	LOD	200	LOQ	ug/L	J	TR
SODIUM	340	J	150	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **QC08102024EB** ***Collected:*** **10/8/2024 2:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
CALCIUM	47	J B	100	LOD	200	LOQ	ug/L	J	TR
IRON	13	J	40	LOD	200	LOQ	ug/L	J	TR
MAGNESIUM	11	J	15	LOD	200	LOQ	ug/L	J	TR
SODIUM	350	J Q	150	LOD	1000	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	11	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/ BLM
ARSENIC	0.56	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	0.94	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
POTASSIUM	330	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.0	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	5.8	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	13	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	1.2	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	36	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
POTASSIUM	370	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.7	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	4.8	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW13102024** ***Collected:*** **10/8/2024 12:00:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
IRON	23	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/ CCB
MANGANESE	1.9	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	350	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW13102024** ***Collected:*** **10/8/2024 12:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	13	J	30	LOD	200	LOQ	ug/L	J	TR, DU1
ARSENIC	0.60	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW13102024** ***Collected:*** **10/8/2024 12:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CHROMIUM	1.0	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
MANGANESE	2.0	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	390	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW14A102024** ***Collected:*** **10/8/2024 9:30:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	8.6	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/BLM
ANTIMONY	0.46	J	1.0	LOD	2.0	LOQ	ug/L	U	BLT/BLU, ICB/CCB
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
COPPER	0.73	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	58	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
POTASSIUM	500	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	2.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW14A102024** ***Collected:*** **10/8/2024 9:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.57	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	0.85	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	2.2	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	150	J	40	LOD	200	LOQ	ug/L	J	TR
LEAD	0.26	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	1.6	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	620	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.11	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
ZINC	2.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW17102024** ***Collected:*** **10/7/2024 11:25:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	44	J	30	LOD	200	LOQ	ug/L	U	BLL/BLM, ICB/CCB
IRON	63	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	670	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW17102024** ***Collected:*** **10/7/2024 11:25:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	510		30	LOD	200	LOQ	ug/L	J	DU1
IRON	220		40	LOD	200	LOQ	ug/L	J	DU1
LEAD	0.38	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
MANGANESE	15		1.8	LOD	3.0	LOQ	ug/L	J	DU1
POTASSIUM	710	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.21	J	0.15	LOD	1.0	LOQ	ug/L	UJ	DU1, ICB/CCB
ZINC	32		8.0	LOD	10	LOQ	ug/L	J	DU1

Sample ID: **TMW24102024** ***Collected:*** **10/8/2024 8:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.95	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
IRON	66	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	280	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.5	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.4	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW24102024** ***Collected:*** **10/8/2024 8:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	55	J	30	LOD	200	LOQ	ug/L	J	TR
ANTIMONY	0.41	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	1.3	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW24102024** ***Collected:*** **10/8/2024 8:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
CHROMIUM	0.64	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	1.7	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	83	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.3	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	340	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW28102024** ***Collected:*** **10/7/2024 8:20:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BARIUM	79		0.95	LOD	3.0	LOQ	ug/L	J-	MD2
ZINC	2.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW28102024** ***Collected:*** **10/7/2024 8:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	12	J	30	LOD	200	LOQ	ug/L	U	ICB/CCB
BARIUM	72	J1	0.95	LOD	3.0	LOQ	ug/L	J-	MD2
ZINC	4.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW31D102024** ***Collected:*** **10/8/2024 10:20:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	8.9	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/ BLM
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
IRON	20	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/ CCB

Sample ID: **TMW31D102024** ***Collected:*** **10/8/2024 10:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.73	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW31D102024** ***Collected:*** **10/8/2024 10:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	19	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
LEAD	0.83	J	0.70	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **TMW39S102024** ***Collected:*** **10/7/2024 10:00:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CHROMIUM	1.1	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	11	J	40	LOD	200	LOQ	ug/L	J	TR
MANGANESE	0.83	J	1.8	LOD	3.0	LOQ	ug/L	U	ICB/CCB
POTASSIUM	320	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.4	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.0	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW39S102024** ***Collected:*** **10/7/2024 10:00:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CHROMIUM	1.7	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	0.73	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
POTASSIUM	360	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
VANADIUM	2.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.4	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW43102024** ***Collected:*** **10/8/2024 11:55:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	8.3	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, BLL/BLM
BERYLLIUM	0.60	U Q	0.60	LOD	1.0	LOQ	ug/L	X	CV2
POTASSIUM	570	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW43102024** ***Collected:*** **10/8/2024 11:55:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	21	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.65	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	13	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
POTASSIUM	660	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.8	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW45102024** ***Collected:*** **10/8/2024 8:30:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	1.0	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	1.4	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
POTASSIUM	410	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	3.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW45102024** ***Collected:*** **10/8/2024 8:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ALUMINUM	22	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	1.5	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.59	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	1.4	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SILVER	0.062	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	4.7	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW49102024** ***Collected:*** **10/7/2024 2:00:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	0.58	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.89	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	28	J	40	LOD	200	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW49102024** ***Collected:*** **10/7/2024 2:00:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ZINC	3.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW49102024** ***Collected:*** **10/7/2024 2:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.57	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
NICKEL	0.88	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SILVER	0.66	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW53102024** ***Collected:*** **10/7/2024 9:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.57	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	1.4	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	32	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	380	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW53102024** ***Collected:*** **10/7/2024 9:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	1.2	J	1.0	LOD	2.0	LOQ	ug/L	U	ICB/CCB
ARSENIC	1.9	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.44	J	0.60	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **TMW57102024** ***Collected:*** **10/7/2024 10:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.78	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.1	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
NICKEL	1.0	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	460	J	76	LOD	1000	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW57102024** ***Collected:*** **10/7/2024 10:40:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
VANADIUM	1.3	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW57102024** ***Collected:*** **10/7/2024 10:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	3.1	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.59	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
SILVER	0.045	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW59102024** ***Collected:*** **10/7/2024 10:25:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	1.7	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
MANGANESE	1.2	J	1.8	LOD	3.0	LOQ	ug/L	U	ICB/CCB
NICKEL	0.98	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	350	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
SELENIUM	1.9	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	3.8	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	4.1	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW59102024** ***Collected:*** **10/7/2024 10:25:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ANTIMONY	0.52	J	1.0	LOD	2.0	LOQ	ug/L	U	ICB/CCB
ARSENIC	2.9	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COBALT	0.99	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	1.8	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SELENIUM	2.4	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	8.0	J	8.0	LOD	10	LOQ	ug/L	U	BLT/BLU

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: METALS

Sample ID: TMW61102024 **Collected:** 10/7/2024 12:00:00 PM **Analysis Type:** Initial/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.4	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	1.2	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	17	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	360	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	1.4	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	3.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.3	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: TMW61102024 **Collected:** 10/7/2024 12:00:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.5	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.8	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.72	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
LEAD	0.39	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	2.3	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	650	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	1.2	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.057	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
ZINC	3.2	J	8.0	LOD	10	LOQ	ug/L	J	TR

Method Category: SVOA

Sample ID: QC08102024EB **Collected:** 10/8/2024 2:00:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BETA-BHC	0.039	U Q	0.039	LOD	0.049	LOQ	ug/L	UJ	LC2
HEPTACHLOR	0.017	J M	0.049	LOD	0.049	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/TOT-ACID** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
2,4-DINITROPHENOL	20	J	21	LOD	31	LOQ	ug/L	J	TR

Method Category: **SVOA**

Sample ID: **BGMW13D102024** ***Collected:*** **10/8/2024 2:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.41	LOQ	ug/L	UJ	LC2

Sample ID: **BGMW13S102024** ***Collected:*** **10/8/2024 12:20:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.35	U Q	0.35	LOD	0.40	LOQ	ug/L	UJ	LC2, SU2
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.0	U M Q	2.0	LOD	2.1	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **FDUP07102024** ***Collected:*** **10/7/2024 7:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.086	U Q	0.086	LOD	0.11	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.086	U Q	0.086	LOD	0.11	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.16	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.38	U Q	0.38	LOD	0.43	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.22	U M Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.2	U Q	2.2	LOD	2.3	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.1	U Q	1.1	LOD	1.2	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.43	U Q	0.43	LOD	0.44	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.35	U Q	0.35	LOD	0.40	LOQ	ug/L	UJ	LC2, SU2
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: SVOA

Sample ID: FDUP10-102024 **Collected:** 10/8/2024 12:30:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Nitroglycerin	2.0	U Q	2.0	LOD	2.1	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

Sample ID: MW26102024 **Collected:** 10/7/2024 9:10:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.082	U Q	0.082	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.082	U Q	0.082	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.41	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.0	U Q	2.0	LOD	2.1	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.41	U Q	0.41	LOD	0.42	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **MW27102024** ***Collected:*** **10/7/2024 7:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.16	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.37	U Q	0.37	LOD	0.42	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.1	U Q	2.1	LOD	2.2	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.2	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2

Sample ID: **MW34102024** ***Collected:*** **10/7/2024 8:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.16	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.42	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **MW34102024** ***Collected:*** **10/7/2024 8:40:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Nitroglycerin	2.1	U Q	2.1	LOD	2.2	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

Sample ID: **MW36D102024** ***Collected:*** **10/7/2024 8:45:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.16	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.42	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.1	U Q	2.1	LOD	2.2	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U M Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **MW39102024** ***Collected:*** **10/8/2024 8:50:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.16	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.37	U Q	0.37	LOD	0.42	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.21	U M Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.1	U Q	2.1	LOD	2.2	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.2	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.12	LOQ	ug/L	UJ	SU2

Sample ID: **QC08102024EB** ***Collected:*** **10/8/2024 2:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.41	LOQ	ug/L	UJ	LC2

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Dilution-1/TOT** ***Dilution:*** **50**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	330	D Q	9.8	LOD	10	LOQ	ug/L	J-	SU2

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3-DINITROBENZENE	0.098	U Q	0.098	LOD	0.11	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **TMW03102024** ***Collected:*** **10/8/2024 10:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
2,6-DINITROTOLUENE	0.31	M J1	0.078	LOD	0.098	LOQ	ug/L	J	PJ
2-AMINO-4,6-DINITROTOLUENE	0.098	U Q	0.098	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.74	M J1	0.12	LOD	0.15	LOQ	ug/L	J	PJ
Nitroglycerin	2.0	U M Q	2.0	LOD	2.1	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	12	M J1	0.20	LOD	0.21	LOQ	ug/L	J	PJ

Sample ID: **TMW31D102024** ***Collected:*** **10/8/2024 10:20:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
m-Nitrotoluene	0.39	U M Q	0.39	LOD	0.44	LOQ	ug/L	UJ	LC2

Sample ID: **TMW43102024** ***Collected:*** **10/8/2024 11:55:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
m-Nitrotoluene	0.36	U M Q	0.36	LOD	0.42	LOQ	ug/L	UJ	LC2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.18	J M	0.21	LOD	0.22	LOQ	ug/L	J	TR

Sample ID: **TMW59102024** ***Collected:*** **10/7/2024 10:25:00 AM** ***Analysis Type:*** **Dilution-1/TOT** ***Dilution:*** **5**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	60	D M Q	1.1	LOD	1.1	LOQ	ug/L	J-	SU2

Sample ID: **TMW59102024** ***Collected:*** **10/7/2024 10:25:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.11	U M Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.087	U M Q	0.087	LOD	0.11	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.087	U Q	0.087	LOD	0.11	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **SVOA**

Sample ID: **TMW59102024** ***Collected:*** **10/7/2024 10:25:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q	0.13	LOD	0.16	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.38	U Q	0.38	LOD	0.43	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.22	U M Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.2	U M Q	2.2	LOD	2.3	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.1	U Q	1.1	LOD	1.2	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.43	U Q	0.43	LOD	0.45	LOQ	ug/L	UJ	SU2

Sample ID: **TMW61102024** ***Collected:*** **10/7/2024 12:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
2,4-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2,6-DINITROTOLUENE	0.083	U Q	0.083	LOD	0.10	LOQ	ug/L	UJ	SU2
2-AMINO-4,6-DINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	SU2
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
m-Nitrotoluene	0.36	U Q	0.36	LOD	0.41	LOQ	ug/L	UJ	SU2
NITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Nitroglycerin	2.1	U Q	2.1	LOD	2.2	LOQ	ug/L	UJ	SU2
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
o-Nitrotoluene	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	SU2
Pentaerythritol tetranitrate (PETN)	1.0	U Q	1.0	LOD	1.1	LOQ	ug/L	UJ	SU2
p-Nitrotoluene	0.41	U Q	0.41	LOD	0.42	LOQ	ug/L	UJ	SU2
Trinitrophenylmethylnitramine (Tetryl)	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	SU2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **VOA**

Sample ID: **MW31102024** ***Collected:*** **10/8/2024 8:10:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Gasoline Range Organics (GRO) C6-C10	16	J	20	LOD	25	LOQ	ug/L	J	TR

Method Category: **VOA**

Sample ID: **BGMW13D102024** ***Collected:*** **10/8/2024 2:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2

Sample ID: **BGMW13S102024** ***Collected:*** **10/8/2024 12:20:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2

Sample ID: **FDUP08-102024** ***Collected:*** **10/7/2024 11:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CARBON DISULFIDE	0.36	J	0.80	LOD	2.0	LOQ	ug/L	J	TR

Sample ID: **FDUP09-102024** ***Collected:*** **10/8/2024 12:10:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2
TETRACHLOROETHENE	0.41	J	0.80	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **FDUP10-102024** ***Collected:*** **10/8/2024 12:30:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **VOA**

Sample ID: **QC08102024EB** ***Collected:*** **10/8/2024 2:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BROMODICHLOROMETHANE	0.95	J	0.50	LOD	1.0	LOQ	ug/L	J	TR
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2
DIBROMOCHLOROMETHANE	0.66	J	0.50	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **TMW13102024** ***Collected:*** **10/8/2024 12:00:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BROMOMETHANE	4.0	U Q	4.0	LOD	5.0	LOQ	ug/L	UJ	CV2

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197749-1 **Laboratory: TAL DEN**

EDD Filename: 280-197749-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Reason Code Legend

Reason Code	*Description*
BLL/BLM	Equipment Blank Contamination
BLT/BLU	Method Blank Contamination
CV2	Continuing Calibration Verification Percent Difference Upper Estimation
CV2	Continuing Calibration Verification Percent Difference Upper Rejection
CV2	Continuing Calibration Verification Percent Recovery Upper Estimation
DU1	Field Duplicate Precision
ICB/CCB	Calibration Blank Contamination
LC1	Laboratory Control Spike Upper Estimation
LC2	Laboratory Control Spike Lower Estimation
LC7	Laboratory Control Precision
MD1	Matrix Spike Upper Estimation
MD2	Matrix Spike Lower Estimation
PJ	Professional Judgment
SU1	Surrogate/Tracer Recovery Upper Estimation
SU2	Surrogate/Tracer Recovery Lower Estimation
TR	Reporting Limit Trace Value

* denotes a non-reportable result