DATA VALIDATION SUMMARY REPORT

for Samples Collected During

Groundwater Monitoring

Fort Wingate Depot Activity

McKinley County, New Mexico

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INTRODUCTION

The following data validation summary report covers thirty (30) water samples, and associated field quality control (QC) samples collected on October 3 and 4, 2024, at Fort Wingate Depot Activity (FWDA), located in McKinley County, New Mexico. The samples were logged under Sample Delivery Group (SDG) 280-197620.

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 6.0° Celsius. All containers were received at the laboratory in good condition.

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
QC03102024TB (Trip Blank)	280-197620-1	Water	V, TPH
TMW07102024	280-197620-2	Water	V, S, M, TPH
TMW08102024	280-197620-3	Water	V, M, TPH
TMW50102024	280-197620-4	Water	V, S, M, P, TPH, E
TMW22102024	280-197620-5	Water	V, M, E
MW25102024	280-197620-6	Water	V, S, M, P, TPH, E
TMW30102024	280-197620-7	Water	V, S, M, P, E
MW03102024	280-197620-8	Water	V, M, TPH
TMW10102024	280-197620-9	Water	V, M, TPH
TMW25102024	280-197620-10	Water	V, M
MW35102024	280-197620-11	Water	V, S, M, P, TPH, E
MW22D102024	280-197620-12	Water	V, S, M, P, TPH
FDUP04-102024 (Field Duplicate of TMW27102024)	280-197620-13	Water	V, M
TMW27102024	280-197620-14	Water	V, M
TMW41102024	280-197620-15	Water	A, O
TMW55102024	280-197620-16	Water	A, O
TMW01102024	280-197620-17	Water	A, O
TMW23102024	280-197620-18	Water	A, O
FDUP06-102024 (Field Duplicate of TMW23102024)	280-197620-19	Water	A, O
TMW29102024	280-197620-20	Water	A, O
TMW62102024	280-197620-21	Water	A, O
QC04102024TB (Trip Blank)	280-197620-22	Water	V, TPH
TMW62102024	280-197620-23	Water	V, S, M, P, TPH, E
TMW01102024	280-197620-24	Water	V, M, P, E
TMW41102024	280-197620-25	Water	V, S, M, P, E
TMW55102024	280-197620-26	Water	V, S, M, P, TPH, E
TMW23102024	280-197620-27	Water	V, S, M, E
FDUP06-102024 (Field Duplicate of TMW23102024)	280-197620-28	Water	V, S, M, E

Client Sample ID	Laboratory Sample ID	Matrix	Parameter
TMW29102024	280-197620-29	Water	V, M, P, E
FDUP05-102024 (Field Duplicate of TMW51102024)	280-197620-30	Water	V, S, M, P, TPH, E
TMW51102024	280-197620-31	Water	A, O
TMW33102024	280-197620-32	Water	A, O
TMW04102024	280-197620-33	Water	A, O
TMW64102024	280-197620-34	Water	A, O
TMW02102024	280-197620-35	Water	A, O
MW38102024	280-197620-36	Water	A, O
QC04102024EB (Equipment Blank)	280-197620-37	Water	A, O
FDUP05-102024	280-197620-38	Water	A, O
TMW33102024	280-197620-39	Water	V, S, M, TPH
TMW51102024	280-197620-40	Water	V, S, M, P, TPH, E
TMW04102024	280-197620-41	Water	V, S, M, P, E
TMW02102024	280-197620-42	Water	V, S, M, P, E
MW38102024	280-197620-43	Water	V, S, M, P, TPH, E
TMW64102024	280-197620-44	Water	V, S, M, P, TPH, E
QC04102024EB (Equipment Blank)	280-197620-45	Water	V, S, M, P, TPH, E, H, Pest, PCB

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 fifteen (15) water samples. The samples were collected on October 4, 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 with the following exceptions: samples TMW01102024, TMW23102024 and FDUP06-102024 were re-analyzed for nitrate outside the 48-hour holding time documented in the QAPP. As such, 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 TMW01102024 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 TMW01102024			
Analyte	**MS %R**	**MSD %R**	**Criteria**
sulfate	43	50	87-112%
bromide	118	121	91-110%

The MS/MSD RECs for the sulfate and bromide recovered outside acceptance criteria in sample TMW01102024. Sulfate was qualified "J-" as estimated low bias, while bromide was qualified "J" as estimated.

Precision

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

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

All laboratory duplicate RPDs were within acceptance criteria except for the following:

Sample TMW01102024		
Analyte	**%RPD**	**Criteria**
bromide	22	<10

The laboratory duplicate RPD for bromide recovered high, as such, the result for bromide was qualified "J" as estimated.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). 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 with the exceptions previously noted. The following QC elements were also evaluated:

- All initial calibration (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 except for the following:
    - The CCV associated with batch 671535 recovered above acceptance criteria for bromide. Bromide was qualified "J+" as estimated high bias in sample TMW23102024, and qualified "UJ" as estimated at the reporting limit in samples TMW29102024 and QC04102024EB.

Eleven 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 fifteen (15) water samples. The samples were collected on October 4, 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 TMW01102024 and TMW51102024 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: FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). 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 (30) water samples. The samples were collected on October 3 and 4, 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: FDUP04-102024 (parent sample – TMW27102024), FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). All VOCs were non-detect, as such, the RPDs could not be evaluated.

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.

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 nineteen (19) water samples. The samples were collected on October 3 and 4, 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.

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 CCV associated with batches 670515 and 670247 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 except for the following:

Batch 670515		
Analyte	**%RPD**	**Criteria**
hexachlorocyclopentadiene	21	RPD ≤ 20

The LCS/LCSD RPD for hexachlorocyclopentadiene exceeded acceptance criteria for batch 670515. The associated samples were non-detect, as such qualification was not warranted.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). All SVOCs were non-detect, as such, the RPDs could not be evaluated.

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.

Two laboratory method blanks were associated with the SVOC analyses in this SDG. The laboratory method blanks were non-detect for 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 eighteen (18) water samples. The samples were collected on October 3 and 4, 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 sample was submitted to the lab as blind field duplicate sample: FDUP05-102024 (parent sample – TMW51102024). TPH GRO was non-detect, as such, the RPDs could not be evaluated.

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 sixteen (16) water samples. The samples were collected on October 3 and 4, 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.

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 except for the following:

Sample TMW50102024		
Surrogate	**%REC**	**Criteria**
n-octacosane	56	60-142%
Sample TMW55102024		
Surrogate	**%REC**	**Criteria**
n-octacosane	58	60-142%

Surrogate, n-octacosane, recovered below acceptance criteria in the above noted samples. As such, the results for TPH DRO/ORO 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 sample was submitted to the lab as blind field duplicate sample: FDUP05-102024 (parent sample – TMW51102024). TPH DRO/ORO were non-detect, as such, the RPDs could not be evaluated.

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 DRO/ORO analyses in this SDG. TPH DRO/ORO was non-detect in the laboratory method blanks.

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

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 4, 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 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.

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 were 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. The equipment blank was non-detect for all target 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 4, 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.

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.

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 4, 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. The 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 nineteen (19) water samples. The samples were collected on October 3 and 4, 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, MS/MSD and the surrogate spikes. Sample TMW01102024 was designated for MS/MSD analysis by the laboratory.

All LCS spike recoveries were within acceptance criteria.

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

Sample TMW01102024			
Analyte	**MS %R**	**MSD %R**	**Criteria**
m-nitrotoluene	85	70	73-125%

The MSD REC for m-nitrotoluene recovered low and outside criteria. m-nitrotoluene was non-detect in sample TMW01102024, as such, the result 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 except for the following:

Sample MW38102024		
Surrogate	**%REC**	**Criteria**
1,2-dinitrobenzene	74	83-119%
Sample TMW04102024		
Surrogate	**%REC**	**Criteria**
1,2-dinitrobenzene	510	83-119%
Sample TMW23102024		
Surrogate	**%REC**	**Criteria**
1,2-dinitrobenzene	125	83-119%
Sample TMW62102024		
Surrogate	**%REC**	**Criteria**
1,2-dinitrobenzene	139	83-119%

Surrogate, 1,2-dinitrobenzene, recovered outside acceptance criteria in confirmation column for samples TMW04102024, TMW23102024 and TMW62102024. The surrogate was within acceptance criteria on the primary column, as such, qualification was not warranted. Surrogate, 1,2-dinitrobenzene, recovered below acceptance criteria in the primary column for sample MW38102024, as such, all explosives were qualified "UJ" as estimated at the reporting limit.

Precision

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

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

Sample TMW01102024		
Analyte	**% RPD**	**Criteria**
o-nitrotoluene	22	RPD ≤ 20

The MS/MSD RPD for o-nitrotoluene recovered above acceptance criteria. The result for o-nitrotoluene was non-detect, as such, qualification of data was not warranted.

Precision was further evaluated by comparing the field duplicate results. The following samples were submitted to the lab as blind field duplicate samples: FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). All RPDs for 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 RPDs for 1,3-dinitrobenzene, 2-

amino-4,6-dinitrotoluene, HMX and RDX exceeded 40% for sample TMW04102024 and 2-amino-4,6-dinitrotoluene exceeded 40% for sample TMW02102024. As such, the results for the noted analytes were qualified "J" as estimated.

Three laboratory method blanks were 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 seventeen (17) water samples. The samples were collected on October 3 and 4, 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 TMW01102024 was designated for MS/MSD analysis by the laboratory.

All LCS spike recoveries were within acceptance criteria.

All MS/MSD recoveries were within acceptance criteria. It should be noted that one or more MS/MSD RECs for perchlorate exceeded acceptance criteria, however; the sample concentrations were 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: FDUP05-102024 (parent sample – TMW51102024). The RPD for perchlorate was 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.

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

One equipment blank was associated with the perchlorate analyses in this SDG. Perchlorate was detected in the equipment blank, and the associated samples with perchlorate detections less than 5 times the equipment blank detection were qualified "U" as non-detect. The associated samples with perchlorate detections less than 5 times the equipment blank detection and greater than the LOQ were qualified "J+" as estimated high bias.

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 twenty-eight (28) water samples. The samples were collected on October 3 and 4, 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 TMW33102024 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. Sample TMW01102024 was 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 TMW01102024			
Analyte	**MS %R**	**MSD %R**	**Criteria**
manganese	85	85	87-115%
potassium	86	90	87-115%

The MS and/or MSD RECs for manganese and potassium recovered below criteria, as such the results were qualified “J-” as estimated low bias. It should be noted that one or more MS/MSD RECs for calcium, magnesium 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: FDUP04-102024 (parent sample – TMW27102024), FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). The RPDs for aluminum, iron and silver exceeded acceptance criteria and were qualified “J” as estimated in field duplicate samples FDUP05-102024 and (parent sample – TMW51102024). The RPD for antimony exceeded acceptance criteria and were qualified “J” as estimated in field duplicate samples FDUP06-102024 and (parent sample – TMW23102024).

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 670062 recovered above criteria for total manganese. Total manganese was qualified as "X" in associated sample TMW02102024.
- All low-level ICV (LL ICV) criteria were met.
- All ICS were within criteria.
- All ICB criteria were met except for the follow:
    - The ICB associated with batch 670062 had a detection of silver. Silver was detected less than 5 times the ICB detection in associated samples FDUP05-102024, MW38102024, TMW01102024, TMW04102024, TMW23102024, TMW27102024, TMW29102024, TMW33102024, TMW41102024 and TMW51102024. As such, the results were qualified "U" as non-detect.
- All CCB criteria were met except for the following:
    - The CCBs associated with batch 669978 had detections of magnesium, manganese, potassium, sodium and silver. Magnesium, manganese and sodium were either non-detect or greater than 5 times the CCB detections. As such, no qualification was warranted. Silver was detected less than 5 times the CCB detections in associated samples TMW07102024 and TMW08102024, as such, the results for silver were qualified "U" as non-detect. Potassium was detected less than 5 times the CCB detections in

associated samples TMW25102024, MW22D102024 and TMW10102024, as such, the results for potassium were qualified "U" as non-detect.

- The CCBs associated with batch 669980 had detections of aluminum, potassium, sodium and silver. Sodium was either non-detect or greater than 5 times the CCB detections. As such, no qualification was warranted. Silver was detected less than 5 times the CCB detections in associated samples TMW01102024, TMW23102024, TMW41102024 and FDUP04-102024, as such, the results for silver were qualified "U" as non-detect. Potassium was detected less than 5 times the CCB detections in associated samples TMW23102024, MW38102024, FDUP06-102024 and TMW01102024, as such, the results for potassium were qualified "U" as non-detect. Aluminum was detected less than 5 times the CCB detections in associated samples TMW04102024, TMW41102024, TMW55102024 and TMW64102024, as such, the results for aluminum were qualified "U" as non-detect.
- The CCBs associated with batch 670062 had detections of magnesium, manganese, potassium, silver and sodium. Magnesium and sodium were either non-detect or greater than 5 times the CCB detections. As such, no qualification was warranted for these analytes. Manganese was detected less than 5 times the CCB detection and greater than the LOQ in associated samples TMW04102024 and TMW41102024. As such, the results were qualified "J+" as estimated high bias. Potassium was detected less than 5 times the CCB detection in associated samples FDUP04-102024, MW22D102024, TMW01102024, TMW27102024, TMW41102024 and TMW62102024. As such, the results were qualified "U" as non-detect. Silver was detected less than 5 times the CCB detection in associated samples FDUP05-102024, FDUP05-102024, MW38102024, TMW01102024, TMW04102024, TMW23102024, TMW27102024, TMW29102024, TMW33102024, TMW41102024 and TMW51102024. 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.

Five laboratory method blanks were associated with the metals analyses in this SDG. Aluminum, iron, manganese, potassium 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. The associated

samples with detections less than 5 times the laboratory method blank detections and greater than the LOQ were qualified "J+" as estimated high bias.

One equipment blank was associated with the metals analyses in this SDG. Calcium, iron, magnesium, manganese, potassium 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. The associated samples with detections less than 5 times the equipment blank detections and greater than the LOQ were qualified "J+" as estimated high bias.

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 exception: total manganese was qualified as "X" in associated sample TMW02102024 due to the CCV recovering below acceptance limits. 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 twenty-eight (28) water samples. The samples were collected on October 3 and 4, 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 TMW33102024 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. Sample TMW01102024 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: FDUP04-102024

(parent sample – TMW27102024), FDUP05-102024 (parent sample – TMW51102024) and FDUP06-102024 (parent sample – TMW23102024). Mercury was non-detect in the parent samples and field duplicates. As such, the RPDs could not be evaluated.

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 except for the following:
    - The CCV associated with batch 672010 recovered above criteria for dissolved mercury. Dissolved mercury was qualified "X" in associated sample MW38102024.
- 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 with the following exception: dissolved mercury was qualified as "X" in associated sample MW38102024 due to the CCV recovering above acceptance limits. Therefore, the completeness for the mercury portion of this SDG is 99%, 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 MW38102024 and TMW02102024 were qualified "X" for dissolved mercury and total manganese respectively. 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
6020	Total manganese	TMW29102024 and MW38102024
8270E	Dibenzofuran	FDUP06-102024, TMW23102024, TMW50102024 and TMW62102024
8270E	Bis(2-chloroethoxy)methane and 2-Chlorophenol	MW38102024
8270E	2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene,	FDUP06-102024, MW38102024,

Methods	Parameters	Samples
	3,3'-Dichlorobenzidine, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitroaniline, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Bis(2-chloroethyl)ether, Bis(2-ethylhexyl) phthalate, Dibenz(a,h)anthracene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno[1,2,3-cd]pyrene, Nitrobenzene, N-Nitrosodi-n-propylamine, Pentachlorophenol and Phenol	TMW23102024, TMW50102024 and TMW62102024
8330	Nitroglycerin	MW35102024, TMW62102024, TMW41102024, FDUP06-102024, TMW29102024, TMW50102024, TMW51102024, MW38102024, TMW64102024, MW25102024, TMW30102024, TMW55102024, TMW23102024, FDUP05-102024 and QC04102024EB
8015D	DRO	TMW50102024, MW22D102024, TMW07102024, TMW62102024, TMW33102024, MW38102024, MW03102024, TMW10102024, TMW55102024 and MW25102024

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]	MW03102024		MW22D102024		MW25102024		MW35102024		MW38102024		TMW01102024		TMW02102024		TMW04102024		TMW07102024	
DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/03/2024	
LAB SAMPLE ID:			280-197620-8 280-197547-11		280-197620-12 280-197547-7		280-197620-6 280-197547-6		280-197620-11 280-197547-4		280-197620-43 280-197620-36		280-197620-24 280-197620-17		280-197620-42 280-197620-35		280-197620-41 280-197620-33		280-197620-2 280-197547-5	
Volatile Organics - SW8260D	**Unit**																			
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
1,1,1-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
1,1,2,2-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
1,1,2-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
1,1-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
1,1-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
1,1-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
1,2,3-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
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
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
1,2,4-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
1,2-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
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
1,2-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
1,2-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
1,2-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
1,3,5-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
1,3-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
1,3-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
1,4-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
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
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
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
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
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
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
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
Acetone	µg/L	18,000	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
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
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
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
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
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

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DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/03/2024	
LAB SAMPLE ID:			280-197620-8 280-197547-11		280-197620-12 280-197547-7		280-197620-6 280-197547-6		280-197620-11 280-197547-4		280-197620-43 280-197620-36		280-197620-24 280-197620-17		280-197620-42 280-197620-35		280-197620-41 280-197620-33		280-197620-2 280-197547-5	
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
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
Chlorobenzene	µg/L	100	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.48**	**J**	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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Semivolatile Organics - SW8270E											
2,2'-Oxybis (1-chloropropane)	µg/L	710	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,4,5-Trichlorophenol	µg/L	1,200	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,4,6-Trichlorophenol	µg/L	12	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,4-Dichlorophenol	µg/L	46	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,4-Dimethylphenol	µg/L	360	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,4-Dinitrophenol	µg/L	39	--	30 U	30 U	30 U	300 U	--	33 U	32 U	30 U
2,4-Dinitrotoluene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2,6-Dinitrotoluene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2-Chloronaphthalene	µg/L	750	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
2-Chlorophenol	µg/L	91	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2-Methylnaphthalene	µg/L	30	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
2-Methylphenol	µg/L	930	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2-Nitroaniline	µg/L	190	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
2-Nitrophenol	µg/L	na	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
3 & 4 Methylphenol	µg/L	370	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
3,3'-Dichlorobenzidine	µg/L	50	--	50 U	50 U	50 U	500 U	--	54 U	53 U	50 U
3-Nitroaniline	µg/L	38	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
4,6-Dinitro-2-methylphenol	µg/L	50	--	50 U	50 U	50 U	500 U	--	54 U	53 U	50 U
4-Bromophenyl phenyl ether	µg/L	na	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
4-Chloro-3-methylphenol	µg/L	1,400	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
4-Chloroaniline	µg/L	20	--	20 U	20 U	20 U	200 U	--	22 U	21 U	20 U
4-Chlorophenyl phenyl ether	µg/L	na	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
4-Nitroaniline	µg/L	38	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
4-Nitrophenol	µg/L	na	--	25 U	25 U	25 U	250 U	--	27 U	27 U	25 U
Acenaphthene	µg/L	530	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Acenaphthylene	µg/L	120	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Anthracene	µg/L	1,800	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Benzaldehyde	µg/L	190	--	5.0 U	5.0 U	5.0 U	50 U	--	5.4 U	5.3 U	5.0 U
Benz(a)anthracene	µg/L	4	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Benzo(a)pyrene	µg/L	4	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Benzo(b)fluoranthene	µg/L	4	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Benzo(g,h,i)perylene	µg/L	120	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U

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Benzo(k)fluoranthene	µg/L	25	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
bis(2-Chloroethoxy)methane	µg/L	59	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
bis(2-Chloroethyl)ether	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
bis(2-Ethylhexyl)phthalate	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Butyl benzyl phthalate	µg/L	160	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Caprolactam	µg/L	9,900	--	15 U	15 U	15 U	150 U	--	16 U	16 U	15 U
Carbazole	µg/L	290	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Chrysene	µg/L	250	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Dibenz(a,h)anthracene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Dibenzofuran	µg/L	7.9	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Diethyl phthalate	µg/L	15,000	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Dimethyl phthalate	µg/L	na	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Di-n-butyl phthalate	µg/L	900	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Di-n-octyl phthalate	µg/L	200	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Fluoranthene	µg/L	800	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Fluorene	µg/L	290	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Hexachlorobenzene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Hexachlorobutadiene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Hexachlorocyclopentadiene	µg/L	50	--	50 U	50 U	50 U	500 U	--	54 U	53 U	50 U
Hexachloroethane	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Isophorone	µg/L	780	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Naphthalene	µg/L	30	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Nitrobenzene	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
n-Nitrosodi-n-propylamine	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
N-Nitrosodiphenylamine	µg/L	120	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Pentachlorophenol	µg/L	50	--	50 U	50 U	50 U	500 U	--	54 U	53 U	50 U
Phenanthrene	µg/L	170	--	4.0 U	4.0 U	4.0 U	40 U	--	4.3 U	4.3 U	4.0 U
Phenol	µg/L	10	--	10 U	10 U	10 U	100 U	--	11 U	11 U	10 U
Pyrene	µg/L	120	--	10 U	10 U	10 U	100 U	--	11 U	11 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
Diesel Range Organics (DRO) C10-C28	µg/L	250	260 U	260 U	270 U	250 U	260 U	--	--	--	260 U
Oil Range Organics (ORO) C20-C38	µg/L	60,200	520 U	520 U	540 U	510 U	520 U	--	--	--	520 U

Fort Wingate Depot Activity Northern Area
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	MW03102024	MW22D102024	MW25102024	MW35102024	MW38102024	TMW01102024	TMW02102024	TMW04102024	TMW07102024
DATE SAMPLED:			10/03/2024	10/03/2024	10/03/2024	10/03/2024	10/04/2024	10/04/2024	10/04/2024	10/04/2024	10/03/2024
LAB SAMPLE ID:			280-197620-8 280-197547-11	280-197620-12 280-197547-7	280-197620-6 280-197547-6	280-197620-11 280-197547-4	280-197620-43 280-197620-36	280-197620-24 280-197620-17	280-197620-42 280-197620-35	280-197620-41 280-197620-33	280-197620-2 280-197547-5
Explosives - SW8330B											
1,3,5-Trinitrobenzene	µg/L	590	--	--	0.22 U	0.22 U	0.22 UJ	0.21 U	0.21 U	0.21 U	--
1,3-Dinitrobenzene	µg/L	2	--	--	0.12 U	0.12 U	0.11 UJ	0.11 U	0.11 U	**7.3 J**	--
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	--	--	0.12 U	0.12 U	0.11 UJ	0.11 U	0.11 U	0.11 U	--
2,4-Dinitrotoluene	µg/L	2.4	--	--	0.11 U	0.10 U	0.10 UJ	0.10 U	0.10 U	0.098 U	--
2,6-Dinitrotoluene	µg/L	0.49	--	--	0.11 U	0.10 U	0.10 UJ	0.10 U	0.10 U	0.098 U	--
2-Amino-4,6-dinitrotoluene	µg/L	1.9	--	--	0.12 U	0.12 U	0.11 UJ	0.11 U	**0.074 J**	**1.4 J**	--
4-Amino-2,6-dinitrotoluene	µg/L	1.9	--	--	0.16 U	0.16 U	0.16 UJ	0.15 U	0.15 U	0.15 U	--
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	--	--	0.22 U	0.22 U	0.22 UJ	0.21 U	0.21 U	**18 J**	--
m-Nitrotoluene	µg/L	1.7	--	--	0.42 U	0.42 U	0.42 UJ	0.40 UJ	0.41 U	0.39 U	--
Nitrobenzene	µg/L	1.4	--	--	0.22 U	0.22 U	0.22 UJ	0.21 U	0.21 U	0.21 U	--
Nitroglycerin	µg/L	2.1	--	--	2.2 U	2.2 U	2.2 UJ	2.1 U	2.1 U	2.1 U	--
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	µg/L	1,000	--	--	0.22 U	0.22 U	0.22 UJ	0.21 U	0.21 U	**0.64 J**	--
o-Nitrotoluene	µg/L	3.1	--	--	0.22 U	0.22 U	0.22 UJ	0.21 U	0.21 U	0.21 U	--
Pentaerythritol Tetranitrate (PETN)	µg/L	170	--	--	1.2 U	1.2 U	1.1 UJ	1.1 U	1.1 U	1.1 U	--
p-Nitrotoluene	µg/L	43	--	--	0.43 U	0.43 U	0.43 UJ	0.41 U	0.42 U	0.40 U	--
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	--	--	0.12 U	0.12 U	0.11 UJ	0.11 U	0.11 U	0.11 U	--
Perchlorate - SW6850											
Perchlorate	µg/L	14	--	**0.56**	0.20 U	0.20 U	0.20 U	**270**	**9.1**	**0.31 J+**	--
Metals, Total - SW6020B/SW7470A											
Aluminum	µg/L	200	**440**	200 U	**280**	**860**	**8,800**	**48 J**	**8.3 J**	**46 J**	**130 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
Arsenic	µg/L	10	5.0 U	5.0 U	5.0 U	5.0 U	**1.7 J**	**0.65 J**	**0.97 J**	**1.1 J**	**0.53 J**
Barium	µg/L	2,000	**19**	**11**	**15**	**14**	**140**	**12**	**7.7**	**8.7**	**12**
Beryllium	µg/L	4	1.0 U	1.0 U	1.0 U	1.0 U	**0.37 J**	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	**0.26 J**	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	µg/L	na	**97,000**	**90,000**	**110,000**	**19,000**	**40,000**	**120,000**	**25,000**	**30,000**	**60,000**
Chromium	µg/L	50	3.0 U	3.0 U	**0.70 J**	**0.80 J**	**7.0**	**0.59 J**	3.0 U	**2.3 J**	**1.3 J**
Cobalt	µg/L	50	1.0 U	1.0 U	1.0 U	1.0 U	**7.8**	1.0 U	1.0 U	1.0 U	**0.36 J**
Copper	µg/L	1,000	**0.81 J**	**0.78 J**	2.0 U	**0.87 J**	**6.0**	**3.5**	2.0 U	2.0 U	**0.80 J**
Iron	µg/L	300	**330**	200 U	**150 J**	**460**	**5,500**	200 U	200 U	**100 J**	**94 J**
Lead	µg/L	15	1.0 U	1.0 U	1.0 U	1.0 U	**3.6**	1.0 U	1.0 U	1.0 U	1.0 U
Magnesium	µg/L	na	**18,000**	**18,000**	**21,000**	**2,800**	**9,500**	**21,000**	**2,900**	**5,500**	**11,000**
Manganese	µg/L	50	**110**	**140**	**25**	**29**	**4,900**	**17 J-**	1.8 X	3.0 U	**300**
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
Nickel	µg/L	200	**0.96 J**	3.0 U	3.0 U	3.0 U	**13**	3.0 U	3.0 U	3.0 U	**1.2 J**
Potassium	µg/L	na	**360 J**	1,000 U	**840 J**	**1,200**	**2,000**	1,000 U	**1,300**	**670 J**	**2,700**
Selenium	µg/L	50	**28**	**32**	**65**	5.0 U	5.0 U	**2.3 J**	**71**	**75**	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
Sodium	µg/L	na	**1,200,000**	**1,200,000**	**1,400,000**	**790,000**	**780,000**	**610,000**	**1,200,000**	**960,000**	**1,400,000**
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
Vanadium	µg/L	86	**1.1 J**	**1.1 J**	**1.2 J**	**4.6 J**	**17**	**13**	**40**	**18**	**3.9 J**
Zinc	µg/L	5,000	**13**	**3.9 J**	**2.1 J**	10 U	**19**	10 U	**4.1 J**	10 U	**5.7 J**

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	MW03102024		MW22D102024		MW25102024		MW35102024		MW38102024		TMW01102024		TMW02102024		TMW04102024		TMW07102024	
DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/03/2024	
LAB SAMPLE ID:			280-197620-8 280-197547-11		280-197620-12 280-197547-7		280-197620-6 280-197547-6		280-197620-11 280-197547-4		280-197620-43 280-197620-36		280-197620-24 280-197620-17		280-197620-42 280-197620-35		280-197620-41 280-197620-33		280-197620-2 280-197547-5	
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
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
Arsenic	µg/L	10	5.0	U	**0.71**	**J**	**0.55**	**J**	**0.68**	**J**	5.0	U	**0.80**	**J**	**1.2**	**J**	**0.66**	**J**	**0.91**	**J**
Barium	µg/L	2,000	**12**		**10**		**13**		**9.1**		**16**		**13**		**7.9**		**7.7**		**12**	
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
Cadmium	µg/L	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**0.23**	**J**	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**110,000**		**87,000**		**110,000**		**19,000**		**32,000**		**130,000**		**24,000**		**29,000**		**59,000**	
Chromium	µg/L	50	3.0	U	3.0	U	**0.55**	**J**	3.0	U	3.0	U	**0.68**	**J**	3.0	U	**3.2**		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
Copper	µg/L	1,000	2.0	U	**1.7**	**J**	**1.1**	**J**	2.0	U	**1.5**	**J**	**3.0**		2.0	U	2.0	U	2.0	U
Iron	µg/L	300	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	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
Magnesium	µg/L	na	**20,000**		**17,000**		**19,000**		**2,500**		**6,800**		**20,000**		**2,700**		**5,300**		**9,900**	
Manganese	µg/L	50	**140**		**140**		**17**		**24**		**26**		**19**	**J-**	3.0	U	**1.3**	**J**	**290**	
Mercury	µg/L	2	0.20	U	0.20	U	0.20	U	0.20	U	0.080	X	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	µg/L	200	**0.85**	**J**	3.0	U	3.0	U	3.0	U	**1.1**	**J**	3.0	U	3.0	U	3.0	U	**1.1**	**J**
Potassium	µg/L	na	**430**	**J**	1,000	U	**890**	**J**	**1,100**		1,000	U	1,000	UJ	**1,200**		**560**	**J**	**2,900**	
Selenium	µg/L	50	**25**		**32**		**62**		5.0	U	5.0	U	**1.6**	**J**	**64**		**67**		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
Sodium	µg/L	na	**1,200,000**		**1,100,000**		**1,400,000**		**770,000**		**790,000**		**620,000**		**1,200,000**		**930,000**		**1,300,000**	
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
Vanadium	µg/L	86	**1.5**	**J**	**2.1**	**J**	**2.1**	**J**	**4.8**	**J**	**2.9**	**J**	**13**		**40**		**16**		**4.7**	**J**
Zinc	µg/L	5,000	**14**		**6.6**	**J**	**3.6**	**J**	**2.0**	**J**	10	U	10	U	10	U	10	U	**5.4**	**J**

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LAB SAMPLE ID:			280-197620-8 280-197547-11	280-197620-12 280-197547-7	280-197620-6 280-197547-6	280-197620-11 280-197547-4	280-197620-43 280-197620-36	280-197620-24 280-197620-17	280-197620-42 280-197620-35	280-197620-41 280-197620-33	280-197620-2 280-197547-5
General Chemistry											
Orthophosphate as P - EPA 365.1											
Orthophosphate as P	µg/L	20,000	50 U	50 U	**20 J**	50 U	**24 J**	**35 J**	50 U	50 U	**23 J**
Anions - SW9056A											
Bromide	µg/L	na	**620**	**890**	**1,200**	**670**	**940**	**1,400 J**	**570**	**870**	**510**
Chloride	µg/L	250,000	**280,000**	**210,000**	**250,000**	**280,000**	**210,000**	**190,000**	**230,000**	**170,000**	**160,000**
Fluoride	µg/L	1,600	**380 J**	**370 J**	**260 J**	**180 J**	**830 J**	**500 J**	**370 J**	**1,300**	**430 J**
Nitrate as N	µg/L	10,000	**9,300**	**11,000 J-**	**56,000**	500 UJ	500 U	**11,000 J-**	**66,000**	**41,000**	**100 J**
Nitrite as N	µg/L	1,000	500 U	500 UJ	500 U	500 UJ	500 U	500 U	500 U	500 U	500 U
Sulfate	µg/L	250,000	**1,400,000**	**1,300,000**	**1,600,000**	**1,000,000**	**480,000**	**890,000 J-**	**1,000,000**	**1,100,000**	**1,800,000**

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
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW08102024		TMW10102024		TMW22102024		TMW23102024		FDUP06-102024*		TMW25102024		TMW27102024		FDUP04-102024*		TMW29102024	
DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-3 280-197547-3		280-197620-9 280-197547-9		280-197620-5 280-197547-2		280-197620-27 280-197620-18		280-197620-28 280-197620-19		280-197620-10 280-197547-10		280-197620-14		280-197620-13		280-197620-29 280-197620-20	
	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
1,1,1-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
1,1,2,2-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
1,1,2-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
1,1-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
1,1-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
1,1-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
1,2,3-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
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
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
1,2,4-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
1,2-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
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
1,2-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
1,2-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
1,2-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
1,3,5-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
1,3-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
1,3-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
1,4-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
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
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
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
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
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
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
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
Acetone	µg/L	18,000	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
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
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
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
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
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

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DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-3 280-197547-3		280-197620-9 280-197547-9		280-197620-5 280-197547-2		280-197620-27 280-197620-18		280-197620-28 280-197620-19		280-197620-10 280-197547-10		280-197620-14		280-197620-13		280-197620-29 280-197620-20	
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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Semivolatile Organics - SW8270E											
2,2'-Oxybis (1-chloropropane)	µg/L	710	--	--	--	50 U	50 U	--	--	--	--
2,4,5-Trichlorophenol	µg/L	1,200	--	--	--	50 U	50 U	--	--	--	--
2,4,6-Trichlorophenol	µg/L	12	--	--	--	50 U	50 U	--	--	--	--
2,4-Dichlorophenol	µg/L	46	--	--	--	50 U	50 U	--	--	--	--
2,4-Dimethylphenol	µg/L	360	--	--	--	50 U	50 U	--	--	--	--
2,4-Dinitrophenol	µg/L	39	--	--	--	150 U	150 U	--	--	--	--
2,4-Dinitrotoluene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
2,6-Dinitrotoluene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
2-Chloronaphthalene	µg/L	750	--	--	--	20 U	20 U	--	--	--	--
2-Chlorophenol	µg/L	91	--	--	--	50 U	50 U	--	--	--	--
2-Methylnaphthalene	µg/L	30	--	--	--	20 U	20 U	--	--	--	--
2-Methylphenol	µg/L	930	--	--	--	50 U	50 U	--	--	--	--
2-Nitroaniline	µg/L	190	--	--	--	50 U	50 U	--	--	--	--
2-Nitrophenol	µg/L	na	--	--	--	50 U	50 U	--	--	--	--
3 & 4 Methylphenol	µg/L	370	--	--	--	50 U	50 U	--	--	--	--
3,3'-Dichlorobenzidine	µg/L	50	--	--	--	250 U	250 U	--	--	--	--
3-Nitroaniline	µg/L	38	--	--	--	50 U	50 U	--	--	--	--
4,6-Dinitro-2-methylphenol	µg/L	50	--	--	--	250 U	250 U	--	--	--	--
4-Bromophenyl phenyl ether	µg/L	na	--	--	--	50 U	50 U	--	--	--	--
4-Chloro-3-methylphenol	µg/L	1,400	--	--	--	50 U	50 U	--	--	--	--
4-Chloroaniline	µg/L	20	--	--	--	100 U	100 U	--	--	--	--
4-Chlorophenyl phenyl ether	µg/L	na	--	--	--	50 U	50 U	--	--	--	--
4-Nitroaniline	µg/L	38	--	--	--	50 U	50 U	--	--	--	--
4-Nitrophenol	µg/L	na	--	--	--	130 U	130 U	--	--	--	--
Acenaphthene	µg/L	530	--	--	--	20 U	20 U	--	--	--	--
Acenaphthylene	µg/L	120	--	--	--	20 U	20 U	--	--	--	--
Anthracene	µg/L	1,800	--	--	--	20 U	20 U	--	--	--	--
Benzaldehyde	µg/L	190	--	--	--	25 U	25 U	--	--	--	--
Benz(a)anthracene	µg/L	4	--	--	--	20 U	20 U	--	--	--	--
Benzo(a)pyrene	µg/L	4	--	--	--	20 U	20 U	--	--	--	--
Benzo(b)fluoranthene	µg/L	4	--	--	--	20 U	20 U	--	--	--	--
Benzo(g,h,i)perylene	µg/L	120	--	--	--	20 U	20 U	--	--	--	--

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Benzo(k)fluoranthene	µg/L	25	--	--	--	20 U	20 U	--	--	--	--
bis(2-Chloroethoxy)methane	µg/L	59	--	--	--	50 U	50 U	--	--	--	--
bis(2-Chloroethyl)ether	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
bis(2-Ethylhexyl)phthalate	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Butyl benzyl phthalate	µg/L	160	--	--	--	20 U	20 U	--	--	--	--
Caprolactam	µg/L	9,900	--	--	--	75 U	75 U	--	--	--	--
Carbazole	µg/L	290	--	--	--	20 U	20 U	--	--	--	--
Chrysene	µg/L	250	--	--	--	20 U	20 U	--	--	--	--
Dibenz(a,h)anthracene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Dibenzofuran	µg/L	7.9	--	--	--	20 U	20 U	--	--	--	--
Diethyl phthalate	µg/L	15,000	--	--	--	20 U	20 U	--	--	--	--
Dimethyl phthalate	µg/L	na	--	--	--	20 U	20 U	--	--	--	--
Di-n-butyl phthalate	µg/L	900	--	--	--	20 U	20 U	--	--	--	--
Di-n-octyl phthalate	µg/L	200	--	--	--	50 U	50 U	--	--	--	--
Fluoranthene	µg/L	800	--	--	--	20 U	20 U	--	--	--	--
Fluorene	µg/L	290	--	--	--	20 U	20 U	--	--	--	--
Hexachlorobenzene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Hexachlorobutadiene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Hexachlorocyclopentadiene	µg/L	50	--	--	--	250 U	250 U	--	--	--	--
Hexachloroethane	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Indeno(1,2,3-cd)pyrene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Isophorone	µg/L	780	--	--	--	50 U	50 U	--	--	--	--
Naphthalene	µg/L	30	--	--	--	20 U	20 U	--	--	--	--
Nitrobenzene	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
n-Nitrosodi-n-propylamine	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
N-Nitrosodiphenylamine	µg/L	120	--	--	--	50 U	50 U	--	--	--	--
Pentachlorophenol	µg/L	50	--	--	--	250 U	250 U	--	--	--	--
Phenanthrene	µg/L	170	--	--	--	20 U	20 U	--	--	--	--
Phenol	µg/L	10	--	--	--	50 U	50 U	--	--	--	--
Pyrene	µg/L	120	--	--	--	50 U	50 U	--	--	--	--
Petroleum Hydrocarbons - SW8015D											
Gasoline Range Organics (GRO) C6-C10	µg/L	25	25 U	25 U	--	--	--	--	--	--	--
Diesel Range Organics (DRO) C10-C28	µg/L	250	240 U	260 U	--	--	--	--	--	--	--
Oil Range Organics (ORO) C20-C38	µg/L	60,200	490 U	520 U	--	--	--	--	--	--	--

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Explosives - SW8330B											
1,3,5-Trinitrobenzene	µg/L	590	--	--	0.21 U	0.23 U	0.22 U	--	--	--	0.22 U
1,3-Dinitrobenzene	µg/L	2	--	--	0.11 U	0.12 U	0.12 U	--	--	--	0.12 U
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	--	--	0.11 U	0.12 U	0.12 U	--	--	--	0.12 U
2,4-Dinitrotoluene	µg/L	2.4	--	--	0.10 U	0.11 U	0.11 U	--	--	--	0.11 U
2,6-Dinitrotoluene	µg/L	0.49	--	--	0.10 U	0.11 U	0.11 U	--	--	--	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	1.9	--	--	0.11 U	0.12 U	0.12 U	--	--	--	0.12 U
4-Amino-2,6-dinitrotoluene	µg/L	1.9	--	--	0.15 U	0.16 U	0.16 U	--	--	--	0.16 U
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	--	--	0.21 U	**59**	**60**	--	--	--	0.22 U
m-Nitrotoluene	µg/L	1.7	--	--	0.40 U	0.44 U	0.42 U	--	--	--	0.42 U
Nitrobenzene	µg/L	1.4	--	--	0.21 U	0.23 U	0.22 U	--	--	--	0.22 U
Nitroglycerin	µg/L	2.1	--	--	2.1 U	2.3 U	2.2 U	--	--	--	2.2 U
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	µg/L	1,000	--	--	0.21 U	0.23 U	0.22 U	--	--	--	0.22 U
o-Nitrotoluene	µg/L	3.1	--	--	0.21 U	0.23 U	0.22 U	--	--	--	0.22 U
Pentaerythritol Tetranitrate (PETN)	µg/L	170	--	--	1.1 U	1.2 U	1.2 U	--	--	--	1.2 U
p-Nitrotoluene	µg/L	43	--	--	0.41 U	0.45 U	0.43 U	--	--	--	0.43 U
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	--	--	0.11 U	0.12 U	0.12 U	--	--	--	0.12 U
Perchlorate - SW6850											
Perchlorate	µg/L	14	--	--	--	--	--	--	--	--	0.20 U
Metals, Total - SW6020B/SW7470A											
Aluminum	µg/L	200	**35 J**	**12 J**	**1,300**	**9,800**	**8,100**	**160 J**	200 U	200 U	**6,800**
Antimony	µg/L	6	2.0 U	2.0 U	2.0 U	**0.43 J**	**0.61 J**	2.0 U	2.0 U	2.0 U	**0.45 J**
Arsenic	µg/L	10	**0.79 J**	**0.64 J**	**0.89 J**	**2.0 J**	**1.6 J**	**0.61 J**	**22**	**23**	**1.5 J**
Barium	µg/L	2,000	**5.8**	**12**	**31**	**130**	**110**	**13**	**130**	**120**	**70**
Beryllium	µg/L	4	1.0 U	1.0 U	1.0 U	**0.32 J**	**0.40 J**	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
Calcium	µg/L	na	**330,000**	**47,000**	**38,000**	**22,000**	**22,000**	**49,000**	**25,000**	**24,000**	**43,000**
Chromium	µg/L	50	3.0 U	3.0 U	**2.3 J**	**9.4**	**7.5**	3.0 U	3.0 U	3.0 U	**6.3**
Cobalt	µg/L	50	**0.58 J**	1.0 U	**0.38 J**	**2.6**	**2.1**	**0.42 J**	1.0 U	1.0 U	**1.9**
Copper	µg/L	1,000	**1.7 J**	**1.3 J**	**1.3 J**	**3.8**	**3.2**	**1.3 J**	2.0 U	2.0 U	**2.9**
Iron	µg/L	300	**3,900**	200 U	**720**	**6,000**	**4,900**	**170 J**	**480**	**480**	**4,000**
Lead	µg/L	15	1.0 U	1.0 U	**0.36 J**	**3.5**	**2.8**	1.0 U	1.0 U	1.0 U	**2.3**
Magnesium	µg/L	na	**95,000**	**12,000**	**13,000**	**7,200**	**6,700**	**10,000**	**6,600**	**6,500**	**9,300**
Manganese	µg/L	50	**550**	**23**	**22**	**130**	**110**	**250**	**480**	**480**	**110 J**
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
Nickel	µg/L	200	**1.7 J**	3.0 U	**1.4 J**	**5.5**	**4.6**	**1.2 J**	3.0 U	3.0 U	**4.7**
Potassium	µg/L	na	**1,300**	1,000 U	**770 J**	**2,300**	**2,000**	1,000 U	1,000 U	1,000 U	**2,100**
Selenium	µg/L	50	**42**	5.0 U	**2.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**15**
Silver	µg/L	50	**0.045 J**	**0.082 J**	1.0 U	1.0 U	1.0 U	**0.16 J**	1.0 U	1.0 U	1.0 U
Sodium	µg/L	na	**4,500,000**	**1,600,000**	**910,000**	**830,000**	**840,000**	**880,000**	**350,000**	**350,000**	**630,000**
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
Vanadium	µg/L	86	**5.3**	**3.3 J**	**6.5**	**13**	**11**	**3.8 J**	5.0 U	5.0 U	**11**
Zinc	µg/L	5,000	**13**	10 U	**3.9 J**	**19**	**14**	10 U	**16**	**14**	**13**

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]	TMW08102024		TMW10102024		TMW22102024		TMW23102024		FDUP06-102024*		TMW25102024		TMW27102024		FDUP04-102024*		TMW29102024	
DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/03/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-3 280-197547-3		280-197620-9 280-197547-9		280-197620-5 280-197547-2		280-197620-27 280-197620-18		280-197620-28 280-197620-19		280-197620-10 280-197547-10		280-197620-14		280-197620-13		280-197620-29 280-197620-20	
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
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
Arsenic	µg/L	10	**0.94**	**J**	**1.0**	**J**	**1.2**	**J**	**0.91**	**J**	**0.83**	**J**	**1.1**	**J**	**20**		**21**		**1.0**	**J**
Barium	µg/L	2,000	**5.8**		**13**		**17**		**19**		**19**		**11**		**120**		**110**		**18**	
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
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
Calcium	µg/L	na	**320,000**		**47,000**		**37,000**		**17,000**		**17,000**		**50,000**		**24,000**		**24,000**		**38,000**	
Chromium	µg/L	50	3.0	U	3.0	U	**0.50**	**J**	**0.89**	**J**	**0.73**	**J**	3.0	U	3.0	U	3.0	U	**0.70**	**J**
Cobalt	µg/L	50	**0.56**	**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	**1.9**	**J**	**1.2**	**J**	**1.1**	**J**	2.0	U	2.0	U	**1.2**	**J**	2.0	U	2.0	U	2.0	U
Iron	µg/L	300	200	U	200	U	200	U	200	U	200	U	200	U	**420**		**420**		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
Magnesium	µg/L	na	**87,000**		**10,000**		**11,000**		**4,400**		**4,200**		**9,900**		**6,000**		**6,100**		**7,100**	
Manganese	µg/L	50	**590**		**22**		3.0	U	3.0	U	3.0	U	**65**		**460**		**460**		**6.1**	
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
Nickel	µg/L	200	**1.8**	**J**	3.0	U	3.0	U	3.0	U	3.0	U	**0.89**	**J**	3.0	U	3.0	U	3.0	U
Potassium	µg/L	na	**1,300**		1,000	U	**600**	**J**	1,000	U	1,000	U	1,000	U	**430**	**J**	**510**	**J**	**670**	**J**
Selenium	µg/L	50	**38**		5.0	U	**1.8**	**J**	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	**16**	
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
Sodium	µg/L	na	**4,500,000**		**1,600,000**		**880,000**		**860,000**		**860,000**		**880,000**		**360,000**		**370,000**		**620,000**	
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
Vanadium	µg/L	86	**1.7**	**J**	**4.2**	**J**	**5.9**		**2.8**	**J**	**2.6**	**J**	**4.4**	**J**	5.0	U	5.0	U	**4.1**	**J**
Zinc	µg/L	5,000	**6.0**	**J**	**2.5**	**J**	10	U	10	U	10	U	10	U	10	U	10	U	10	U

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW08102024		TMW10102024		TMW22102024		TMW23102024		FDUP06-102024*		TMW25102024		TMW27102024	FDUP04-102024*	TMW29102024	
DATE SAMPLED:			10/03/2024		10/03/2024		10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/03/2024	10/03/2024	10/04/2024	
LAB SAMPLE ID:			280-197620-3 280-197547-3		280-197620-9 280-197547-9		280-197620-5 280-197547-2		280-197620-27 280-197620-18		280-197620-28 280-197620-19		280-197620-10 280-197547-10		280-197620-14	280-197620-13	280-197620-29 280-197620-20	
General Chemistry																		
Orthophosphate as P - EPA 365.1																		
Orthophosphate as P	µg/L	20,000	50	U	**33**	**J**	**46**	**J**	**43**	**J**	**37**	**J**	**21**	**J**	--	--	**33**	**J**
Anions - SW9056A																		
Bromide	µg/L	na	**4,400**		500	U	**750**		**580**	J+	**570**		**990**		--	--	500	UJ
Chloride	µg/L	250,000	**840,000**		**620,000**		**130,000**		**97,000**		**97,000**		**150,000**		--	--	**68,000**	
Fluoride	µg/L	1,600	**1,900**	**J**	1,000	U	**890**	**J**	**840**	**J**	**790**	**J**	**610**	**J**	--	--	**1,300**	
Nitrate as N	µg/L	10,000	**7,300**		**1,800**		**10,000**		**16,000**	**J-**	**16,000**	**J-**	**190**	**J**	--	--	**4,600**	
Nitrite as N	µg/L	1,000	500	U	500	U	500	U	500	U	500	U	500	UJ	--	--	500	U
Sulfate	µg/L	250,000	**5,100,000**		**1,600,000**		**880,000**	**J+**	**610,000**		**610,000**		**910,000**		--	--	**330,000**	

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.

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW30102024		TMW33102024		TMW41102024		TMW50102024		TMW51102024		FDUP05-102024*		TMW55102024		TMW62102024		TMW64102024	
DATE SAMPLED:			10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-7 280-197547-8		280-197620-39 280-197620-32		280-197620-25 280-197620-15		280-197620-4 280-197547-1		280-197620-40 280-197620-31		280-197620-30 280-197620-38		280-197620-26 280-197620-16		280-197620-23 280-197620-21		280-197620-44 280-197620-34	
	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
1,1,1-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
1,1,2,2-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
1,1,2-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
1,1-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
1,1-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
1,1-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
1,2,3-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
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
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
1,2,4-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
1,2-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
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
1,2-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
1,2-Dichloroethane	µg/L	5	1.0	U	**30**		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
1,3,5-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
1,3-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
1,3-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
1,4-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
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
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
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
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
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
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
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
Acetone	µg/L	18,000	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
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
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
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
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
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

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW30102024		TMW33102024		TMW41102024		TMW50102024		TMW51102024		FDUP05-102024*		TMW55102024		TMW62102024		TMW64102024	
DATE SAMPLED:			10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-7 280-197547-8		280-197620-39 280-197620-32		280-197620-25 280-197620-15		280-197620-4 280-197547-1		280-197620-40 280-197620-31		280-197620-30 280-197620-38		280-197620-26 280-197620-16		280-197620-23 280-197620-21		280-197620-44 280-197620-34	
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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DATE SAMPLED:			10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-7 280-197547-8		280-197620-39 280-197620-32		280-197620-25 280-197620-15		280-197620-4 280-197547-1		280-197620-40 280-197620-31		280-197620-30 280-197620-38		280-197620-26 280-197620-16		280-197620-23 280-197620-21		280-197620-44 280-197620-34	
Semivolatile Organics - SW8270E																				
2,2'-Oxybis (1-chloropropane)	µg/L	710	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,4,5-Trichlorophenol	µg/L	1,200	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,4,6-Trichlorophenol	µg/L	12	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,4-Dichlorophenol	µg/L	46	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,4-Dimethylphenol	µg/L	360	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,4-Dinitrophenol	µg/L	39	30	U	30	U	30	U	150	U	30	U	30	U	30	U	150	U	31	U
2,4-Dinitrotoluene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2,6-Dinitrotoluene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2-Chloronaphthalene	µg/L	750	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
2-Chlorophenol	µg/L	91	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2-Methylnaphthalene	µg/L	30	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
2-Methylphenol	µg/L	930	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2-Nitroaniline	µg/L	190	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
2-Nitrophenol	µg/L	na	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
3 & 4 Methylphenol	µg/L	370	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
3,3'-Dichlorobenzidine	µg/L	50	50	U	50	U	50	U	250	U	50	U	50	U	50	U	250	U	52	U
3-Nitroaniline	µg/L	38	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
4,6-Dinitro-2-methylphenol	µg/L	50	50	U	50	U	50	U	250	U	50	U	50	U	50	U	250	U	52	U
4-Bromophenyl phenyl ether	µg/L	na	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
4-Chloro-3-methylphenol	µg/L	1,400	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
4-Chloroaniline	µg/L	20	20	U	20	U	20	U	100	U	20	U	20	U	20	U	100	U	21	U
4-Chlorophenyl phenyl ether	µg/L	na	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
4-Nitroaniline	µg/L	38	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
4-Nitrophenol	µg/L	na	25	U	25	U	25	U	130	U	25	U	25	U	25	U	130	U	26	U
Acenaphthene	µg/L	530	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Acenaphthylene	µg/L	120	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Anthracene	µg/L	1,800	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Benzaldehyde	µg/L	190	5.0	U	5.0	U	5.0	U	25	U	5.0	U	5.0	U	5.0	U	25	U	5.2	U
Benz(a)anthracene	µg/L	4	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Benzo(a)pyrene	µg/L	4	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Benzo(b)fluoranthene	µg/L	4	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Benzo(g,h,i)perylene	µg/L	120	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U

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DATE SAMPLED:			10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-7 280-197547-8		280-197620-39 280-197620-32		280-197620-25 280-197620-15		280-197620-4 280-197547-1		280-197620-40 280-197620-31		280-197620-30 280-197620-38		280-197620-26 280-197620-16		280-197620-23 280-197620-21		280-197620-44 280-197620-34	
Benzo(k)fluoranthene	µg/L	25	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
bis(2-Chloroethoxy)methane	µg/L	59	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
bis(2-Chloroethyl)ether	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
bis(2-Ethylhexyl)phthalate	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Butyl benzyl phthalate	µg/L	160	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Caprolactam	µg/L	9,900	15	U	15	U	15	U	75	U	15	U	15	U	15	U	75	U	16	U
Carbazole	µg/L	290	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Chrysene	µg/L	250	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Dibenz(a,h)anthracene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Dibenzofuran	µg/L	7.9	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Diethyl phthalate	µg/L	15,000	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Dimethyl phthalate	µg/L	na	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Di-n-butyl phthalate	µg/L	900	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Di-n-octyl phthalate	µg/L	200	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Fluoranthene	µg/L	800	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Fluorene	µg/L	290	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Hexachlorobenzene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Hexachlorobutadiene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Hexachlorocyclopentadiene	µg/L	50	50	U	50	U	50	U	250	U	50	U	50	U	50	U	250	U	52	U
Hexachloroethane	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Indeno(1,2,3-cd)pyrene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Isophorone	µg/L	780	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Naphthalene	µg/L	30	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Nitrobenzene	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
n-Nitrosodi-n-propylamine	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
N-Nitrosodiphenylamine	µg/L	120	**1.9**	**J**	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Pentachlorophenol	µg/L	50	50	U	50	U	50	U	250	U	50	U	50	U	50	U	250	U	52	U
Phenanthrene	µg/L	170	4.0	U	4.0	U	4.0	U	20	U	4.0	U	4.0	U	4.0	U	20	U	4.1	U
Phenol	µg/L	10	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Pyrene	µg/L	120	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U
Petroleum Hydrocarbons - SW8015D																				
Gasoline Range Organics (GRO) C6-C10	µg/L	25	--		**16**	**J**	--		25	U	25	U	25	U	25	U	25	U	25	U
Diesel Range Organics (DRO) C10-C28	µg/L	250	--		**40**	**J**	--		1,300	UJ	250	U	240	U	270	UJ	260	U	240	U
Oil Range Organics (ORO) C20-C38	µg/L	60,200	--		**63**	**J**	--		2,500	UJ	500	U	480	U	540	UJ	510	U	490	U

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Explosives - SW8330B																				
1,3,5-Trinitrobenzene	µg/L	590	0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	U	0.23	U	0.22	U	0.22	U
1,3-Dinitrobenzene	µg/L	2	0.11	U	--		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U
2,4,6-Trinitrotoluene (TNT)	µg/L	9.8	0.11	U	--		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U
2,4-Dinitrotoluene	µg/L	2.4	0.10	U	--		0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U
2,6-Dinitrotoluene	µg/L	0.49	0.10	U	--		0.10	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.10	U
2-Amino-4,6-dinitrotoluene	µg/L	1.9	0.11	U	--		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U
4-Amino-2,6-dinitrotoluene	µg/L	1.9	0.16	U	--		0.16	U	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.16	U
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	9.7	0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	U	0.23	U	**22**		0.22	U
m-Nitrotoluene	µg/L	1.7	0.42	U	--		0.42	U	0.42	U	0.43	U	0.43	U	0.44	U	0.43	U	0.41	U
Nitrobenzene	µg/L	1.4	0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	U	0.23	U	0.22	U	0.22	U
Nitroglycerin	µg/L	2.1	2.2	U	--		2.2	U	2.2	U	2.2	U	2.3	U	2.3	U	2.2	U	2.2	U
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	µg/L	1,000	0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	U	0.23	U	0.22	U	0.22	U
o-Nitrotoluene	µg/L	3.1	0.22	U	--		0.22	U	0.22	U	0.22	U	0.23	U	0.23	U	0.22	U	0.22	U
Pentaerythritol Tetranitrate (PETN)	µg/L	170	1.1	U	--		1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
p-Nitrotoluene	µg/L	43	0.43	U	--		0.43	U	0.43	U	0.44	U	0.44	U	0.45	U	0.44	U	0.42	U
Trinitrophenylmethylnitramine (Tetryl)	µg/L	39	0.11	U	--		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U
Perchlorate - SW6850																				
Perchlorate	µg/L	14	**470**		--		**18**		**0.57**		**680**		**620**		0.20	U	0.20	U	**49**	
Metals, Total - SW6020B/SW7470A																				
Aluminum	µg/L	200	**86**	J	**890**		**210**		**17,000**		**100**	J	**150**	J	**710**		**77**	J	**84**	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
Arsenic	µg/L	10	**0.70**	J	**0.76**	J	5.0	U	**3.5**	J	**0.50**	J	5.0	U	**2.8**	J	5.0	U	5.0	U
Barium	µg/L	2,000	**8.7**		**25**		**11**		**460**		**8.8**		**9.1**		**12**		**17**		**25**	
Beryllium	µg/L	4	1.0	U	1.0	U	1.0	U	**0.53**	J	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
Calcium	µg/L	na	**56,000**		**120,000**		**15,000**		**15,000**		**19,000**		**20,000**		**7,200**		**30,000**		**11,000**	
Chromium	µg/L	50	**0.61**	J	**1.3**	J	**0.85**	J	**21**		3.0	U	**0.53**	J	**2.3**	J	3.0	U	**0.87**	J
Cobalt	µg/L	50	1.0	U	**0.63**	J	1.0	U	**5.3**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Copper	µg/L	1,000	**0.90**	J	**2.7**		2.0	U	**7.4**		2.0	U	2.0	U	**4.0**		2.0	U	2.0	U
Iron	µg/L	300	**77**	J	**750**		**110**	J	**8,900**		**64**	J	**150**	J	**590**		**88**	J	**73**	J
Lead	µg/L	15	1.0	U	**0.61**	J	1.0	U	**3.8**		1.0	U	1.0	U	**0.26**	J	1.0	U	1.0	U
Magnesium	µg/L	na	**12,000**		**35,000**		**3,800**		**7,600**		**3,100**		**2,900**		**960**		**6,900**		**1,300**	
Manganese	µg/L	50	3.0	U	**370**		**3.9**	J+	**390**		**33**		**33**		**8.1**		**10**		**29**	
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
Nickel	µg/L	200	3.0	U	**2.4**	J	3.0	U	**10**		3.0	U	3.0	U	**1.0**	J	3.0	U	3.0	U
Potassium	µg/L	na	**710**	J	**730**	J	1,000	U	**1,900**		**1,000**		**940**	J	**870**	J	1,000	U	**770**	J
Selenium	µg/L	50	**6.4**		5.0	U	5.0	U	**1.0**	J	**4.8**	J	**4.9**	J	5.0	U	**2.1**	J	5.0	U
Silver	µg/L	50	1.0	U	1.0	U	1.0	U	1.0	U	0.054	UJ	0.21	UJ	1.0	U	1.0	U	1.0	U
Sodium	µg/L	na	**490,000**		**2,700,000**		**900,000**		**560,000**		**760,000**		**770,000**		**660,000**		**790,000**		**670,000**	
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
Vanadium	µg/L	86	**12**		**4.4**	J	**6.5**		**64**		**4.2**	J	**4.3**	J	**12**		**1.1**	J	**6.9**	
Zinc	µg/L	5,000	**3.2**	J	**3.3**	J	10	U	**26**		10	U	10	U	**3.8**	J	**48**		10	U

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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW30102024		TMW33102024		TMW41102024		TMW50102024		TMW51102024		FDUP05-102024*		TMW55102024		TMW62102024		TMW64102024	
DATE SAMPLED:			10/03/2024		10/04/2024		10/04/2024		10/03/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024		10/04/2024	
LAB SAMPLE ID:			280-197620-7 280-197547-8		280-197620-39 280-197620-32		280-197620-25 280-197620-15		280-197620-4 280-197547-1		280-197620-40 280-197620-31		280-197620-30 280-197620-38		280-197620-26 280-197620-16		280-197620-23 280-197620-21		280-197620-44 280-197620-34	
Metals, Dissolved - SW6020B/SW7470A																				
Aluminum	µg/L	200	200	U	200	U	200	U	**21**	**J**	200	U	200	U	200	U	200	U	200	U
Antimony	µg/L	6	2.0	U	2.0	U	**0.56**	**J**	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Arsenic	µg/L	10	**1.0**	**J**	5.0	U	**1.2**	**J**	**2.7**	**J**	5.0	U	**0.52**	**J**	**1.8**	**J**	**0.52**	**J**	5.0	U
Barium	µg/L	2,000	**8.6**		**15**		**10**		**17**		**8.0**		**8.2**		**7.9**		**17**		**23**	
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
Cadmium	µg/L	5	1.0	U	1.0	U	**0.31**	**J**	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Calcium	µg/L	na	**57,000**		**110,000**		**15,000**		**5,400**		**18,000**		**18,000**		**7,000**		**29,000**		**11,000**	
Chromium	µg/L	50	3.0	U	3.0	U	**0.70**	**J**	**0.97**	**J**	3.0	U	3.0	U	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	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Copper	µg/L	1,000	**0.72**	**J**	**1.9**	**J**	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Iron	µg/L	300	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	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
Magnesium	µg/L	na	**11,000**		**32,000**		**3,600**		**540**		**2,900**		**2,800**		**700**		**6,600**		**1,300**	
Manganese	µg/L	50	3.0	U	**39**		**2.0**	**J**	**18**		**30**		**28**		3.0	U	**3.4**		**24**	
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
Nickel	µg/L	200	3.0	U	**1.1**	**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	**750**	**J**	**530**	**J**	**550**	**J**	**780**	**J**	**990**	**J**	**900**	**J**	**780**	**J**	**440**	**J**	**800**	**J**
Selenium	µg/L	50	**6.5**		5.0	U	5.0	U	5.0	U	**5.1**		**4.6**	**J**	5.0	U	**2.0**	**J**	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
Sodium	µg/L	na	**460,000**		**2,700,000**		**930,000**		**520,000**		**760,000**		**750,000**		**660,000**		**830,000**		**660,000**	
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
Vanadium	µg/L	86	**14**		**3.7**	**J**	**6.8**		**45**		**4.6**	**J**	**4.4**	**J**	**11**		**1.7**	**J**	**6.7**	
Zinc	µg/L	5,000	**4.3**	**J**	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Fort Wingate Depot Activity Northern Area
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SAMPLE ID:		PROJECT QUANTITATION LIMIT GOAL (PQLG)[1]	TMW30102024	TMW33102024	TMW41102024	TMW50102024	TMW51102024	FDUP05-102024*	TMW55102024	TMW62102024	TMW64102024
DATE SAMPLED:			10/03/2024	10/04/2024	10/04/2024	10/03/2024	10/04/2024	10/04/2024	10/04/2024	10/04/2024	10/04/2024
LAB SAMPLE ID:			280-197620-7 280-197547-8	280-197620-39 280-197620-32	280-197620-25 280-197620-15	280-197620-4 280-197547-1	280-197620-40 280-197620-31	280-197620-30 280-197620-38	280-197620-26 280-197620-16	280-197620-23 280-197620-21	280-197620-44 280-197620-34
General Chemistry											
Orthophosphate as P - EPA 365.1											
Orthophosphate as P	µg/L	20,000	**43** J	**19** J	50 U	**91** J	50 U	50 U	**26** J	50 U	50 U
Anions - SW9056A											
Bromide	µg/L	na	**780**	**2,100**	**1,800**	**1,100**	**920**	**920**	**530**	**520**	**950**
Chloride	µg/L	250,000	**69,000**	**580,000**	**180,000**	**160,000**	**130,000**	**130,000**	**130,000**	**68,000**	**130,000**
Fluoride	µg/L	1,600	**430** J	**680** J	**790** J	**440** J	**480** J	**500** J	**790** J	**1,000**	**310** J
Nitrate as N	µg/L	10,000	**13,000**	500 U	**6,100**	**110** J	**7,500**	**7,600**	500 U	**20,000**	500 U
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
Sulfate	µg/L	250,000	**550,000**	**2,100,000**	**660,000**	**560,000**	**740,000**	**720,000**	**630,000**	**540,000**	**960,000**

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
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SAMPLE ID:		QC04102024EB		QC03102024TB		QC04102024TB	
DATE SAMPLED:		10/04/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1		280-197620-22	
	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	**0.85**	**J**	1.0	U	1.0	U
Bromoform	µg/L	2.0	U	2.0	U	2.0	U
Bromomethane	µg/L	5.0	U	5.0	U	5.0	U

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SAMPLE ID:		QC04102024EB		QC03102024TB		QC04102024TB	
DATE SAMPLED:		10/04/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1		280-197620-22	
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	**0.68**	**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:		QC04102024EB		QC03102024TB	QC04102024TB
DATE SAMPLED:		10/04/2024		10/03/2024	10/04/2024
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1	280-197620-22
Semivolatile Organics - SW8270E					
2,2'-Oxybis (1-chloropropane)	µg/L	9.8	U	--	--
2,4,5-Trichlorophenol	µg/L	9.8	U	--	--
2,4,6-Trichlorophenol	µg/L	9.8	U	--	--
2,4-Dichlorophenol	µg/L	9.8	U	--	--
2,4-Dimethylphenol	µg/L	9.8	U	--	--
2,4-Dinitrophenol	µg/L	29	U	--	--
2,4-Dinitrotoluene	µg/L	9.8	U	--	--
2,6-Dinitrotoluene	µg/L	9.8	U	--	--
2-Chloronaphthalene	µg/L	3.9	U	--	--
2-Chlorophenol	µg/L	9.8	U	--	--
2-Methylnaphthalene	µg/L	3.9	U	--	--
2-Methylphenol	µg/L	9.8	U	--	--
2-Nitroaniline	µg/L	9.8	U	--	--
2-Nitrophenol	µg/L	9.8	U	--	--
3 & 4 Methylphenol	µg/L	9.8	U	--	--
3,3'-Dichlorobenzidine	µg/L	49	U	--	--
3-Nitroaniline	µg/L	9.8	U	--	--
4,6-Dinitro-2-methylphenol	µg/L	49	U	--	--
4-Bromophenyl phenyl ether	µg/L	9.8	U	--	--
4-Chloro-3-methylphenol	µg/L	9.8	U	--	--
4-Chloroaniline	µg/L	20	U	--	--
4-Chlorophenyl phenyl ether	µg/L	9.8	U	--	--
4-Nitroaniline	µg/L	9.8	U	--	--
4-Nitrophenol	µg/L	25	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:		10/04/2024		10/03/2024		10/04/2024	
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1		280-197620-22	
Benzo(k)fluoranthene	µg/L	3.9	U	--		--	
bis(2-Chloroethoxy)methane	µg/L	9.8	U	--		--	
bis(2-Chloroethyl)ether	µg/L	9.8	U	--		--	
bis(2-Ethylhexyl)phthalate	µg/L	9.8	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	9.8	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	9.8	U	--		--	
Fluoranthene	µg/L	3.9	U	--		--	
Fluorene	µg/L	3.9	U	--		--	
Hexachlorobenzene	µg/L	9.8	U	--		--	
Hexachlorobutadiene	µg/L	9.8	U	--		--	
Hexachlorocyclopentadiene	µg/L	49	U	--		--	
Hexachloroethane	µg/L	9.8	U	--		--	
Indeno(1,2,3-cd)pyrene	µg/L	9.8	U	--		--	
Isophorone	µg/L	9.8	U	--		--	
Naphthalene	µg/L	3.9	U	--		--	
Nitrobenzene	µg/L	9.8	U	--		--	
n-Nitrosodi-n-propylamine	µg/L	9.8	U	--		--	
N-Nitrosodiphenylamine	µg/L	9.8	U	--		--	
Pentachlorophenol	µg/L	49	U	--		--	
Phenanthrene	µg/L	3.9	U	--		--	
Phenol	µg/L	9.8	U	--		--	
Pyrene	µg/L	9.8	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	240	U	--		--	
Oil Range Organics (ORO) C20-C38	µg/L	480	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:		QC04102024EB		QC03102024TB	QC04102024TB
DATE SAMPLED:		10/04/2024		10/03/2024	10/04/2024
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1	280-197620-22
Organochlorine Pesticides - SW8081B					
4,4'-DDD	µg/L	0.047	U	--	--
4,4'-DDE	µg/L	0.047	U	--	--
4,4'-DDT	µg/L	0.047	U	--	--
Aldrin	µg/L	0.047	U	--	--
alpha-BHC	µg/L	0.047	U	--	--
alpha-Chlordane	µg/L	0.047	U	--	--
beta-BHC	µg/L	0.047	UJ	--	--
delta-BHC	µg/L	0.047	U	--	--
Dieldrin	µg/L	0.047	U	--	--
Endosulfan I	µg/L	0.047	U	--	--
Endosulfan II	µg/L	0.047	U	--	--
Endosulfan sulfate	µg/L	0.047	U	--	--
Endrin	µg/L	0.047	U	--	--
Endrin aldehyde	µg/L	0.047	U	--	--
Endrin ketone	µg/L	0.047	U	--	--
gamma-BHC (Lindane)	µg/L	0.047	U	--	--
gamma-Chlordane	µg/L	0.047	U	--	--
Heptachlor	µg/L	0.047	U	--	--
Heptachlor epoxide	µg/L	0.047	U	--	--
Methoxychlor	µg/L	0.095	U	--	--
Toxaphene	µg/L	2.8	U	--	--
PCBs - SW8082					
Aroclor 1016	µg/L	0.95	U	--	--
Aroclor 1221	µg/L	0.95	U	--	--
Aroclor 1232	µg/L	0.95	U	--	--
Aroclor 1242	µg/L	0.95	U	--	--
Aroclor 1248	µg/L	0.95	U	--	--
Aroclor 1254	µg/L	0.95	U	--	--
Aroclor 1260	µg/L	0.95	U	--	--
Aroclor 1262	µg/L	0.95	U	--	--
Aroclor 1268	µg/L	0.95	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:		QC04102024EB		QC03102024TB	QC04102024TB
DATE SAMPLED:		10/04/2024		10/03/2024	10/04/2024
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1	280-197620-22
Explosives - SW8330B					
1,3,5-Trinitrobenzene	µg/L	0.23	U	--	--
1,3-Dinitrobenzene	µg/L	0.12	U	--	--
2,4,6-Trinitrotoluene (TNT)	µg/L	0.12	U	--	--
2,4-Dinitrotoluene	µg/L	0.11	U	--	--
2,6-Dinitrotoluene	µg/L	0.11	U	--	--
2-Amino-4,6-dinitrotoluene	µg/L	0.12	U	--	--
4-Amino-2,6-dinitrotoluene	µg/L	0.16	U	--	--
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	µg/L	0.23	U	--	--
m-Nitrotoluene	µg/L	0.43	U	--	--
Nitrobenzene	µg/L	0.23	U	--	--
Nitroglycerin	µg/L	2.3	U	--	--
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	µg/L	0.23	U	--	--
o-Nitrotoluene	µg/L	0.23	U	--	--
Pentaerythritol Tetranitrate (PETN)	µg/L	1.2	U	--	--
p-Nitrotoluene	µg/L	0.44	U	--	--
Trinitrophenylmethylnitramine (Tetryl)	µg/L	0.12	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	**0.079**	**J**	--	--

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:		QC04102024EB		QC03102024TB	QC04102024TB
DATE SAMPLED:		10/04/2024		10/03/2024	10/04/2024
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1	280-197620-22
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	**70**	**J**	--	--
Chromium	µg/L	3.0	U	--	--
Cobalt	µg/L	1.0	U	--	--
Copper	µg/L	2.0	U	--	--
Iron	µg/L	**9.2**	**J**	--	--
Lead	µg/L	1.0	U	--	--
Magnesium	µg/L	**9.0**	**J**	--	--
Manganese	µg/L	**1.3**	**J**	--	--
Mercury	µg/L	0.20	U	--	--
Nickel	µg/L	3.0	U	--	--
Potassium	µg/L	**54**	**J**	--	--
Selenium	µg/L	5.0	U	--	--
Silver	µg/L	1.0	U	--	--
Sodium	µg/L	**210**	**J**	--	--
Thallium	µg/L	1.0	U	--	--
Vanadium	µg/L	5.0	U	--	--
Zinc	µg/L	10	U	--	--
Metals, Dissolved - 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	**54**	**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	200	U	--	--
Manganese	µg/L	3.0	U	--	--
Mercury	µg/L	0.20	U	--	--
Nickel	µg/L	3.0	U	--	--
Potassium	µg/L	**83**	**J**	--	--
Selenium	µg/L	5.0	U	--	--
Silver	µg/L	1.0	U	--	--
Sodium	µg/L	**500**	**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:		QC04102024EB		QC03102024TB	QC04102024TB
DATE SAMPLED:		10/04/2024		10/03/2024	10/04/2024
LAB SAMPLE ID:		280-197620-45 280-197620-37		280-197620-1	280-197620-22
General Chemistry					
Orthophosphate as P - EPA 365.1					
Orthophosphate as P	µg/L	50	U	--	--
Anions - SW9056A					
Bromide	µg/L	500	UJ	--	--
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#: 280-197620 **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	N	See DVR
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#: 280-197620 **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	N	See DVR
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#: 280-197620 **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	N	See DVR
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#: 280-197620 **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#: 280-197620 **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#: 280-197620 **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	Y	
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#: 280-197620 **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	Y	
IX.	Laboratory control samples	N	See DVR
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#: 280-197620 **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#: 280-197620 **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.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	Y	
VI.	Laboratory Blanks- MB	Y	
VII.	Surrogates	N	See DVR
VIII.	Field Blanks	Y	
IX.	Matrix spike/Matrix spike duplicate	N	See DVR
X.	Laboratory control samples	Y	
XI.	Lab 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#: 280-197620 **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	N	See DVR
III.	Instrument performance check/Tune	NA	
IV.	Initial calibration/ICV	Y	
V.	Continuing Calibration	N	See DVR
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	N	See DVR
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	Y	

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: 280-197620-1						
Method: 365.1						
TMW62102024	280-197620-21	Water	Field_Sample	Gen Prep	10/4/2024 7:30:00 AM	S2AVE
TMW29102024	280-197620-20	Water	Field_Sample	Gen Prep	10/4/2024 7:35:00 AM	S2AVE
TMW33102024	280-197620-32	Water	Field_Sample	Gen Prep	10/4/2024 11:30:00 AM	S2AVE
TMW64102024	280-197620-34	Water	Field_Sample	Gen Prep	10/4/2024 2:20:00 PM	S2AVE
TMW51102024MS	280-197620-31MS	Water	Matrix_Spike	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
MW38102024	280-197620-36	Water	Field_Sample	Gen Prep	10/4/2024 12:55:00 PM	S2AVE
FDUP06-102024	280-197620-19	Water	Field_Duplicate	Gen Prep	10/4/2024 10:40:00 AM	S2AVE
TMW04102024	280-197620-33	Water	Field_Sample	Gen Prep	10/4/2024 12:30:00 PM	S2AVE
TMW51102024MSD	280-197620-31MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
TMW01102024	280-197620-17	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW01102024MS	280-197620-17MS	Water	Matrix_Spike	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW02102024	280-197620-35	Water	Field_Sample	Gen Prep	10/4/2024 10:30:00 AM	S2AVE
FDUP05-102024	280-197620-38	Water	Field_Duplicate	Gen Prep	10/4/2024 10:10:00 AM	S2AVE
TMW55102024	280-197620-16	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW01102024MSD	280-197620-17MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW41102024	280-197620-15	Water	Field_Sample	Gen Prep	10/4/2024 9:30:00 AM	S2AVE
QC04102024EB	280-197620-37	Water	Equipment_Blank	Gen Prep	10/4/2024 2:00:00 PM	S2AVE
TMW51102024	280-197620-31	Water	Field_Sample	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
TMW23102024	280-197620-18	Water	Field_Sample	Gen Prep	10/4/2024 10:30:00 AM	S2AVE
Method: 6020B						
TMW27102024	280-197620-14	Water	Field_Sample	3020A	10/3/2024 3:40:00 PM	S2AVE
FDUP04-102024	280-197620-13	Water	Field_Duplicate	3020A	10/3/2024 3:50:00 PM	S2AVE
TMW27102024	280-197620-14	Water	Field_Sample	3005A	10/3/2024 3:40:00 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						
TMW01102024	280-197620-24	Water	Field_Sample	3020A	10/4/2024 8:30:00 AM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	3005A	10/3/2024 7:25:00 AM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	3020A	10/4/2024 12:30:00 PM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	3005A	10/4/2024 10:00:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	3005A	10/3/2024 11:40:00 AM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	3005A	10/4/2024 12:30:00 PM	S2AVE
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate	3020A	10/4/2024 8:30:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	3005A	10/3/2024 1:10:00 PM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	3020A	10/4/2024 7:30:00 AM	S2AVE
TMW22102024	280-197620-5	Water	Field_Sample	3005A	10/3/2024 8:05:00 AM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	3020A	10/3/2024 10:10:00 AM	S2AVE
TMW22102024	280-197620-5	Water	Field_Sample	3020A	10/3/2024 8:05:00 AM	S2AVE
TMW01102024	280-197620-24	Water	Field_Sample	3005A	10/4/2024 8:30:00 AM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	3020A	10/4/2024 8:30:00 AM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	3020A	10/4/2024 10:00:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	3005A	10/4/2024 10:10:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	3005A	10/4/2024 2:00:00 PM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate	3020A	10/4/2024 10:40:00 AM	S2AVE
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	3020A	10/4/2024 8:30:00 AM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	3020A	10/3/2024 11:45:00 AM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	3020A	10/4/2024 7:35:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	3020A	10/3/2024 11:40:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	3005A	10/3/2024 8:35:00 AM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	3005A	10/3/2024 10:10:00 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: 6020B						
TMW33102024	280-197620-39	Water	Field_Sample	3020A	10/4/2024 11:30:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	3005A	10/4/2024 7:30:00 AM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	3005A	10/4/2024 10:30:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	3020A	10/3/2024 1:10:00 PM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	3020A	10/4/2024 2:20:00 PM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	3020A	10/4/2024 10:30:00 AM	S2AVE
MW35102024	280-197620-11	Water	Field_Sample	3020A	10/3/2024 2:00:00 PM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	3020A	10/3/2024 9:00:00 AM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample	3020A	10/4/2024 10:30:00 AM	S2AVE
TMW25102024	280-197620-10	Water	Field_Sample	3020A	10/3/2024 2:20:00 PM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	3020A	10/4/2024 9:30:00 AM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	3005A	10/3/2024 11:45:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	3005A	10/4/2024 12:55:00 PM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	3005A	10/3/2024 8:35:00 AM	S2AVE
TMW25102024	280-197620-10	Water	Field_Sample	3005A	10/3/2024 2:20:00 PM	S2AVE
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	3005A	10/4/2024 8:30:00 AM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	3005A	10/4/2024 8:30:00 AM	S2AVE
MW35102024	280-197620-11	Water	Field_Sample	3005A	10/3/2024 2:00:00 PM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample	3005A	10/4/2024 10:30:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	3020A	10/4/2024 12:55:00 PM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	3020A	10/3/2024 7:25:00 AM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate	3005A	10/4/2024 10:40:00 AM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	3005A	10/4/2024 9:30:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	3005A	10/3/2024 9:00:00 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						
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate	3005A	10/4/2024 8:30:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	3020A	10/3/2024 8:35:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	3020A	10/4/2024 10:10:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	3005A	10/4/2024 2:20:00 PM	S2AVE
FDUP04-102024	280-197620-13	Water	Field_Duplicate	3005A	10/3/2024 3:50:00 PM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	3005A	10/4/2024 7:35:00 AM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	3020A	10/3/2024 8:35:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	3020A	10/4/2024 2:00:00 PM	S2AVE
TMW33102024	280-197620-39	Water	Field_Sample	3005A	10/4/2024 11:30:00 AM	S2AVE
Method: 6850						
TMW51102024	280-197620-40	Water	Field_Sample	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	Gen Prep	10/4/2024 9:30:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	Gen Prep	10/3/2024 1:10:00 PM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	Gen Prep	10/3/2024 11:40:00 AM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	Gen Prep	10/4/2024 10:30:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	Gen Prep	10/3/2024 9:00:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	Gen Prep	10/4/2024 2:00:00 PM	S2AVE
TMW01102024	280-197620-24	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	Gen Prep	10/4/2024 7:35:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	Gen Prep	10/4/2024 10:10:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	Gen Prep	10/4/2024 12:55:00 PM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	Gen Prep	10/4/2024 12:30:00 PM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/4/2024 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: 6850						
TMW64102024	280-197620-44	Water	Field_Sample	Gen Prep	10/4/2024 2:20:00 PM	S2AVE
MW35102024	280-197620-11	Water	Field_Sample	Gen Prep	10/3/2024 2:00:00 PM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	Gen Prep	10/4/2024 7:30:00 AM	S2AVE
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	Gen Prep	10/3/2024 8:35:00 AM	S2AVE
Method: 7470A						
MW35102024	280-197620-11	Water	Field_Sample	7470A	10/3/2024 2:00:00 PM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	7470A	10/4/2024 8:30:00 AM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	7470A	10/3/2024 7:25:00 AM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	7470A	10/4/2024 10:30:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	7470A	10/3/2024 11:40:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	7470A	10/4/2024 2:00:00 PM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	7470A	10/4/2024 12:30:00 PM	S2AVE
TMW30102024MS	280-197620-7MS	Water	Matrix_Spike	7470A	10/3/2024 8:35:00 AM	S2AVE
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	7470A	10/4/2024 8:30:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	7470A	10/4/2024 7:30:00 AM	S2AVE
TMW01102024	280-197620-24	Water	Field_Sample	7470A	10/4/2024 8:30:00 AM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	7470A	10/4/2024 9:30:00 AM	S2AVE
TMW30102024MSD	280-197620-7MSD	Water	Matrix_Spike_Duplicate	7470A	10/3/2024 8:35:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	7470A	10/4/2024 2:20:00 PM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	7470A	10/4/2024 7:35:00 AM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	7470A	10/3/2024 11:45:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	7470A	10/3/2024 9:00:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	7470A	10/3/2024 1:10:00 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						
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate	7470A	10/4/2024 8:30:00 AM	S2AVE
TMW27102024	280-197620-14	Water	Field_Sample	7470A	10/3/2024 3:40:00 PM	S2AVE
TMW33102024	280-197620-39	Water	Field_Sample	7470A	10/4/2024 11:30:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	7470A	10/3/2024 8:35:00 AM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	7470A	10/4/2024 10:00:00 AM	S2AVE
TMW22102024	280-197620-5	Water	Field_Sample	7470A	10/3/2024 8:05:00 AM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample	7470A	10/4/2024 10:30:00 AM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate	7470A	10/4/2024 10:40:00 AM	S2AVE
TMW25102024	280-197620-10	Water	Field_Sample	7470A	10/3/2024 2:20:00 PM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	7470A	10/3/2024 10:10:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	7470A	10/4/2024 10:10:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	7470A	10/4/2024 12:55:00 PM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	7470A	10/3/2024 8:35:00 AM	S2AVE
FDUP04-102024	280-197620-13	Water	Field_Duplicate	7470A	10/3/2024 3:50:00 PM	S2AVE
Method: 8015D-DRO						
MW35102024	280-197620-11	Water	Field_Sample	3510C	10/3/2024 2:00:00 PM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	3510C	10/4/2024 8:30:00 AM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	3510C	10/3/2024 7:25:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	3510C	10/4/2024 10:10:00 AM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	3510C	10/4/2024 10:00:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	3510C	10/4/2024 7:30:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	3510C	10/4/2024 2:20:00 PM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	3510C	10/3/2024 11:45:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	3510C	10/4/2024 12:55:00 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-DRO						
TMW33102024	280-197620-39	Water	Field_Sample	3510C	10/4/2024 11:30:00 AM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	3510C	10/3/2024 8:35:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	3510C	10/3/2024 1:10:00 PM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	3510C	10/3/2024 10:10:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	3510C	10/3/2024 11:40:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	3510C	10/3/2024 9:00:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	3510C	10/4/2024 2:00:00 PM	S2AVE
Method: 8015D-GRO						
QC04102024TB	280-197620-22	Water	Trip_Blank	Gen Prep	10/4/2024 8:00:00 AM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	Gen Prep	10/3/2024 8:35:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	Gen Prep	10/4/2024 2:20:00 PM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	Gen Prep	10/4/2024 12:55:00 PM	S2AVE
TMW33102024	280-197620-39	Water	Field_Sample	Gen Prep	10/4/2024 11:30:00 AM	S2AVE
QC03102024TB	280-197620-1	Water	Trip_Blank	Gen Prep	10/3/2024 8:00:00 AM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	Gen Prep	10/4/2024 10:10:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	Gen Prep	10/3/2024 11:40:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	Gen Prep	10/3/2024 1:10:00 PM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	Gen Prep	10/3/2024 11:45:00 AM	S2AVE
MW35102024	280-197620-11	Water	Field_Sample	Gen Prep	10/3/2024 2:00:00 PM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	Gen Prep	10/3/2024 7:25:00 AM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	Gen Prep	10/3/2024 10:10:00 AM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	Gen Prep	10/4/2024 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: 8015D-GRO						
QC04102024EB	280-197620-45	Water	Equipment_Blank	Gen Prep	10/4/2024 2:00:00 PM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	Gen Prep	10/3/2024 9:00:00 AM	S2AVE
Method: 8081B						
QC04102024EB	280-197620-45	Water	Equipment_Blank	3510C	10/4/2024 2:00:00 PM	S2AVE
Method: 8082A						
QC04102024EB	280-197620-45	Water	Equipment_Blank	3510C	10/4/2024 2:00:00 PM	S2AVE
Method: 8260D						
TMW55102024	280-197620-26	Water	Field_Sample	5030B	10/4/2024 8:30:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	5030B	10/4/2024 2:20:00 PM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	5030B	10/4/2024 10:10:00 AM	S2AVE
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate	5030B	10/4/2024 8:30:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	5030B	10/4/2024 7:30:00 AM	S2AVE
TMW22102024	280-197620-5	Water	Field_Sample	5030B	10/3/2024 8:05:00 AM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample	5030B	10/4/2024 10:30:00 AM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	5030B	10/4/2024 12:30:00 PM	S2AVE
TMW33102024	280-197620-39	Water	Field_Sample	5030B	10/4/2024 11:30:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	5030B	10/4/2024 12:55:00 PM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	5030B	10/3/2024 11:40:00 AM	S2AVE
TMW25102024	280-197620-10	Water	Field_Sample	5030B	10/3/2024 2:20:00 PM	S2AVE
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	5030B	10/4/2024 8:30:00 AM	S2AVE
TMW08102024	280-197620-3	Water	Field_Sample	5030B	10/3/2024 8:35:00 AM	S2AVE
TMW10102024	280-197620-9	Water	Field_Sample	5030B	10/3/2024 10:10:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	5030B	10/4/2024 2:00:00 PM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	5030B	10/4/2024 10:30:00 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: 8260D						
MW35102024	280-197620-11	Water	Field_Sample	5030B	10/3/2024 2:00:00 PM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate	5030B	10/4/2024 10:40:00 AM	S2AVE
QC04102024TB	280-197620-22	Water	Trip_Blank	5030B	10/4/2024 8:00:00 AM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	5030B	10/3/2024 7:25:00 AM	S2AVE
TMW27102024	280-197620-14	Water	Field_Sample	5030B	10/3/2024 3:40:00 PM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	5030B	10/3/2024 9:00:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	5030B	10/3/2024 8:35:00 AM	S2AVE
MW03102024	280-197620-8	Water	Field_Sample	5030B	10/3/2024 11:45:00 AM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	5030B	10/4/2024 7:35:00 AM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	5030B	10/4/2024 9:30:00 AM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	5030B	10/3/2024 1:10:00 PM	S2AVE
TMW01102024	280-197620-24	Water	Field_Sample	5030B	10/4/2024 8:30:00 AM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	5030B	10/4/2024 10:00:00 AM	S2AVE
FDUP04-102024	280-197620-13	Water	Field_Duplicate	5030B	10/3/2024 3:50:00 PM	S2AVE
QC03102024TB	280-197620-1	Water	Trip_Blank	5030B	10/3/2024 8:00:00 AM	S2AVE
Method: 8270E						
QC04102024EB	280-197620-45	Water	Equipment_Blank	3510C	10/4/2024 2:00:00 PM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	3510C	10/4/2024 8:30:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample	3510C	10/4/2024 2:20:00 PM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate	3510C	10/4/2024 10:40:00 AM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	3510C	10/4/2024 9:30:00 AM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample	3510C	10/4/2024 12:30:00 PM	S2AVE
MW22D102024	280-197620-12	Water	Field_Sample	3510C	10/3/2024 1:10:00 PM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	3510C	10/4/2024 10:10:00 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							
TMW33102024	280-197620-39	Water	Field_Sample	3510C		10/4/2024 11:30:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	3510C		10/3/2024 9:00:00 AM	S2AVE
MW35102024	280-197620-11	Water	Field_Sample	3510C		10/3/2024 2:00:00 PM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample	3510C		10/4/2024 10:30:00 AM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample	3510C		10/4/2024 10:30:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample	3510C		10/4/2024 7:30:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	3510C		10/3/2024 8:35:00 AM	S2AVE
TMW07102024	280-197620-2	Water	Field_Sample	3510C		10/3/2024 7:25:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	3510C		10/4/2024 12:55:00 PM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample	3510C		10/4/2024 10:00:00 AM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample	3510C		10/3/2024 11:40:00 AM	S2AVE
Method: 8321B							
QC04102024EB	280-197620-45	Water	Equipment_Blank	Gen Prep		10/4/2024 2:00:00 PM	S2AVE
Method: 8330B							
MW35102024	280-197620-11	Water	Field_Sample		3535	10/3/2024 2:00:00 PM	S2AVE
MW25102024	280-197620-6	Water	Field_Sample		3535	10/3/2024 11:40:00 AM	S2AVE
TMW64102024	280-197620-44	Water	Field_Sample		3535	10/4/2024 2:20:00 PM	S2AVE
TMW51102024	280-197620-40	Water	Field_Sample		3535	10/4/2024 10:00:00 AM	S2AVE
TMW62102024	280-197620-23	Water	Field_Sample		3535	10/4/2024 7:30:00 AM	S2AVE
TMW02102024	280-197620-42	Water	Field_Sample		3535	10/4/2024 10:30:00 AM	S2AVE
TMW23102024	280-197620-27	Water	Field_Sample		3535	10/4/2024 10:30:00 AM	S2AVE
FDUP06-102024	280-197620-28	Water	Field_Duplicate		3535	10/4/2024 10:40:00 AM	S2AVE
TMW04102024	280-197620-41	Water	Field_Sample		3535	10/4/2024 12:30:00 PM	S2AVE
TMW01102024MSD	280-197620-24MSD	Water	Matrix_Spike_Duplicate		3535	10/4/2024 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: 8330B						
TMW01102024MS	280-197620-24MS	Water	Matrix_Spike	3535	10/4/2024 8:30:00 AM	S2AVE
TMW01102024	280-197620-24	Water	Field_Sample	3535	10/4/2024 8:30:00 AM	S2AVE
QC04102024EB	280-197620-45	Water	Equipment_Blank	3535	10/4/2024 2:00:00 PM	S2AVE
FDUP05-102024	280-197620-30	Water	Field_Duplicate	3535	10/4/2024 10:10:00 AM	S2AVE
TMW29102024	280-197620-29	Water	Field_Sample	3535	10/4/2024 7:35:00 AM	S2AVE
TMW55102024	280-197620-26	Water	Field_Sample	3535	10/4/2024 8:30:00 AM	S2AVE
TMW50102024	280-197620-4	Water	Field_Sample	3535	10/3/2024 9:00:00 AM	S2AVE
TMW30102024	280-197620-7	Water	Field_Sample	3535	10/3/2024 8:35:00 AM	S2AVE
TMW22102024	280-197620-5	Water	Field_Sample	3535	10/3/2024 8:05:00 AM	S2AVE
MW38102024	280-197620-43	Water	Field_Sample	3535	10/4/2024 12:55:00 PM	S2AVE
TMW41102024	280-197620-25	Water	Field_Sample	3535	10/4/2024 9:30:00 AM	S2AVE
Method: 9056A						
TMW33102024	280-197620-32	Water	Field_Sample	Gen Prep	10/4/2024 11:30:00 AM	S2AVE
TMW04102024	280-197620-33	Water	Field_Sample	Gen Prep	10/4/2024 12:30:00 PM	S2AVE
TMW01102024MSD	280-197620-17MSD	Water	Matrix_Spike_Duplicate	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW01102024DUP	280-197620-17DUP	Water	Duplicate	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW02102024	280-197620-35	Water	Field_Sample	Gen Prep	10/4/2024 10:30:00 AM	S2AVE
TMW64102024	280-197620-34	Water	Field_Sample	Gen Prep	10/4/2024 2:20:00 PM	S2AVE
TMW01102024	280-197620-17	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW23102024	280-197620-18	Water	Field_Sample	Gen Prep	10/4/2024 10:30:00 AM	S2AVE
TMW29102024	280-197620-20	Water	Field_Sample	Gen Prep	10/4/2024 7:35:00 AM	S2AVE
TMW51102024	280-197620-31	Water	Field_Sample	Gen Prep	10/4/2024 10:00:00 AM	S2AVE
TMW62102024	280-197620-21	Water	Field_Sample	Gen Prep	10/4/2024 7:30:00 AM	S2AVE
MW38102024	280-197620-36	Water	Field_Sample	Gen Prep	10/4/2024 12:55:00 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: 9056A						
TMW01102024MS	280-197620-17MS	Water	Matrix_Spike	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
TMW55102024	280-197620-16	Water	Field_Sample	Gen Prep	10/4/2024 8:30:00 AM	S2AVE
FDUP06-102024	280-197620-19	Water	Field_Duplicate	Gen Prep	10/4/2024 10:40:00 AM	S2AVE
QC04102024EB	280-197620-37	Water	Equipment_Blank	Gen Prep	10/4/2024 2:00:00 PM	S2AVE
FDUP05-102024	280-197620-38	Water	Field_Duplicate	Gen Prep	10/4/2024 10:10:00 AM	S2AVE
TMW41102024	280-197620-15	Water	Field_Sample	Gen Prep	10/4/2024 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

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: 280-197620-1

Laboratory: TAL DEN

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

Validation Area	*Note*
Technical Holding Times	SR
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	SR
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: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

No Data Review Qualifiers Applie

QC Outlier Report: HoldingTimes

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 9056A **Preparation Method: Gen Prep**

Matrix: Water

Sample ID	Type	Actual	Criteria	Units	Flag
FDUP06-102024 (Initial/TOT)	Sampling To Analysis	85.50	48.00	HOURS	J- (all detects)
TMW01102024 (Initial/TOT)		90.00	48.00	HOURS	UJ (all non-detects)
TMW01102024DUP (Initial/TOT)		90.25	48.00	HOURS	
TMW01102024MS (Initial/TOT)		90.50	48.00	HOURS	
TMW01102024MSD (Initial/TOT)		90.50	48.00	HOURS	
TMW23102024 (Initial/TOT)		85.50	48.00	HOURS	

Trip Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1

Laboratory: TAL DEN

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

No Data Review Qualifiers Applie

Equipment Rinsate Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1

Laboratory: TAL DEN

EDD Filename:
280-197620-1_52_2a_ParsonsFtWingate_rev

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr

Method: **6020B**

Equipment Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
QC04102024EB(Initial/DIS)	10/4/2024 2:00:00 PM	CALCIUM POTASSIUM SODIUM	54 ug/L 83 ug/L 500 ug/L	FDUP04-102024 FDUP05-102024 FDUP06-102024 MW03102024 MW22D102024 MW25102024 MW35102024 MW38102024 TMW01102024 TMW02102024 TMW04102024 TMW07102024 TMW08102024 TMW10102024 TMW22102024 TMW23102024 TMW25102024 TMW27102024 TMW29102024 TMW30102024 TMW33102024 TMW41102024 TMW50102024 TMW51102024 TMW55102024 TMW62102024 TMW64102024
QC04102024EB(Initial/TOT)	10/4/2024 2:00:00 PM	CALCIUM IRON MAGNESIUM MANGANESE POTASSIUM SODIUM	70 ug/L 9.2 ug/L 9 ug/L 1.3 ug/L 54 ug/L 210 ug/L	FDUP04-102024 FDUP05-102024 FDUP06-102024 MW03102024 MW22D102024 MW25102024 MW35102024 MW38102024 TMW01102024 TMW02102024 TMW04102024 TMW07102024 TMW08102024 TMW10102024 TMW22102024 TMW23102024 TMW25102024 TMW27102024 TMW29102024 TMW30102024 TMW33102024 TMW41102024 TMW50102024 TMW51102024 TMW55102024 TMW62102024 TMW64102024

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
FDUP06-102024(Initial/DIS)	POTASSIUM	350 ug/L	1000U ug/L
MW22D102024(Initial/DIS)	POTASSIUM	390 ug/L	1000U ug/L
MW22D102024(Initial/TOT)	IRON	32 ug/L	200U ug/L

Project Name and Number: Fort Wingate Depot Activity Northern Area - USACE Project:

Equipment Rinsate Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1

Laboratory: TAL DEN

EDD Filename:
280-197620-1_52_2a_ParsonsFtWingate_rev

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
MW38102024(Initial/DIS)	POTASSIUM	260 ug/L	1000U ug/L
TMW01102024(Initial/DIS)	POTASSIUM	340 ug/L	1000U ug/L
TMW01102024(Initial/TOT)	IRON	37 ug/L	200U ug/L
TMW01102024(Initial/TOT)	POTASSIUM	240 ug/L	1000U ug/L
TMW02102024(Initial/TOT)	IRON	30 ug/L	200U ug/L
TMW04102024(Initial/TOT)	MANGANESE	0.79 ug/L	3.0U ug/L
TMW10102024(Initial/DIS)	POTASSIUM	350 ug/L	1000U ug/L
TMW10102024(Initial/TOT)	IRON	9.2 ug/L	200U ug/L
TMW10102024(Initial/TOT)	POTASSIUM	270 ug/L	1000U ug/L
TMW23102024(Initial/DIS)	POTASSIUM	370 ug/L	1000U ug/L
TMW25102024(Initial/DIS)	POTASSIUM	300 ug/L	1000U ug/L
TMW25102024(Initial/TOT)	POTASSIUM	220 ug/L	1000U ug/L
TMW30102024(Initial/TOT)	MANGANESE	2.0 ug/L	3.0U ug/L
TMW41102024(Initial/TOT)	MANGANESE	3.9 ug/L	3.9U ug/L

Method: **6850**

Equipment Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
QC04102024EB(Initial/TOT)	10/4/2024 2:00:00 PM	PERCHLORATE	0.079 ug/L	FDUP04-102024 FDUP05-102024 FDUP06-102024 MW03102024 MW22D102024 MW25102024 MW35102024 MW38102024 TMW01102024 TMW02102024 TMW04102024 TMW07102024 TMW08102024 TMW10102024 TMW22102024 TMW23102024 TMW25102024 TMW27102024 TMW29102024 TMW30102024 TMW33102024 TMW41102024 TMW50102024 TMW51102024 TMW55102024 TMW62102024 TMW64102024

Equipment Rinsate Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1

Laboratory: TAL DEN

EDD Filename:
280-197620-1_52_2a_ParsonsFtWingate_rev

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr

Method: **6850**

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
MW25102024(Initial/TOT)	PERCHLORATE	0.16 ug/L	0.20U ug/L
TMW04102024(Initial/TOT)	PERCHLORATE	0.31 ug/L	0.31U ug/L

Method Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: **6020B**
Matrix: **Water**

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
MB 280-669974/1-A	10/8/2024 8:49:08 PM	MANGANESE	0.761 ug/L	MW03102024 MW25102024 MW35102024 TMW07102024 TMW08102024 TMW10102024 TMW22102024 TMW25102024 TMW30102024 TMW50102024
MB 280-669978/1-A	10/10/2024 9:35:05 AM	IRON	15.1 ug/L	MW03102024 MW22D102024 MW25102024 MW35102024 TMW07102024 TMW08102024 TMW10102024 TMW22102024 TMW25102024 TMW30102024 TMW50102024
MB 280-669980/1-A	10/10/2024 10:06:34 PM	ALUMINUM IRON POTASSIUM ZINC	27.5 ug/L 16.0 ug/L 57.2 ug/L 2.44 ug/L	FDUP04-102024 FDUP05-102024 FDUP06-102024 MW38102024 QC04102024EB TMW01102024 TMW02102024 TMW04102024 TMW23102024 TMW27102024 TMW29102024 TMW33102024 TMW41102024 TMW51102024 TMW55102024 TMW62102024 TMW64102024
MB 280-670062/1-A	10/11/2024 9:13:28 PM	MANGANESE	0.813 ug/L	FDUP04-102024 FDUP05-102024 FDUP06-102024 MW22D102024 MW38102024 TMW01102024 TMW02102024 TMW04102024 TMW23102024 TMW27102024 TMW29102024 TMW33102024 TMW41102024 TMW51102024 TMW55102024 TMW62102024
MB 280-670073/1-A	10/10/2024 8:46:26 PM	ALUMINUM IRON	11.2 ug/L 12.0 ug/L	QC04102024EB TMW64102024

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
FDUP04-102024(Initial/DIS)	ZINC	4.3 ug/L	10U ug/L

Project Name and Number: Fort Wingate Depot Activity Northern Area - NM6213820974

Method Blank Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
FDUP05-102024(Initial/DIS)	IRON	17 ug/L	200U ug/L
FDUP06-102024(Initial/DIS)	IRON	38 ug/L	200U ug/L
FDUP06-102024(Initial/DIS)	ZINC	3.5 ug/L	10U ug/L
MW22D102024(Initial/DIS)	IRON	16 ug/L	200U ug/L
MW25102024(Initial/DIS)	IRON	9.5 ug/L	200U ug/L
MW35102024(Initial/DIS)	IRON	12 ug/L	200U ug/L
MW38102024(Initial/DIS)	IRON	11 ug/L	200U ug/L
MW38102024(Initial/DIS)	POTASSIUM	260 ug/L	1000U ug/L
QC04102024EB(Initial/DIS)	POTASSIUM	83 ug/L	1000U ug/L
QC04102024EB(Initial/TOT)	IRON	9.2 ug/L	200U ug/L
TMW01102024(Initial/DIS)	IRON	9.5 ug/L	200U ug/L
TMW04102024(Initial/DIS)	ALUMINUM	12 ug/L	200U ug/L
TMW04102024(Initial/DIS)	IRON	8.8 ug/L	200U ug/L
TMW04102024(Initial/TOT)	MANGANESE	0.79 ug/L	3.0U ug/L
TMW07102024(Initial/DIS)	IRON	20 ug/L	200U ug/L
TMW08102024(Initial/DIS)	IRON	39 ug/L	200U ug/L
TMW22102024(Initial/DIS)	IRON	9.1 ug/L	200U ug/L
TMW25102024(Initial/DIS)	IRON	24 ug/L	200U ug/L
TMW27102024(Initial/DIS)	ZINC	5.5 ug/L	10U ug/L
TMW30102024(Initial/TOT)	MANGANESE	2.0 ug/L	3.0U ug/L
TMW41102024(Initial/DIS)	ALUMINUM	8.9 ug/L	200U ug/L
TMW41102024(Initial/TOT)	MANGANESE	3.9 ug/L	3.9U ug/L
TMW55102024(Initial/DIS)	ALUMINUM	24 ug/L	200U ug/L
TMW64102024(Initial/DIS)	ALUMINUM	18 ug/L	200U ug/L
TMW64102024(Initial/DIS)	IRON	26 ug/L	200U ug/L

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

Method: 8270E

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCSD 280-670515/3-A (MW38102024 QC04102024EB TMW02102024 TMW04102024 TMW64102024)	HEXACHLOROCYCLOPENTADIEN	-	-	10.00-120.00	21 (20.00)	HEXACHLOROCYCLOPENTADIE	J (all detects)

Method: 8081B

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
LCSD 280-670518/7-A (QC04102024EB)	TOXAPHENE	-	-	33.00-134.00	34 (30.00)	TOXAPHENE	J(all detects)
LCS 280-670518/2-A (QC04102024EB)	BETA-BHC	55	-	56.00-136.00	-	BETA-BHC	J-(all detects) UJ(all non-detects)

Surrogate Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 8015D-DRO
Matrix: Water

Sample ID (Analysis Type)	Surrogate	Sample % Recovery	% Recovery Limits	Affected Compounds	Flag
TMW50102024 (Initial/TOT)	n-Octacosane	56	60.00-142.00	All Target Analytes	J-(all detects) UJ(all non-detects)
TMW55102024 (Initial/TOT)	n-Octacosane	58	60.00-142.00	All Target Analytes	J-(all detects) UJ(all non-detects)

Method: 8330B
Matrix: Water

Sample ID (Analysis Type)	Surrogate	Sample % Recovery	% Recovery Limits	Affected Compounds	Flag
MW38102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	74	83.00-119.00	All Target Analytes	J- (all detects) UJ (all non-detects)
TMW04102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	510	83.00-119.00	All Target Analytes	J+(all detects)
TMW23102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	125	83.00-119.00	All Target Analytes	J+(all detects)
TMW62102024 (Initial/TOT)	1,2-Dinitrobenzene [1,2-DNB]	139	83.00-119.00	All Target Analytes	J+(all detects)

Matrix Spike/Matrix Spike Duplicate Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
TMW01102024MS (Dissolved) TMW01102024MS (Total) TMW01102024MSD (Dissolved) TMW01102024MSD (Total) (TMW01102024)	CALCIUM MAGNESIUM SODIUM	222 34 838	572 138 2466	87.00-118.00 83.00-118.00 85.00-117.00	- - -	CALCIUM MAGNESIUM SODIUM	J (all detects) UJ (all non-detects)
TMW01102024MS (Dissolved) TMW01102024MSD (Dissolved) (TMW01102024)	MANGANESE POTASSIUM	85 86	85 -	87.00-115.00 87.00-115.00	- -	MANGANESE POTASSIUM	J-(all detects) UJ(all non-detects)

Method: 6850

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
TMW01102024MS TMW01102024MSD (TMW01102024)	PERCHLORATE	593	-149	84.00-119.00	-	PERCHLORATE	J(all detects) UJ(all non-detects)

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

Method: 8330B

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
TMW01102024MSD (TMW01102024)	o-Nitrotoluene	-	-	70.00-127.00	22 (20.00)	o-Nitrotoluene	J(all detects)
TMW01102024MSD (TMW01102024)	m-Nitrotoluene	-	70	73.00-125.00	-	m-Nitrotoluene	J-(all detects) UJ(all non-detects)

Method: 9056A

QC Sample ID (Associated Samples)	Compound	MS %R	MSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
TMW01102024MS TMW01102024MSD (TMW01102024)	SULFATE	43	50	87.00-112.00	-	SULFATE	J-(all detects) UJ(all non-detects)
TMW01102024MS TMW01102024MSD (TMW01102024)	BROMIDE	118	121	91.00-110.00	-	BROMIDE	J+(all detects)

Lab Duplicate Outlier Report

Lab Reporting Batch ID: 280-197620-1

Laboratory: TAL DEN

EDD Filename:
280-197620-1_52_2a_ParsonsFtWingate

eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ

Method: 9056A
Matrix: Water

QC Sample ID (Associated Sample ID)	Analyte	Sample RPD	eQAPP RPD	Flag
TMW01102024DUP (TMW01102024)	BROMIDE	22	10.00	J (all detects) UJ (all non-detects)

Field Duplicate Outlier Report

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ**

280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev

Method: 6020B

Matrix: Water

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW51102024 (Total)	FDUP05-102024 (Total)			
ALUMINUM	100	150	40	30.00	J (all detects) UJ (all non-detects)
IRON	64	150	80	30.00	
SILVER	0.054	0.21	118	30.00	

Analyte	Concentration (ug/L)		Sample RPD	eQAPP RPD	Flag
	TMW23102024 (Total)	FDUP06-102024 (Total)			
ANTIMONY	0.43	0.61	35	30.00	J(all detects) UJ(all non-detects)

Project Name and Number: Fort Wingate Depot Activity Northern Area - USACE Project: USACE Project: USACE

Field QC Assignments and Associated Samples

EDD File Name: 280-197620-1
eQapp Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr

	Associated Samples	Sample Collection Date
Field QC FDUP04-102024 **QC Type:** Field_Duplicate		
	TMW27102024	10/3/2024 3:40:00 PM
Field QC FDUP05-102024 **QC Type:** Field_Duplicate		
	TMW51102024	10/4/2024 10:00:00 AM
	TMW51102024	10/4/2024 10:00:00 AM
Field QC FDUP06-102024 **QC Type:** Field_Duplicate		
	TMW23102024	10/4/2024 10:30:00 AM
	TMW23102024	10/4/2024 10:30:00 AM
Field QC QC03102024TB **QC Type:** Trip_Blank		
	TMW27102024	10/3/2024 3:40:00 PM
	TMW33102024	10/4/2024 11:30:00 AM
	TMW04102024	10/4/2024 12:30:00 PM
	MW35102024	10/3/2024 2:00:00 PM
	TMW51102024	10/4/2024 10:00:00 AM
	FDUP04-102024	10/3/2024 3:50:00 PM
	TMW01102024	10/4/2024 8:30:00 AM
	TMW07102024	10/3/2024 7:25:00 AM
	TMW55102024	10/4/2024 8:30:00 AM
	TMW62102024	10/4/2024 7:30:00 AM
	MW25102024	10/3/2024 11:40:00 AM
	TMW02102024	10/4/2024 10:30:00 AM
	TMW41102024	10/4/2024 9:30:00 AM
	TMW64102024	10/4/2024 2:20:00 PM
	MW22D102024	10/3/2024 1:10:00 PM
	TMW22102024	10/3/2024 8:05:00 AM
	TMW10102024	10/3/2024 10:10:00 AM
	FDUP05-102024	10/4/2024 10:10:00 AM

	Associated Samples	Sample Collection Date
	TMW23102024	10/4/2024 10:30:00 AM
	TMW29102024	10/4/2024 7:35:00 AM
	FDUP06-102024	10/4/2024 10:40:00 AM
	TMW08102024	10/3/2024 8:35:00 AM
	MW03102024	10/3/2024 11:45:00 AM
	TMW50102024	10/3/2024 9:00:00 AM
	MW38102024	10/4/2024 12:55:00 PM
	TMW30102024	10/3/2024 8:35:00 AM
	TMW25102024	10/3/2024 2:20:00 PM
Field QC Sample: QC04102024EB **QC Type:** Equipment_Blank		
	TMW27102024	10/3/2024 3:40:00 PM
	TMW33102024	10/4/2024 11:30:00 AM
	TMW04102024	10/4/2024 12:30:00 PM
	MW35102024	10/3/2024 2:00:00 PM
	TMW51102024	10/4/2024 10:00:00 AM
	FDUP04-102024	10/3/2024 3:50:00 PM
	TMW01102024	10/4/2024 8:30:00 AM
	TMW07102024	10/3/2024 7:25:00 AM
	TMW55102024	10/4/2024 8:30:00 AM
	TMW62102024	10/4/2024 7:30:00 AM
	MW25102024	10/3/2024 11:40:00 AM
	TMW02102024	10/4/2024 10:30:00 AM
	TMW41102024	10/4/2024 9:30:00 AM
	TMW64102024	10/4/2024 2:20:00 PM
	MW22D102024	10/3/2024 1:10:00 PM
	TMW22102024	10/3/2024 8:05:00 AM
	TMW10102024	10/3/2024 10:10:00 AM
	FDUP05-102024	10/4/2024 10:10:00 AM
	TMW23102024	10/4/2024 10:30:00 AM
	TMW29102024	10/4/2024 7:35:00 AM
	FDUP06-102024	10/4/2024 10:40:00 AM
	TMW08102024	10/3/2024 8:35:00 AM
	MW03102024	10/3/2024 11:45:00 AM
	TMW50102024	10/3/2024 9:00:00 AM
	MW38102024	10/4/2024 12:55:00 PM
	TMW30102024	10/3/2024 8:35:00 AM
	TMW25102024	10/3/2024 2:20:00 PM
	TMW27102024	10/3/2024 3:40:00 PM
	TMW33102024	10/4/2024 11:30:00 AM
	TMW04102024	10/4/2024 12:30:00 PM
	MW35102024	10/3/2024 2:00:00 PM
	TMW51102024	10/4/2024 10:00:00 AM
	FDUP04-102024	10/3/2024 3:50:00 PM

	Associated Samples	Sample Collection Date
	TMW01102024	10/4/2024 8:30:00 AM
	TMW07102024	10/3/2024 7:25:00 AM
	TMW55102024	10/4/2024 8:30:00 AM
	TMW62102024	10/4/2024 7:30:00 AM
	MW25102024	10/3/2024 11:40:00 AM
	TMW02102024	10/4/2024 10:30:00 AM
	TMW41102024	10/4/2024 9:30:00 AM
	TMW64102024	10/4/2024 2:20:00 PM
	MW22D102024	10/3/2024 1:10:00 PM
	TMW22102024	10/3/2024 8:05:00 AM
	TMW10102024	10/3/2024 10:10:00 AM
	FDUP05-102024	10/4/2024 10:10:00 AM
	TMW23102024	10/4/2024 10:30:00 AM
	TMW29102024	10/4/2024 7:35:00 AM
	FDUP06-102024	10/4/2024 10:40:00 AM
	TMW08102024	10/3/2024 8:35:00 AM
	MW03102024	10/3/2024 11:45:00 AM
	TMW50102024	10/3/2024 9:00:00 AM
	MW38102024	10/4/2024 12:55:00 PM
	TMW30102024	10/3/2024 8:35:00 AM
	TMW25102024	10/3/2024 2:20:00 PM

Field QC QC04102024TB
QC Type: Trip_Blank

	TMW27102024	10/3/2024 3:40:00 PM
	TMW33102024	10/4/2024 11:30:00 AM
	TMW04102024	10/4/2024 12:30:00 PM
	MW35102024	10/3/2024 2:00:00 PM
	TMW51102024	10/4/2024 10:00:00 AM
	FDUP04-102024	10/3/2024 3:50:00 PM
	TMW01102024	10/4/2024 8:30:00 AM
	TMW07102024	10/3/2024 7:25:00 AM
	TMW55102024	10/4/2024 8:30:00 AM
	TMW62102024	10/4/2024 7:30:00 AM
	MW25102024	10/3/2024 11:40:00 AM
	TMW02102024	10/4/2024 10:30:00 AM
	TMW41102024	10/4/2024 9:30:00 AM
	TMW64102024	10/4/2024 2:20:00 PM
	MW22D102024	10/3/2024 1:10:00 PM
	TMW22102024	10/3/2024 8:05:00 AM
	TMW10102024	10/3/2024 10:10:00 AM
	FDUP05-102024	10/4/2024 10:10:00 AM
	TMW23102024	10/4/2024 10:30:00 AM
	TMW29102024	10/4/2024 7:35:00 AM
	FDUP06-102024	10/4/2024 10:40:00 AM

Associated Samples	Sample Collection Date
TMW08102024	10/3/2024 8:35:00 AM
MW03102024	10/3/2024 11:45:00 AM
TMW50102024	10/3/2024 9:00:00 AM
MW38102024	10/4/2024 12:55:00 PM
TMW30102024	10/3/2024 8:35:00 AM
TMW25102024	10/3/2024 2:20:00 PM

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
FDUP06-102024	Orthophosphate as P	J	37	50	LOQ	ug/L	J (all detects)
MW38102024	Orthophosphate as P	J	24	50	LOQ	ug/L	J (all detects)
TMW01102024	Orthophosphate as P	J	35	50	LOQ	ug/L	J (all detects)
TMW23102024	Orthophosphate as P	J	43	50	LOQ	ug/L	J (all detects)
TMW29102024	Orthophosphate as P	J	33	50	LOQ	ug/L	J (all detects)
TMW33102024	Orthophosphate as P	J	19	50	LOQ	ug/L	J (all detects)
TMW55102024	Orthophosphate as P	J	26	50	LOQ	ug/L	J (all detects)

Method: 6020B

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
FDUP04-102024	POTASSIUM	J	480	1000	LOQ	ug/L	J (all detects)
	SILVER	J	0.12	1.0	LOQ	ug/L	
	ZINC	J	4.3	10	LOQ	ug/L	
FDUP05-102024	ALUMINUM	J	150	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.52	5.0	LOQ	ug/L	
	CHROMIUM	J	0.53	3.0	LOQ	ug/L	
	IRON	J	17	200	LOQ	ug/L	
	POTASSIUM	J	900	1000	LOQ	ug/L	
	SELENIUM	J	4.6	5.0	LOQ	ug/L	
	SILVER	J	0.21	1.0	LOQ	ug/L	
	VANADIUM	J	4.4	5.0	LOQ	ug/L	
FDUP06-102024	ANTIMONY	J	0.61	2.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.83	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.40	1.0	LOQ	ug/L	
	CHROMIUM	J	0.73	3.0	LOQ	ug/L	
	IRON	J	38	200	LOQ	ug/L	
	POTASSIUM	J	350	1000	LOQ	ug/L	
	VANADIUM	J	2.6	5.0	LOQ	ug/L	
	ZINC	J	3.5	10	LOQ	ug/L	
MW03102024	COPPER	J	0.81	2.0	LOQ	ug/L	J (all detects)
	NICKEL	J	0.85	3.0	LOQ	ug/L	
	POTASSIUM	J	360	1000	LOQ	ug/L	
	VANADIUM	J	1.5	5.0	LOQ	ug/L	
MW22D102024	ARSENIC	J	0.71	5.0	LOQ	ug/L	J (all detects)
	COPPER	J	0.78	2.0	LOQ	ug/L	
	IRON	J	16	200	LOQ	ug/L	
	POTASSIUM	J	370	1000	LOQ	ug/L	
	VANADIUM	J	1.1	5.0	LOQ	ug/L	
	ZINC	J	3.9	10	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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*
MW25102024	ARSENIC	J	0.55	5.0	LOQ	ug/L	
	CHROMIUM	J	0.55	3.0	LOQ	ug/L	
	COPPER	J	1.1	2.0	LOQ	ug/L	
	IRON	J	150	200	LOQ	ug/L	J (all detects)
	POTASSIUM	J	890	1000	LOQ	ug/L	
	VANADIUM	J	2.1	5.0	LOQ	ug/L	
	ZINC	J	3.6	10	LOQ	ug/L	
MW35102024	ARSENIC	J	0.68	5.0	LOQ	ug/L	
	CHROMIUM	J	0.80	3.0	LOQ	ug/L	
	COPPER	J	0.87	2.0	LOQ	ug/L	
	IRON	J	12	200	LOQ	ug/L	J (all detects)
	VANADIUM	J	4.8	5.0	LOQ	ug/L	
	ZINC	J	2.0	10	LOQ	ug/L	
MW38102024	ARSENIC	J	1.7	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.37	1.0	LOQ	ug/L	
	CADMIUM	J	0.26	1.0	LOQ	ug/L	
	COPPER	J	1.5	2.0	LOQ	ug/L	
	IRON	J	11	200	LOQ	ug/L	J (all detects)
	NICKEL	J	1.1	3.0	LOQ	ug/L	
	POTASSIUM	J	260	1000	LOQ	ug/L	
	SILVER	J	0.048	1.0	LOQ	ug/L	
	VANADIUM	J	2.9	5.0	LOQ	ug/L	
QC04102024EB	CALCIUM	J	54	200	LOQ	ug/L	
	IRON	J	9.2	200	LOQ	ug/L	
	MAGNESIUM	J	9.0	200	LOQ	ug/L	J (all detects)
	MANGANESE	J	1.3	3.0	LOQ	ug/L	
	POTASSIUM	J	83	1000	LOQ	ug/L	
	SODIUM	J	500	1000	LOQ	ug/L	
TMW01102024	ALUMINUM	J	48	200	LOQ	ug/L	
	ARSENIC	J	0.80	5.0	LOQ	ug/L	
	CADMIUM	J	0.23	1.0	LOQ	ug/L	
	CHROMIUM	J	0.68	3.0	LOQ	ug/L	
	IRON	J	9.5	200	LOQ	ug/L	J (all detects)
	POTASSIUM	J J1	340	1000	LOQ	ug/L	
	SELENIUM	J	1.6	5.0	LOQ	ug/L	
	SILVER	J	0.23	1.0	LOQ	ug/L	
TMW02102024	ALUMINUM	J	8.3	200	LOQ	ug/L	
	ARSENIC	J	0.97	5.0	LOQ	ug/L	J (all detects)
	IRON	J	30	200	LOQ	ug/L	
	ZINC	J	4.1	10	LOQ	ug/L	
TMW04102024	ALUMINUM	J	12	200	LOQ	ug/L	
	ARSENIC	J	0.66	5.0	LOQ	ug/L	
	CHROMIUM	J	2.3	3.0	LOQ	ug/L	
	IRON	J	8.8	200	LOQ	ug/L	J (all detects)
	MANGANESE	J	0.79	3.0	LOQ	ug/L	
	POTASSIUM	J	560	1000	LOQ	ug/L	
	SILVER	J	0.092	1.0	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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*
TMW07102024	ALUMINUM	J	130	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.91	5.0	LOQ	ug/L	
	CHROMIUM	J	1.3	3.0	LOQ	ug/L	
	COBALT	J	0.36	1.0	LOQ	ug/L	
	COPPER	J	0.80	2.0	LOQ	ug/L	
	IRON	J	20	200	LOQ	ug/L	
	NICKEL	J	1.1	3.0	LOQ	ug/L	
	SILVER	J	0.048	1.0	LOQ	ug/L	
	VANADIUM	J	4.7	5.0	LOQ	ug/L	
	ZINC	J	5.4	10	LOQ	ug/L	
TMW08102024	ALUMINUM	J	35	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.94	5.0	LOQ	ug/L	
	COBALT	J	0.56	1.0	LOQ	ug/L	
	COPPER	J	1.9	2.0	LOQ	ug/L	
	IRON	J	39	200	LOQ	ug/L	
	NICKEL	J	1.8	3.0	LOQ	ug/L	
	SILVER	J	0.048	1.0	LOQ	ug/L	
	VANADIUM	J	1.7	5.0	LOQ	ug/L	
	ZINC	J	6.0	10	LOQ	ug/L	
TMW10102024	ALUMINUM	J	12	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	1.0	5.0	LOQ	ug/L	
	COPPER	J	1.2	2.0	LOQ	ug/L	
	IRON	J	9.2	200	LOQ	ug/L	
	POTASSIUM	J	270	1000	LOQ	ug/L	
	SILVER	J	0.082	1.0	LOQ	ug/L	
	VANADIUM	J	4.2	5.0	LOQ	ug/L	
	ZINC	J	2.5	10	LOQ	ug/L	
TMW22102024	ARSENIC	J	1.2	5.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.50	3.0	LOQ	ug/L	
	COBALT	J	0.38	1.0	LOQ	ug/L	
	COPPER	J	1.1	2.0	LOQ	ug/L	
	IRON	J	9.1	200	LOQ	ug/L	
	LEAD	J	0.36	1.0	LOQ	ug/L	
	NICKEL	J	1.4	3.0	LOQ	ug/L	
	POTASSIUM	J	600	1000	LOQ	ug/L	
	SELENIUM	J	1.8	5.0	LOQ	ug/L	
	ZINC	J	3.9	10	LOQ	ug/L	
TMW23102024	ANTIMONY	J	0.43	2.0	LOQ	ug/L	J (all detects)
	ARSENIC	J	2.0	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.32	1.0	LOQ	ug/L	
	CHROMIUM	J	0.89	3.0	LOQ	ug/L	
	POTASSIUM	J	370	1000	LOQ	ug/L	
	SILVER	J	0.056	1.0	LOQ	ug/L	
	VANADIUM	J	2.8	5.0	LOQ	ug/L	
TMW25102024	ALUMINUM	J	160	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	1.1	5.0	LOQ	ug/L	
	COBALT	J	0.42	1.0	LOQ	ug/L	
	COPPER	J	1.2	2.0	LOQ	ug/L	
	IRON	J	170	200	LOQ	ug/L	
	NICKEL	J	0.89	3.0	LOQ	ug/L	
	POTASSIUM	J	300	1000	LOQ	ug/L	
	SILVER	J	0.16	1.0	LOQ	ug/L	
	VANADIUM	J	4.4	5.0	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
TMW27102024	POTASSIUM	J	430	1000	LOQ	ug/L	
	SILVER	J	0.060	1.0	LOQ	ug/L	J (all detects)
	ZINC	J	5.5	10	LOQ	ug/L	
TMW29102024	ANTIMONY	J	0.45	2.0	LOQ	ug/L	
	ARSENIC	J	1.5	5.0	LOQ	ug/L	
	CHROMIUM	J	0.70	3.0	LOQ	ug/L	
	MANGANESE	J D	110	150	LOQ	ug/L	J (all detects)
	POTASSIUM	J	670	1000	LOQ	ug/L	
	SILVER	J	0.15	1.0	LOQ	ug/L	
	VANADIUM	J	4.1	5.0	LOQ	ug/L	
TMW30102024	ALUMINUM	J	86	200	LOQ	ug/L	
	ARSENIC	J	1.0	5.0	LOQ	ug/L	
	CHROMIUM	J	0.61	3.0	LOQ	ug/L	
	COPPER	J	0.72	2.0	LOQ	ug/L	J (all detects)
	IRON	J	77	200	LOQ	ug/L	
	MANGANESE	J	2.0	3.0	LOQ	ug/L	
	POTASSIUM	J	750	1000	LOQ	ug/L	
	ZINC	J	4.3	10	LOQ	ug/L	
TMW33102024	ARSENIC	J	0.76	5.0	LOQ	ug/L	
	CHROMIUM	J	1.3	3.0	LOQ	ug/L	
	COBALT	J	0.63	1.0	LOQ	ug/L	
	COPPER	J	1.9	2.0	LOQ	ug/L	
	LEAD	J	0.61	1.0	LOQ	ug/L	
	NICKEL	J	2.4	3.0	LOQ	ug/L	J (all detects)
	POTASSIUM	J	730	1000	LOQ	ug/L	
	SILVER	J	0.067	1.0	LOQ	ug/L	
	VANADIUM	J	4.4	5.0	LOQ	ug/L	
	ZINC	J	3.3	10	LOQ	ug/L	
TMW41102024	ALUMINUM	J	8.9	200	LOQ	ug/L	
	ANTIMONY	J	0.56	2.0	LOQ	ug/L	
	ARSENIC	J	1.2	5.0	LOQ	ug/L	
	CADMIUM	J	0.31	1.0	LOQ	ug/L	
	CHROMIUM	J	0.70	3.0	LOQ	ug/L	J (all detects)
	IRON	J	110	200	LOQ	ug/L	
	MANGANESE	J	2.0	3.0	LOQ	ug/L	
	POTASSIUM	J	550	1000	LOQ	ug/L	
	SILVER	J	0.30	1.0	LOQ	ug/L	
TMW50102024	ALUMINUM	J	21	200	LOQ	ug/L	
	ARSENIC	J	2.7	5.0	LOQ	ug/L	
	BERYLLIUM	J	0.53	1.0	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.97	3.0	LOQ	ug/L	
	POTASSIUM	J	780	1000	LOQ	ug/L	
	SELENIUM	J	1.0	5.0	LOQ	ug/L	
TMW51102024	ALUMINUM	J	100	200	LOQ	ug/L	
	ARSENIC	J	0.50	5.0	LOQ	ug/L	
	IRON	J	64	200	LOQ	ug/L	
	POTASSIUM	J	990	1000	LOQ	ug/L	J (all detects)
	SELENIUM	J	4.8	5.0	LOQ	ug/L	
	SILVER	J	0.054	1.0	LOQ	ug/L	
	VANADIUM	J	4.6	5.0	LOQ	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
TMW55102024	ALUMINUM	J	24	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	2.8	5.0	LOQ	ug/L	
	CHROMIUM	J	2.3	3.0	LOQ	ug/L	
	LEAD	J	0.26	1.0	LOQ	ug/L	
	NICKEL	J	1.0	3.0	LOQ	ug/L	
	POTASSIUM	J	870	1000	LOQ	ug/L	
	ZINC	J	3.8	10	LOQ	ug/L	
TMW62102024	ALUMINUM	J	77	200	LOQ	ug/L	J (all detects)
	ARSENIC	J	0.52	5.0	LOQ	ug/L	
	IRON	J	88	200	LOQ	ug/L	
	POTASSIUM	J	420	1000	LOQ	ug/L	
	SELENIUM	J	2.1	5.0	LOQ	ug/L	
	VANADIUM	J	1.1	5.0	LOQ	ug/L	
TMW64102024	ALUMINUM	J	18	200	LOQ	ug/L	J (all detects)
	CHROMIUM	J	0.87	3.0	LOQ	ug/L	
	IRON	J	26	200	LOQ	ug/L	
	POTASSIUM	J	800	1000	LOQ	ug/L	

Method: 6850

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
MW25102024	PERCHLORATE	J M	0.16	0.20	LOQ	ug/L	J (all detects)
QC04102024EB	PERCHLORATE	J M	0.079	0.20	LOQ	ug/L	J (all detects)

Method: 8015D-DRO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW33102024	Diesel Range Organics (DRO) C10-C28	J	40	260	LOQ	ug/L	J (all detects)
	Oil Range Organics (ORO) C20-C38	J	63	510	LOQ	ug/L	

Method: 8015D-GRO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW33102024	Gasoline Range Organics (GRO) C6-C10	J	16	25	LOQ	ug/L	J (all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method: 8260D

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
QC04102024EB	BROMODICHLOROMETHANE DIBROMOCHLOROMETHANE	J J	0.85 0.68	1.0 1.0	LOQ LOQ	ug/L ug/L	J (all detects)
TMW01102024	CHLOROBENZENE	J	0.48	1.0	LOQ	ug/L	J (all detects)

Method: 8270E

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW30102024	N-NITROSODIPHENYLAMINE	J	1.9	10	LOQ	ug/L	J (all detects)

Method: 8330B

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
TMW02102024	2-AMINO-4,6-DINITROTOLUENE	J M J1	0.074	0.11	LOQ	ug/L	J (all detects)

Method: 9056A

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
FDUP05-102024	FLUORIDE	J	500	1000	LOQ	ug/L	J (all detects)
FDUP06-102024	FLUORIDE	J	790	1000	LOQ	ug/L	J (all detects)
MW38102024	FLUORIDE	J	830	1000	LOQ	ug/L	J (all detects)
TMW01102024	FLUORIDE	J	500	1000	LOQ	ug/L	J (all detects)
TMW02102024	FLUORIDE	J	370	1000	LOQ	ug/L	J (all detects)
TMW23102024	FLUORIDE	J	840	1000	LOQ	ug/L	J (all detects)
TMW33102024	FLUORIDE	J	680	1000	LOQ	ug/L	J (all detects)
TMW41102024	FLUORIDE	J	790	1000	LOQ	ug/L	J (all detects)
TMW51102024	FLUORIDE	J	480	1000	LOQ	ug/L	J (all detects)
TMW55102024	FLUORIDE	J	790	1000	LOQ	ug/L	J (all detects)
TMW64102024	FLUORIDE	J	310	1000	LOQ	ug/L	J (all detects)

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **GENCHEM**

Sample ID: **FDUP06-102024** ***Collected:*** **10/4/2024 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*
Orthophosphate as P	37	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: **MW38102024** ***Collected:*** **10/4/2024 12:55:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
Orthophosphate as P	24	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: **TMW01102024** ***Collected:*** **10/4/2024 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	35	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: **TMW23102024** ***Collected:*** **10/4/2024 10:30:00 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	43	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: **TMW29102024** ***Collected:*** **10/4/2024 7:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

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

Sample ID: **TMW33102024** ***Collected:*** **10/4/2024 11:30:00 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	19	J	40	LOD	50	LOQ	ug/L	J	TR

Sample ID: **TMW55102024** ***Collected:*** **10/4/2024 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	26	J	40	LOD	50	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: GENCHEM

Sample ID: MW25102024 **Collected:** 10/3/2024 11:40:00 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	0.16	J M	0.10	LOD	0.20	LOQ	ug/L	U	BLL/BLM

Sample ID: QC04102024EB **Collected:** 10/4/2024 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
PERCHLORATE	0.079	J M	0.10	LOD	0.20	LOQ	ug/L	J	TR

Sample ID: TMW04102024 **Collected:** 10/4/2024 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
PERCHLORATE	0.31	M	0.10	LOD	0.20	LOQ	ug/L	J+	BLL/BLM

Method Category: GENCHEM

Sample ID: FDUP05-102024 **Collected:** 10/4/2024 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
FLUORIDE	500	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: FDUP06-102024 **Collected:** 10/4/2024 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
FLUORIDE	790	J	500	LOD	1000	LOQ	ug/L	J	TR
Nitrate as N	16000	H D	1000	LOD	2500	LOQ	ug/L	J-	SC1

Sample ID: MW38102024 **Collected:** 10/4/2024 12:55:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
FLUORIDE	830	J	500	LOD	1000	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **GENCHEM**

Sample ID: **QC04102024EB** ***Collected:*** **10/4/2024 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*
BROMIDE	500	U Q	500	LOD	500	LOQ	ug/L	UJ	CV2

Sample ID: **TMW01102024** ***Collected:*** **10/4/2024 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*
BROMIDE	1400	J1	500	LOD	500	LOQ	ug/L	J	MD1, DU2
FLUORIDE	500	J	500	LOD	1000	LOQ	ug/L	J	TR
Nitrate as N	11000	H D	400	LOD	1000	LOQ	ug/L	J-	SC1
SULFATE	890000	J1 D	25000	LOD	50000	LOQ	ug/L	J-	MD2

Sample ID: **TMW02102024** ***Collected:*** **10/4/2024 10:30:00 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	370	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW23102024** ***Collected:*** **10/4/2024 10:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BROMIDE	580	Q	500	LOD	500	LOQ	ug/L	J+	CV2
FLUORIDE	840	J	500	LOD	1000	LOQ	ug/L	J	TR
Nitrate as N	16000	H D	1000	LOD	2500	LOQ	ug/L	J-	SC1

Sample ID: **TMW29102024** ***Collected:*** **10/4/2024 7:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
BROMIDE	500	U Q	500	LOD	500	LOQ	ug/L	UJ	CV2

Sample ID: **TMW33102024** ***Collected:*** **10/4/2024 11:30:00 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	680	J	500	LOD	1000	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: GENCHEM

Sample ID: TMW41102024 **Collected:** 10/4/2024 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
FLUORIDE	790	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW51102024 **Collected:** 10/4/2024 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
FLUORIDE	480	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW55102024 **Collected:** 10/4/2024 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	790	J	500	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW64102024 **Collected:** 10/4/2024 2:20:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
FLUORIDE	310	J	500	LOD	1000	LOQ	ug/L	J	TR

Method Category: METALS

Sample ID: FDUP04-102024 **Collected:** 10/3/2024 3:50:00 PM **Analysis Type:** Initial/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	510	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.12	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
ZINC	4.3	J	8.0	LOD	10	LOQ	ug/L	U	BLT/BLU

Sample ID: FDUP04-102024 **Collected:** 10/3/2024 3:50:00 PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	480	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **FDUP05-102024** ***Collected:*** **10/4/2024 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*
ARSENIC	0.52	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	17	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	900	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	4.6	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	4.4	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **FDUP05-102024** ***Collected:*** **10/4/2024 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	150	J	30	LOD	200	LOQ	ug/L	J	TR, DU1
CHROMIUM	0.53	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	150	J	40	LOD	200	LOQ	ug/L	J	TR, DU1
POTASSIUM	940	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	4.9	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.21	J	0.15	LOD	1.0	LOQ	ug/L	UJ	ICB/CCB, DU1
VANADIUM	4.3	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **FDUP06-102024** ***Collected:*** **10/4/2024 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	0.83	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.73	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	38	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	350	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, ICB/CCB
VANADIUM	2.6	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

Sample ID: **FDUP06-102024** ***Collected:*** **10/4/2024 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*
ANTIMONY	0.61	J	1.0	LOD	2.0	LOQ	ug/L	J	TR, DU1

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **FDUP06-102024** ***Collected:*** **10/4/2024 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	1.6	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.40	J	0.60	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **MW03102024** ***Collected:*** **10/3/2024 11:45:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NICKEL	0.85	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	430	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	1.5	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **MW03102024** ***Collected:*** **10/3/2024 11:45:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	0.81	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
NICKEL	0.96	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	360	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: **MW22D102024** ***Collected:*** **10/3/2024 1:10:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.71	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	16	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	390	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, ICB/CCB
VANADIUM	2.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	6.6	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW22D102024** ***Collected:*** **10/3/2024 1:10:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	0.78	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	32	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
POTASSIUM	370	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
VANADIUM	1.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.9	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW25102024** ***Collected:*** **10/3/2024 11:40:00 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	0.55	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.55	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	1.1	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	9.5	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	890	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	2.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.6	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW25102024** ***Collected:*** **10/3/2024 11:40:00 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	0.70	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	150	J	40	LOD	200	LOQ	ug/L	J	TR
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	2.1	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **MW35102024** ***Collected:*** **10/3/2024 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	0.68	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	12	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **MW35102024** ***Collected:*** **10/3/2024 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
VANADIUM	4.8	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: **MW35102024** ***Collected:*** **10/3/2024 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
CHROMIUM	0.80	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	0.87	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
VANADIUM	4.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **MW38102024** ***Collected:*** **10/4/2024 12:55:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.5	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	11	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
NICKEL	1.1	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	260	J	76	LOD	1000	LOQ	ug/L	U	BLT/BLU, BLL/BLM, ICB/CCB
VANADIUM	2.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **MW38102024** ***Collected:*** **10/4/2024 12:55:00 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	1.7	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.37	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
CADMIUM	0.26	J	0.75	LOD	1.0	LOQ	ug/L	J	TR
SILVER	0.048	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **QC04102024EB** ***Collected:*** **10/4/2024 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
CALCIUM	54	J	100	LOD	200	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: QC04102024EB ***Collected:*** 10/4/2024 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*
POTASSIUM	83	J	76	LOD	1000	LOQ	ug/L	J	TR
SODIUM	500	J	150	LOD	1000	LOQ	ug/L	J	TR

Sample ID: QC04102024EB ***Collected:*** 10/4/2024 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	70	J	100	LOD	200	LOQ	ug/L	J	TR
IRON	9.2	J	40	LOD	200	LOQ	ug/L	J	TR
MAGNESIUM	9.0	J	15	LOD	200	LOQ	ug/L	J	TR
MANGANESE	1.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	54	J	76	LOD	1000	LOQ	ug/L	J	TR
SODIUM	210	J	150	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW01102024 ***Collected:*** 10/4/2024 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	0.80	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CADMIUM	0.23	J	0.75	LOD	1.0	LOQ	ug/L	J	TR
CHROMIUM	0.68	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	9.5	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
MANGANESE	19	J1	1.8	LOD	3.0	LOQ	ug/L	J-	MD2
POTASSIUM	340	J J1	76	LOD	1000	LOQ	ug/L	UJ	BLL/BLM, ICB/CCB, MD2
SELENIUM	1.6	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.23	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: TMW01102024 ***Collected:*** 10/4/2024 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	48	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.65	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

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW01102024** ***Collected:*** **10/4/2024 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*
IRON	37	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
MANGANESE	17		1.8	LOD	3.0	LOQ	ug/L	J-	MD2
POTASSIUM	240	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, MD2, ICB/CCB
SELENIUM	2.3	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.083	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW02102024** ***Collected:*** **10/4/2024 10:30:00 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	1.2	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW02102024** ***Collected:*** **10/4/2024 10:30:00 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	8.3	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.97	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	30	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
MANGANESE	1.8	U Q	1.8	LOD	3.0	LOQ	ug/L	X	CV2
ZINC	4.1	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW04102024** ***Collected:*** **10/4/2024 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	12	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
ARSENIC	0.66	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	8.8	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
MANGANESE	1.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	560	J	76	LOD	1000	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW04102024** ***Collected:*** **10/4/2024 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	46	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	1.1	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
IRON	100	J	40	LOD	200	LOQ	ug/L	J	TR
MANGANESE	0.79	J	1.8	LOD	3.0	LOQ	ug/L	U	BLT/BLU, BLL/ BLM, ICB/CCB
POTASSIUM	670	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.092	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW07102024** ***Collected:*** **10/3/2024 7:25:00 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	0.91	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	20	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
NICKEL	1.1	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SILVER	0.048	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
ZINC	5.4	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW07102024** ***Collected:*** **10/3/2024 7:25:00 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	130	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.53	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.36	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	0.80	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	94	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
VANADIUM	3.9	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	5.7	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW08102024** ***Collected:*** **10/3/2024 8:35:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.94	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COBALT	0.56	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
IRON	39	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
NICKEL	1.8	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SILVER	0.048	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	1.7	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	6.0	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW08102024** ***Collected:*** **10/3/2024 8:35:00 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	35	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.79	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COBALT	0.58	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	1.7	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
NICKEL	1.7	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
SILVER	0.045	J	0.15	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: **TMW10102024** ***Collected:*** **10/3/2024 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
ARSENIC	1.0	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
POTASSIUM	350	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, ICB/CCB
VANADIUM	4.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	2.5	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW10102024** ***Collected:*** **10/3/2024 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	12	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.64	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	1.3	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	9.2	J	40	LOD	200	LOQ	ug/L	U	BLL/BLM
POTASSIUM	270	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM
SILVER	0.082	J	0.15	LOD	1.0	LOQ	ug/L	J	TR
VANADIUM	3.3	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW22102024** ***Collected:*** **10/3/2024 8:05:00 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	1.2	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.50	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	1.1	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	9.1	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	600	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	1.8	J	4.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW22102024** ***Collected:*** **10/3/2024 8:05:00 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	0.89	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	0.38	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	1.3	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
LEAD	0.36	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	1.4	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	770	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	2.1	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.9	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW23102024** ***Collected:*** **10/4/2024 10:30:00 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	0.91	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
POTASSIUM	370	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, ICB/CCB
SILVER	0.18	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	2.8	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW23102024** ***Collected:*** **10/4/2024 10:30:00 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	0.43	J	1.0	LOD	2.0	LOQ	ug/L	J	TR, DU1
ARSENIC	2.0	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.32	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
SILVER	0.056	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW25102024** ***Collected:*** **10/3/2024 2:20:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
ARSENIC	1.1	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	24	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
NICKEL	0.89	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	300	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM, ICB/CCB
VANADIUM	4.4	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW25102024** ***Collected:*** **10/3/2024 2:20:00 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	160	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.61	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COBALT	0.42	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
COPPER	1.3	J	1.8	LOD	2.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW25102024** ***Collected:*** **10/3/2024 2:20:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
IRON	170	J	40	LOD	200	LOQ	ug/L	J	TR
NICKEL	1.2	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	220	J	76	LOD	1000	LOQ	ug/L	U	BLL/BLM
SILVER	0.16	J	0.15	LOD	1.0	LOQ	ug/L	J	TR
VANADIUM	3.8	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW27102024** ***Collected:*** **10/3/2024 3:40:00 PM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	430	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	5.5	J	8.0	LOD	10	LOQ	ug/L	U	BLT/BLU

Sample ID: **TMW27102024** ***Collected:*** **10/3/2024 3:40:00 PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
POTASSIUM	480	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
SILVER	0.060	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW29102024** ***Collected:*** **10/4/2024 7:35:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.0	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.70	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	670	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	4.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW29102024** ***Collected:*** **10/4/2024 7:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	0.45	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	1.5	J	2.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW29102024** ***Collected:*** **10/4/2024 7:35:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **50**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MANGANESE	110	J D	90	LOD	150	LOQ	ug/L	J	TR
SILVER	0.15	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW30102024** ***Collected:*** **10/3/2024 8:35:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	1.0	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
COPPER	0.72	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
POTASSIUM	750	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	4.3	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW30102024** ***Collected:*** **10/3/2024 8:35:00 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	86	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	0.70	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.61	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COPPER	0.90	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
IRON	77	J	40	LOD	200	LOQ	ug/L	J	TR
MANGANESE	2.0	J	1.8	LOD	3.0	LOQ	ug/L	U	BLT/BLU, BLL/BLM
POTASSIUM	710	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	3.2	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW33102024** ***Collected:*** **10/4/2024 11:30:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
COPPER	1.9	J	1.8	LOD	2.0	LOQ	ug/L	J	TR
NICKEL	1.1	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	530	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	3.7	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW33102024** ***Collected:*** **10/4/2024 11:30:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	0.76	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	1.3	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
COBALT	0.63	J	0.90	LOD	1.0	LOQ	ug/L	J	TR
LEAD	0.61	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	2.4	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	730	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.067	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB
VANADIUM	4.4	J	3.0	LOD	5.0	LOQ	ug/L	J	TR
ZINC	3.3	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW41102024** ***Collected:*** **10/4/2024 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	8.9	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
ANTIMONY	0.56	J	1.0	LOD	2.0	LOQ	ug/L	J	TR
ARSENIC	1.2	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CADMIUM	0.31	J	0.75	LOD	1.0	LOQ	ug/L	J	TR
CHROMIUM	0.70	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	550	J	76	LOD	1000	LOQ	ug/L	J	TR
SILVER	0.30	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

Sample ID: **TMW41102024** ***Collected:*** **10/4/2024 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
CHROMIUM	0.85	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	110	J	40	LOD	200	LOQ	ug/L	J	TR
MANGANESE	3.9		1.8	LOD	3.0	LOQ	ug/L	J+	BLT/BLU, BLL/BLM, ICB/CCB
POTASSIUM	550	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
SILVER	0.10	J	0.15	LOD	1.0	LOQ	ug/L	U	ICB/CCB

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW50102024** ***Collected:*** **10/3/2024 9:00:00 AM** ***Analysis Type:*** **Initial/DIS** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ALUMINUM	21	J	30	LOD	200	LOQ	ug/L	J	TR
ARSENIC	2.7	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
CHROMIUM	0.97	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	780	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW50102024** ***Collected:*** **10/3/2024 9:00:00 AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ARSENIC	3.5	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
BERYLLIUM	0.53	J	0.60	LOD	1.0	LOQ	ug/L	J	TR
SELENIUM	1.0	J	4.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW51102024** ***Collected:*** **10/4/2024 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
POTASSIUM	990	J	76	LOD	1000	LOQ	ug/L	J	TR
VANADIUM	4.6	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW51102024** ***Collected:*** **10/4/2024 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
ALUMINUM	100	J	30	LOD	200	LOQ	ug/L	J	TR, DU1
ARSENIC	0.50	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
IRON	64	J	40	LOD	200	LOQ	ug/L	J	TR, DU1
SELENIUM	4.8	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
SILVER	0.054	J	0.15	LOD	1.0	LOQ	ug/L	UJ	ICB/CCB, DU1
VANADIUM	4.2	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: **METALS**

Sample ID: **TMW55102024** ***Collected:*** **10/4/2024 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*
ALUMINUM	24	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
ARSENIC	1.8	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
POTASSIUM	780	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: **TMW55102024** ***Collected:*** **10/4/2024 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*
ARSENIC	2.8	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
LEAD	0.26	J	0.70	LOD	1.0	LOQ	ug/L	J	TR
NICKEL	1.0	J	1.9	LOD	3.0	LOQ	ug/L	J	TR
POTASSIUM	870	J	76	LOD	1000	LOQ	ug/L	J	TR
ZINC	3.8	J	8.0	LOD	10	LOQ	ug/L	J	TR

Sample ID: **TMW62102024** ***Collected:*** **10/4/2024 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	0.52	J	2.0	LOD	5.0	LOQ	ug/L	J	TR
POTASSIUM	440	J	76	LOD	1000	LOQ	ug/L	J	TR
SELENIUM	2.0	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	1.7	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

Sample ID: **TMW62102024** ***Collected:*** **10/4/2024 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	77	J	30	LOD	200	LOQ	ug/L	J	TR
IRON	88	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	420	J	76	LOD	1000	LOQ	ug/L	U	ICB/CCB
SELENIUM	2.1	J	4.0	LOD	5.0	LOQ	ug/L	J	TR
VANADIUM	1.1	J	3.0	LOD	5.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: METALS

Sample ID: TMW64102024 **Collected:** 10/4/2024 2:20:00 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	18	J	30	LOD	200	LOQ	ug/L	U	BLT/BLU, ICB/CCB
IRON	26	J	40	LOD	200	LOQ	ug/L	U	BLT/BLU
POTASSIUM	800	J	76	LOD	1000	LOQ	ug/L	J	TR

Sample ID: TMW64102024 **Collected:** 10/4/2024 2:20:00 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	84	J	30	LOD	200	LOQ	ug/L	J	TR
CHROMIUM	0.87	J	1.8	LOD	3.0	LOQ	ug/L	J	TR
IRON	73	J	40	LOD	200	LOQ	ug/L	J	TR
POTASSIUM	770	J	76	LOD	1000	LOQ	ug/L	J	TR

Method Category: METALS

Sample ID: MW38102024 **Collected:** 10/4/2024 12:55:00 PM **Analysis Type:** Initial/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.080	U Q	0.080	LOD	0.20	LOQ	ug/L	X	CV2

Method Category: SVOA

Sample ID: TMW33102024 **Collected:** 10/4/2024 11:30:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Diesel Range Organics (DRO) C10-C28	40	J	120	LOD	260	LOQ	ug/L	J	TR
Oil Range Organics (ORO) C20-C38	63	J	130	LOD	510	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: SVOA

Sample ID: TMW50102024 **Collected:** 10/3/2024 9:00:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Diesel Range Organics (DRO) C10-C28	600	U	600	LOD	1300	LOQ	ug/L	UJ	SU2
Oil Range Organics (ORO) C20-C38	630	U	630	LOD	2500	LOQ	ug/L	UJ	SU2

Sample ID: TMW55102024 **Collected:** 10/4/2024 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
Diesel Range Organics (DRO) C10-C28	130	U	130	LOD	270	LOQ	ug/L	UJ	SU2
Oil Range Organics (ORO) C20-C38	130	U	130	LOD	540	LOQ	ug/L	UJ	SU2

Method Category: SVOA

Sample ID: QC04102024EB **Collected:** 10/4/2024 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	0.038	U Q	0.038	LOD	0.047	LOQ	ug/L	UJ	LC2

Method Category: SVOA

Sample ID: TMW30102024 **Collected:** 10/3/2024 8:35:00 AM **Analysis Type:** Initial/TOT-BASE/NEUTRAL **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
N-NITROSODIPHENYLAMINE	1.9	J	8.0	LOD	10	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: SVOA

Sample ID: MW38102024 **Collected:** 10/4/2024 12:55:00 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 M 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	0.084	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	0.11	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	1.1	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: TMW01102024 **Collected:** 10/4/2024 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
m-Nitrotoluene	0.35	U J1	0.35	LOD	0.40	LOQ	ug/L	UJ	MD2

Sample ID: TMW02102024 **Collected:** 10/4/2024 10:30:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2-AMINO-4,6-DINITROTOLUENE	0.074	J M J1	0.10	LOD	0.11	LOQ	ug/L	J	TR, PJ

Sample ID: TMW04102024 **Collected:** 10/4/2024 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-DINITROBENZENE	7.3	M J1	0.098	LOD	0.11	LOQ	ug/L	J	PJ

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_52_2a_ParsonsFtWingate_rev_rev_rev_rev_rev **eQAPP Name: Fort_Wingate_rev2_hexchrom_AQ HT_24hr**

Method Category: SVOA

Sample ID: TMW04102024 **Collected:** 10/4/2024 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
2-AMINO-4,6-DINITROTOLUENE	1.4	M J1	0.098	LOD	0.11	LOQ	ug/L	J	PJ
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	18	M J1	0.20	LOD	0.21	LOQ	ug/L	J	PJ
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	0.64	M J1	0.20	LOD	0.21	LOQ	ug/L	J	PJ

Method Category: VOA

Sample ID: TMW33102024 **Collected:** 10/4/2024 11:30:00 AM **Analysis Type:** Initial/TOT **Dilution:** 1

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

Method Category: VOA

Sample ID: QC04102024EB **Collected:** 10/4/2024 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	0.85	J	0.50	LOD	1.0	LOQ	ug/L	J	TR
DIBROMOCHLOROMETHANE	0.68	J	0.50	LOD	1.0	LOQ	ug/L	J	TR

Sample ID: TMW01102024 **Collected:** 10/4/2024 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
CHLOROBENZENE	0.48	J	0.80	LOD	1.0	LOQ	ug/L	J	TR

* denotes a non-reportable result

Data Qualifier Summary

Lab Reporting Batch ID: 280-197620-1 **Laboratory: TAL DEN**

EDD Filename: 280-197620-1_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
DU1	Field Duplicate Precision
DU2	Laboratory Duplicate Precision
ICB/CCB	Calibration Blank Contamination
LC2	Laboratory Control Spike Lower Estimation
LC7	Laboratory Control Precision
MD1	Matrix Spike Upper Estimation
MD2	Matrix Spike Lower Estimation
MD5	Matrix Spike Precision
PJ	Professional Judgment
SC1	Sampling to Analysis Estimation
SU1	Surrogate/Tracer Recovery Upper Estimation
SU2	Surrogate/Tracer Recovery Lower Estimation
TR	Reporting Limit Trace Value

* denotes a non-reportable result