Analytical Results

Lab Contact Info:

ADEQ Laboratory and Monitoring Services
5301 Northshore Drive, North Little Rock, AR 72118
www.adeq.state.ar.us

Alysha(Paige) Heigle
Alysha.Heigle@arkansas.gov

Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2025 1850-1856

Date and Time Received: 9/30/2025 15:28:00

Work Order Number: WO-250930-02

Case Narrative:

Result Concentrations low or near reporting limit with B+ qualifiers may be falsely positive and should be utilized with cation. Results significantly higher than the amount found in the blank may be utilized as usual.

"E" or "Estimated Value" qualifier due to result being slightly over range. Dilution made but missed by autosampler during analysis. Holding time exceeded upon discovery of missed sample tube. Result should be utilized with cation.

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	0.8°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description
B+	Analyte is present at 50% of the MRL
E	Estimated Value
R	RPD value does not meet lab acceptance criteria

Analytical Results

Laboratory Name:	ADEQ Laboratory and Monitoring Services	Email:	ags@arkansas.gov
Contact Name:	Geological, Arkansas	Phone:	501-296-1877
Lab Address:	5301 Northshore Drive North Little Rock, AR 72118	Fax:	

Collector: Geological, Arkansas Site: STAMPS-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 9/29/2025 14:30
Sample Barcode: Sample Number: 2025-1850

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1850-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	201*	mg/L		6.00	1	10/1/2025 15:52

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1850-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030*	mg/L		0.03	1	10/1/2025 10:39

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1850-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	10/1/2025 19:05
Chloride	21.5*	mg/L		0.50	1	10/1/2025 19:05
Bromide	0.21*	mg/L		0.10	1	10/1/2025 19:05
Sulfate	7.13*	mg/L		0.50	1	10/1/2025 19:05

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1850-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.55*	mg/L		0.25	5	10/1/2025 12:51

Analytical Results

Collector: Geological, Arkansas Site: STAMPS-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 14:30

Sample Barcode: Sample Number: 2025-1850

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1850-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020*	mg/L		0.02	1	10/1/2025 10:39

pH **Method: SM 4500-H+ B, 2021** **Analyst: AGS**

Aliquot #: 2025-1850-1-06 **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.50*	None			1	9/29/2025 14:30

Specific Conductance **Method: EPA 120.1, 1982** **Analyst: PH**

Aliquot #: 2025-1850-1-07 **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	479	uS/cm		1.00	1	10/1/2025 12:57

Total Dissolved Solids **Method: SM 2540 C, 2020** **Analyst: SD**

Aliquot #: 2025-1850-1-08 **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	296	mg/L		10.00	1	10/1/2025 15:00

Water Temperature **Method: SM 2550 B, 2000** **Analyst: AGS**

Aliquot #: 2025-1850-1-09 **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.8*	°C			1	9/29/2025 14:30

Analytical Results

Collector: Geological, Arkansas Site: STAMPS-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/29/2025 14:30
Sample Number: 2025-1850

Total Suspended Solids **Method: SM 2540 D, 2020** **Analyst: SD**

Aliquot #: 2025-1850-1-10 **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	9.00	mg/L		2.00	1	9/30/2025 16:05

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1850-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	11.5	NTU		0.05	1	10/1/2025 12:57

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1850-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	2.10*	mg/L		0.10	1	10/2/2025 16:05

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1850-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02*	mg/L	B+	0.02	1	10/2/2025 16:05

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1850-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	10/1/2025 14:57

Analytical Results

Collector: Geological, Arkansas Site: STAMPS-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 14:30

Sample Barcode: Sample Number: 2025-1850

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1850-3-01 **Batch Number: AB-251002-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/6/2025 13:53
Arsenic	<1.00	ug/L		1.00	1	10/6/2025 13:53
Barium	34.6	ug/L		1.00	1	10/6/2025 13:53
Beryllium	<1.00	ug/L		1.00	1	10/6/2025 13:53
Cadmium	<0.300	ug/L		0.30	1	10/6/2025 13:53
Chromium	<1.00	ug/L		1.00	1	10/6/2025 13:53
Cobalt	<0.100	ug/L		0.10	1	10/6/2025 13:53
Copper	5.58	ug/L		0.50	1	10/6/2025 13:53
Lead	0.544	ug/L		0.50	1	10/6/2025 13:53
Nickel	6.75	ug/L		0.50	1	10/6/2025 13:53
Selenium	<5.00	ug/L		5.00	1	10/6/2025 13:53
Silver	<0.100	ug/L		0.10	1	10/6/2025 13:53
Thallium	<0.500	ug/L		0.50	1	10/6/2025 13:53
Vanadium	<0.200	ug/L		0.20	1	10/6/2025 13:53
Zinc	137	ug/L		25.00	5	10/6/2025 14:09

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1850-3-02 **Batch Number: AB-251002-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/6/2025 10:52
Calcium	76.9	mg/L		5.00	5	10/6/2025 11:25
Iron	<0.100	mg/L		0.10	1	10/6/2025 10:52
Magnesium	2.74	mg/L		1.00	1	10/6/2025 10:52
Manganese	<0.0200	mg/L		0.02	1	10/6/2025 10:52
Potassium	<1.00	mg/L		1.00	1	10/6/2025 10:52
Sodium	13.9	mg/L		1.00	1	10/6/2025 10:52
Hardness	203	mg/L		1.00	1	10/6/2025 11:25
Phosphorus	<1.00	mg/L		1.00	1	10/6/2025 10:52

Analytical Results

Collector: Geological, Arkansas Site: STAMPS-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 14:30

Sample Barcode: Sample Number: 2025-1850

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1850-4-01 **Batch Number: AB-251002-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/7/2025 12:59
Arsenic	<1.00	ug/L		1.00	1	10/7/2025 12:59
Barium	36.6	ug/L		1.00	1	10/7/2025 12:59
Beryllium	<1.00	ug/L		1.00	1	10/7/2025 12:59
Cadmium	<0.300	ug/L		0.30	1	10/7/2025 12:59
Chromium	<1.00	ug/L		1.00	1	10/7/2025 12:59
Cobalt	0.276	ug/L		0.10	1	10/7/2025 12:59
Copper	16.5	ug/L		0.50	1	10/7/2025 12:59
Lead	6.55	ug/L		2.50	5	10/7/2025 13:40
Nickel	7.92	ug/L		0.50	1	10/7/2025 12:59
Selenium	<5.00	ug/L		5.00	1	10/7/2025 12:59
Silver	<0.100	ug/L		0.10	1	10/7/2025 12:59
Thallium	<0.500	ug/L		0.50	1	10/7/2025 12:59
Vanadium	0.218	ug/L		0.20	1	10/7/2025 12:59
Zinc	180	ug/L		25.00	5	10/7/2025 13:40

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1850-4-02 **Batch Number: AB-251002-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/7/2025 9:54
Calcium	86.7	mg/L		5.00	5	10/7/2025 10:31
Iron	0.322	mg/L		0.10	1	10/7/2025 9:54
Magnesium	3.09	mg/L		1.00	1	10/7/2025 9:54
Manganese	<0.0200	mg/L		0.02	1	10/7/2025 9:54
Potassium	<1.00	mg/L		1.00	1	10/7/2025 9:54
Sodium	15.5	mg/L		1.00	1	10/7/2025 9:54
Phosphorus	<1.00	mg/L		1.00	1	10/7/2025 9:54

Analytical Results

Collector: Geological, Arkansas Site: LR-W01-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 15:30

Sample Barcode: Sample Number: 2025-1851

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1851-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	117*	mg/L		6.00	1	10/1/2025 15:53

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1851-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030*	mg/L		0.03	1	10/1/2025 10:40

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1851-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	10/1/2025 19:14
Chloride	2.45*	mg/L		0.50	1	10/1/2025 19:14
Bromide	0.13*	mg/L		0.10	1	10/1/2025 19:14
Sulfate	9.28*	mg/L		0.50	1	10/1/2025 19:14

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1851-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.36*	mg/L	E	0.05	1	10/1/2025 12:52

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1851-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.041*	mg/L		0.02	1	10/1/2025 10:40

Analytical Results

Collector: Geological, Arkansas Site: LR-W01-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 9/29/2025 15:30
Sample Barcode: Sample Number: 2025-1851

pH **Method: SM 4500-H+ B, 2021** **Analyst: AGS**

Aliquot #: 2025-1851-1-06 **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.87*	None			1	9/29/2025 15:30

Specific Conductance **Method: EPA 120.1, 1982** **Analyst: PH**

Aliquot #: 2025-1851-1-07 **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	297	uS/cm		1.00	1	10/1/2025 12:58

Total Dissolved Solids **Method: SM 2540 C, 2020** **Analyst: SD**

Aliquot #: 2025-1851-1-08 **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	192	mg/L		10.00	1	10/1/2025 15:00

Water Temperature **Method: SM 2550 B, 2000** **Analyst: AGS**

Aliquot #: 2025-1851-1-09 **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	21.0*	°C			1	9/29/2025 15:30

Total Suspended Solids **Method: SM 2540 D, 2020** **Analyst: SD**

Aliquot #: 2025-1851-1-10 **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	7.00	mg/L		2.00	1	9/30/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: LR-W01-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 15:30

Sample Barcode: Sample Number: 2025-1851

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1851-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	6.73	NTU		0.05	1	10/1/2025 12:58

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1851-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.39*	mg/L		0.10	1	10/2/2025 16:06

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1851-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.05*	mg/L	B+	0.02	1	10/2/2025 16:06

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1851-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	10/1/2025 15:12

Analytical Results

Collector: Geological, Arkansas Site: LR-W01-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/29/2025 15:30
Sample Number: 2025-1851

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1851-3-01 **Batch Number: AB-251002-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/6/2025 13:57
Arsenic	<1.00	ug/L		1.00	1	10/6/2025 13:57
Barium	101	ug/L		5.00	5	10/6/2025 14:13
Beryllium	<1.00	ug/L		1.00	1	10/6/2025 13:57
Cadmium	<0.300	ug/L		0.30	1	10/6/2025 13:57
Chromium	<1.00	ug/L		1.00	1	10/6/2025 13:57
Cobalt	<0.100	ug/L		0.10	1	10/6/2025 13:57
Copper	<0.500	ug/L		0.50	1	10/6/2025 13:57
Lead	<0.500	ug/L		0.50	1	10/6/2025 13:57
Nickel	0.502	ug/L		0.50	1	10/6/2025 13:57
Selenium	<5.00	ug/L		5.00	1	10/6/2025 13:57
Silver	<0.100	ug/L		0.10	1	10/6/2025 13:57
Thallium	<0.500	ug/L		0.50	1	10/6/2025 13:57
Vanadium	0.357	ug/L		0.20	1	10/6/2025 13:57
Zinc	12.2	ug/L		5.00	1	10/6/2025 13:57

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1851-3-02 **Batch Number: AB-251002-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/6/2025 10:53
Calcium	40.8	mg/L		1.00	1	10/6/2025 10:53
Iron	<0.100	mg/L		0.10	1	10/6/2025 10:53
Magnesium	3.73	mg/L		1.00	1	10/6/2025 10:53
Manganese	<0.0200	mg/L		0.02	1	10/6/2025 10:53
Potassium	9.18	mg/L		1.00	1	10/6/2025 10:53
Sodium	3.38	mg/L		1.00	1	10/6/2025 10:53
Hardness	117	mg/L		1.00	1	10/6/2025 10:53
Phosphorus	<1.00	mg/L		1.00	1	10/6/2025 10:53

Analytical Results

Collector: Geological, Arkansas Site: LR-W01-02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 15:30

Sample Barcode: Sample Number: 2025-1851

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1851-4-01 **Batch Number: AB-251009-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/15/2025 9:53
Arsenic	<1.00	ug/L		1.00	1	10/15/2025 9:53
Barium	105	ug/L		5.00	5	10/15/2025 12:58
Beryllium	<1.00	ug/L		1.00	1	10/15/2025 9:53
Cadmium	<0.300	ug/L		0.30	1	10/15/2025 9:53
Chromium	<1.00	ug/L		1.00	1	10/15/2025 9:53
Cobalt	<0.100	ug/L		0.10	1	10/15/2025 9:53
Copper	0.681	ug/L		0.50	1	10/15/2025 9:53
Lead	<0.500	ug/L		0.50	1	10/15/2025 9:53
Nickel	0.579	ug/L		0.50	1	10/15/2025 9:53
Selenium	<5.00	ug/L		5.00	1	10/15/2025 9:53
Silver	<0.100	ug/L		0.10	1	10/15/2025 9:53
Thallium	<0.500	ug/L		0.50	1	10/15/2025 9:53
Vanadium	0.377	ug/L		0.20	1	10/15/2025 9:53
Zinc	12.8	ug/L		5.00	1	10/15/2025 9:53

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1851-4-02 **Batch Number: AB-251009-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/15/2025 9:08
Calcium	44.9	mg/L		1.00	1	10/15/2025 9:08
Iron	<0.100	mg/L		0.10	1	10/15/2025 9:08
Magnesium	4.18	mg/L		1.00	1	10/15/2025 9:08
Manganese	<0.0200	mg/L		0.02	1	10/15/2025 9:08
Potassium	10.0	mg/L		1.00	1	10/15/2025 9:08
Sodium	3.78	mg/L		1.00	1	10/15/2025 9:08
Phosphorus	<1.00	mg/L		1.00	1	10/15/2025 9:08

Analytical Results

Collector: Geological, Arkansas Site: CAVE-12253-W02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:00

Sample Barcode: Sample Number: 2025-1852

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1852-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	156*	mg/L		6.00	1	10/1/2025 15:54

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1852-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.097*	mg/L		0.03	1	10/1/2025 10:41

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1852-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	10/1/2025 19:23
Chloride	8.42*	mg/L		0.50	1	10/1/2025 19:23
Bromide	0.15*	mg/L		0.10	1	10/1/2025 19:23
Sulfate	4.75*	mg/L		0.50	1	10/1/2025 19:23

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1852-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.94*	mg/L		0.05	1	10/1/2025 12:45

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1852-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020*	mg/L		0.02	1	10/1/2025 10:41

Analytical Results

Collector: Geological, Arkansas Site: CAVE-12253-W02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:00

Sample Barcode: Sample Number: 2025-1852

pH **Method: SM 4500-H+ B, 2021** **Analyst: AGS**

Aliquot #: 2025-1852-1-06 **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.57*	None			1	9/29/2025 17:00

Specific Conductance **Method: EPA 120.1, 1982** **Analyst: PH**

Aliquot #: 2025-1852-1-07 **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	328	uS/cm		1.00	1	10/1/2025 12:59

Total Dissolved Solids **Method: SM 2540 C, 2020** **Analyst: SD**

Aliquot #: 2025-1852-1-08 **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	196	mg/L		10.00	1	10/1/2025 15:00

Water Temperature **Method: SM 2550 B, 2000** **Analyst: AGS**

Aliquot #: 2025-1852-1-09 **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	20.6*	°C			1	9/29/2025 17:00

Total Suspended Solids **Method: SM 2540 D, 2020** **Analyst: SD**

Aliquot #: 2025-1852-1-10 **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	4.75	mg/L		2.00	1	9/30/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: CAVE-12253-W02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:00

Sample Barcode: Sample Number: 2025-1852

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1852-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	5.59	NTU		0.05	1	10/1/2025 12:59

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1852-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.43*	mg/L		0.10	1	10/2/2025 16:11

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1852-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02*	mg/L	B+	0.02	1	10/2/2025 16:11

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1852-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.01	mg/L		1.00	1	10/1/2025 15:27

Analytical Results

Collector: Geological, Arkansas Site: CAVE-12253-W02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:00

Sample Barcode: Sample Number: 2025-1852

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1852-3-01 **Batch Number: AB-251002-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/6/2025 14:01
Arsenic	<1.00	ug/L		1.00	1	10/6/2025 14:01
Barium	15.5	ug/L		1.00	1	10/6/2025 14:01
Beryllium	<1.00	ug/L		1.00	1	10/6/2025 14:01
Cadmium	<0.300	ug/L		0.30	1	10/6/2025 14:01
Chromium	<1.00	ug/L		1.00	1	10/6/2025 14:01
Cobalt	0.515	ug/L		0.10	1	10/6/2025 14:01
Copper	<0.500	ug/L		0.50	1	10/6/2025 14:01
Lead	<0.500	ug/L		0.50	1	10/6/2025 14:01
Nickel	17.2	ug/L		0.50	1	10/6/2025 14:01
Selenium	<5.00	ug/L		5.00	1	10/6/2025 14:01
Silver	<0.100	ug/L		0.10	1	10/6/2025 14:01
Thallium	<0.500	ug/L		0.50	1	10/6/2025 14:01
Vanadium	<0.200	ug/L		0.20	1	10/6/2025 14:01
Zinc	<5.00	ug/L		5.00	1	10/6/2025 14:01

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1852-3-02 **Batch Number: AB-251002-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/6/2025 10:55
Calcium	56.1	mg/L		5.00	5	10/6/2025 11:27
Iron	0.713	mg/L		0.10	1	10/6/2025 10:55
Magnesium	2.49	mg/L		1.00	1	10/6/2025 10:55
Manganese	<0.0200	mg/L		0.02	1	10/6/2025 10:55
Potassium	<1.00	mg/L		1.00	1	10/6/2025 10:55
Sodium	4.08	mg/L		1.00	1	10/6/2025 10:55
Hardness	150	mg/L		1.00	1	10/6/2025 11:27
Phosphorus	<1.00	mg/L		1.00	1	10/6/2025 10:55

Analytical Results

Collector: Geological, Arkansas Site: CAVE-12253-W02 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/29/2025 17:00
Sample Number: 2025-1852

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1852-4-01 **Batch Number: AB-251009-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/15/2025 9:57
Arsenic	<1.00	ug/L		1.00	1	10/15/2025 9:57
Barium	16.6	ug/L		1.00	1	10/15/2025 9:57
Beryllium	<1.00	ug/L		1.00	1	10/15/2025 9:57
Cadmium	<0.300	ug/L		0.30	1	10/15/2025 9:57
Chromium	24.3	ug/L		5.00	5	10/15/2025 13:02
Cobalt	0.817	ug/L		0.10	1	10/15/2025 9:57
Copper	2.37	ug/L		0.50	1	10/15/2025 9:57
Lead	<0.500	ug/L		0.50	1	10/15/2025 9:57
Nickel	28.5	ug/L		0.50	1	10/15/2025 9:57
Selenium	<5.00	ug/L		5.00	1	10/15/2025 9:57
Silver	<0.100	ug/L		0.10	1	10/15/2025 9:57
Thallium	<0.500	ug/L		0.50	1	10/15/2025 9:57
Vanadium	0.418	ug/L		0.20	1	10/15/2025 9:57
Zinc	<5.00	ug/L		5.00	1	10/15/2025 9:57

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1852-4-02 **Batch Number: AB-251009-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/15/2025 9:10
Calcium	61.5	mg/L		5.00	5	10/15/2025 10:24
Iron	1.37	mg/L		0.10	1	10/15/2025 9:10
Magnesium	2.79	mg/L		1.00	1	10/15/2025 9:10
Manganese	<0.0200	mg/L		0.02	1	10/15/2025 9:10
Potassium	<1.00	mg/L		1.00	1	10/15/2025 9:10
Sodium	4.50	mg/L		1.00	1	10/15/2025 9:10
Phosphorus	<1.00	mg/L		1.00	1	10/15/2025 9:10

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-03 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:45

Sample Barcode: Sample Number: 2025-1853

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1853-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	234*	mg/L		6.00	1	10/1/2025 15:55

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1853-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	5.19*	mg/L		0.30	10	10/1/2025 10:52

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1853-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	10/1/2025 19:32
Chloride	8.31*	mg/L		0.50	1	10/1/2025 19:32
Bromide	0.18*	mg/L		0.10	1	10/1/2025 19:32
Sulfate	3.85*	mg/L		0.50	1	10/1/2025 19:32

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1853-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.06*	mg/L		0.05	1	10/1/2025 12:46

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1853-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020*	mg/L		0.02	1	10/1/2025 10:42

Analytical Results

Collector: Geological, Arkansas | Site: TL-W-2379-03 | **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/29/2025 17:45
Sample Number: 2025-1853

pH | **Method: SM 4500-H+ B, 2021** | **Analyst: AGS**

Aliquot #: 2025-1853-1-06 | **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.60*	None			1	9/29/2025 17:45

Specific Conductance | **Method: EPA 120.1, 1982** | **Analyst: PH**

Aliquot #: 2025-1853-1-07 | **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	472	uS/cm		1.00	1	10/1/2025 13:00

Total Dissolved Solids | **Method: SM 2540 C, 2020** | **Analyst: SD**

Aliquot #: 2025-1853-1-08 | **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	267	mg/L		10.00	1	10/1/2025 15:00

Water Temperature | **Method: SM 2550 B, 2000** | **Analyst: AGS**

Aliquot #: 2025-1853-1-09 | **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	19.5*	°C			1	9/29/2025 17:45

Total Suspended Solids | **Method: SM 2540 D, 2020** | **Analyst: SD**

Aliquot #: 2025-1853-1-10 | **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	30.5	mg/L		2.00	1	9/30/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-03 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:45

Sample Barcode: Sample Number: 2025-1853

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1853-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	41.7	NTU		0.05	1	10/1/2025 13:00

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1853-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	6.26*	mg/L		0.10	1	10/2/2025 16:12

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1853-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.16*	mg/L	B+	0.02	1	10/2/2025 16:12

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1853-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	6.54	mg/L		1.00	1	10/1/2025 15:41

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-03 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/29/2025 17:45

Sample Barcode: Sample Number: 2025-1853

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1853-3-01 **Batch Number: AB-251009-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/14/2025 9:50
Arsenic	<1.00	ug/L		1.00	1	10/14/2025 9:50
Barium	27.2	ug/L		1.00	1	10/14/2025 9:50
Beryllium	<1.00	ug/L		1.00	1	10/14/2025 9:50
Cadmium	0.911	ug/L		0.30	1	10/14/2025 9:50
Chromium	<1.00	ug/L		1.00	1	10/14/2025 9:50
Cobalt	0.518	ug/L		0.10	1	10/14/2025 9:50
Copper	1.22	ug/L		0.50	1	10/14/2025 9:50
Lead	<0.500	ug/L		0.50	1	10/14/2025 9:50
Nickel	3.55	ug/L		0.50	1	10/14/2025 9:50
Selenium	<5.00	ug/L		5.00	1	10/14/2025 9:50
Silver	<0.100	ug/L		0.10	1	10/14/2025 9:50
Thallium	<0.500	ug/L		0.50	1	10/14/2025 9:50
Vanadium	<0.200	ug/L		0.20	1	10/14/2025 9:50
Zinc	3800	ug/L		500.00	100	10/14/2025 13:47

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1853-3-02 **Batch Number: AB-251009-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/14/2025 8:47
Calcium	81.4	mg/L		5.00	5	10/14/2025 10:18
Iron	3.46	mg/L		0.10	1	10/14/2025 8:47
Magnesium	1.88	mg/L		1.00	1	10/14/2025 8:47
Manganese	0.108	mg/L		0.02	1	10/14/2025 8:47
Potassium	10.5	mg/L		1.00	1	10/14/2025 8:47
Sodium	3.08	mg/L		1.00	1	10/14/2025 8:47
Hardness	211	mg/L		1.00	1	10/14/2025 10:18
Phosphorus	<1.00	mg/L		1.00	1	10/14/2025 8:47

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-03 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/29/2025 17:45
Sample Number: 2025-1853

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1853-4-01 **Batch Number: AB-251009-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/15/2025 10:01
Arsenic	<1.00	ug/L		1.00	1	10/15/2025 10:01
Barium	29.1	ug/L		1.00	1	10/15/2025 10:01
Beryllium	<1.00	ug/L		1.00	1	10/15/2025 10:01
Cadmium	16.8	ug/L		0.30	1	10/15/2025 10:01
Chromium	<1.00	ug/L		1.00	1	10/15/2025 10:01
Cobalt	0.559	ug/L		0.10	1	10/15/2025 10:01
Copper	66.8	ug/L		5.00	10	10/15/2025 13:14
Lead	17.7	ug/L		5.00	10	10/15/2025 13:14
Nickel	3.99	ug/L		0.50	1	10/15/2025 10:01
Selenium	<5.00	ug/L		5.00	1	10/15/2025 10:01
Silver	<0.100	ug/L		0.10	1	10/15/2025 10:01
Thallium	<0.500	ug/L		0.50	1	10/15/2025 10:01
Vanadium	<0.200	ug/L		0.20	1	10/15/2025 10:01
Zinc	5450	ug/L		1,500.00	300	10/15/2025 13:42

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1853-4-02 **Batch Number: AB-251009-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/15/2025 9:12
Calcium	83.9	mg/L		5.00	5	10/15/2025 10:27
Iron	7.39	mg/L		0.50	5	10/15/2025 10:27
Magnesium	1.94	mg/L		1.00	1	10/15/2025 9:12
Manganese	0.115	mg/L		0.02	1	10/15/2025 9:12
Potassium	10.7	mg/L		1.00	1	10/15/2025 9:12
Sodium	3.14	mg/L		1.00	1	10/15/2025 9:12
Phosphorus	<1.00	mg/L		1.00	1	10/15/2025 9:12

Analytical Results

Collector: Geological, Arkansas Site: BIER-14140-W01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 9:50

Sample Barcode: Sample Number: 2025-1854

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1854-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	385*	mg/L		30.00	5	10/1/2025 16:04

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1854-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.333*	mg/L		0.03	1	10/1/2025 10:45

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1854-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	3.11*	mg/L		0.10	1	10/1/2025 19:50
Chloride	24.3*	mg/L		0.50	1	10/1/2025 19:50
Bromide	0.28*	mg/L		0.10	1	10/1/2025 19:50
Sulfate	2.16*	mg/L		0.50	1	10/1/2025 19:50

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1854-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	<0.05*	mg/L		0.05	1	10/1/2025 12:48

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1854-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020*	mg/L		0.02	1	10/1/2025 10:45

Analytical Results

Collector: Geological, Arkansas Site: BIER-14140-W01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 9:50

Sample Barcode: Sample Number: 2025-1854

pH **Method: SM 4500-H+ B, 2021** **Analyst: AGS**

Aliquot #: 2025-1854-1-06 **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.83*	None			1	9/30/2025 9:50

Specific Conductance **Method: EPA 120.1, 1982** **Analyst: PH**

Aliquot #: 2025-1854-1-07 **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	668	uS/cm		1.00	1	10/1/2025 13:05

Total Dissolved Solids **Method: SM 2540 C, 2020** **Analyst: SD**

Aliquot #: 2025-1854-1-08 **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	412	mg/L		10.00	1	10/1/2025 15:00

Water Temperature **Method: SM 2550 B, 2000** **Analyst: AGS**

Aliquot #: 2025-1854-1-09 **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.2*	°C			1	9/30/2025 9:50

Total Suspended Solids **Method: SM 2540 D, 2020** **Analyst: SD**

Aliquot #: 2025-1854-1-10 **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	9/30/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: BIER-14140-W01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 9:50

Sample Barcode: Sample Number: 2025-1854

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1854-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.51	NTU	R	0.05	1	10/1/2025 13:05

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1854-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.38*	mg/L		0.10	1	10/2/2025 16:21

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1854-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02*	mg/L	B+	0.02	1	10/2/2025 16:21

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1854-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	10/1/2025 17:07

Analytical Results

Collector: Geological, Arkansas Site: BIER-14140-W01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 9:50

Sample Barcode: Sample Number: 2025-1854

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1854-3-01 **Batch Number: AB-251009-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/14/2025 10:06
Arsenic	<1.00	ug/L		1.00	1	10/14/2025 10:06
Barium	16.9	ug/L		1.00	1	10/14/2025 10:06
Beryllium	<1.00	ug/L		1.00	1	10/14/2025 10:06
Cadmium	<0.300	ug/L		0.30	1	10/14/2025 10:06
Chromium	<1.00	ug/L		1.00	1	10/14/2025 10:06
Cobalt	<0.100	ug/L		0.10	1	10/14/2025 10:06
Copper	<0.500	ug/L		0.50	1	10/14/2025 10:06
Lead	<0.500	ug/L		0.50	1	10/14/2025 10:06
Nickel	<0.500	ug/L		0.50	1	10/14/2025 10:06
Selenium	<5.00	ug/L		5.00	1	10/14/2025 10:06
Silver	<0.100	ug/L		0.10	1	10/14/2025 10:06
Thallium	<0.500	ug/L		0.50	1	10/14/2025 10:06
Vanadium	<0.200	ug/L		0.20	1	10/14/2025 10:06
Zinc	<5.00	ug/L		5.00	1	10/14/2025 10:06

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1854-3-02 **Batch Number: AB-251009-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/14/2025 8:53
Calcium	11.6	mg/L		1.00	1	10/14/2025 8:53
Iron	<0.100	mg/L		0.10	1	10/14/2025 8:53
Magnesium	4.69	mg/L		1.00	1	10/14/2025 8:53
Manganese	<0.0200	mg/L		0.02	1	10/14/2025 8:53
Potassium	4.43	mg/L		1.00	1	10/14/2025 8:53
Sodium	139	mg/L		5.00	5	10/14/2025 10:21
Hardness	48.4	mg/L		1.00	1	10/14/2025 10:21
Phosphorus	<1.00	mg/L		1.00	1	10/14/2025 8:53

Analytical Results

Collector: Geological, Arkansas Site: BIER-14140-W01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/30/2025 9:50
Sample Number: 2025-1854

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1854-4-01 **Batch Number: AB-251009-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/15/2025 10:17
Arsenic	<1.00	ug/L		1.00	1	10/15/2025 10:17
Barium	16.9	ug/L		1.00	1	10/15/2025 10:17
Beryllium	<1.00	ug/L		1.00	1	10/15/2025 10:17
Cadmium	<0.300	ug/L		0.30	1	10/15/2025 10:17
Chromium	<1.00	ug/L		1.00	1	10/15/2025 10:17
Cobalt	<0.100	ug/L		0.10	1	10/15/2025 10:17
Copper	<0.500	ug/L		0.50	1	10/15/2025 10:17
Lead	<0.500	ug/L		0.50	1	10/15/2025 10:17
Nickel	<0.500	ug/L		0.50	1	10/15/2025 10:17
Selenium	<5.00	ug/L		5.00	1	10/15/2025 10:17
Silver	<0.100	ug/L		0.10	1	10/15/2025 10:17
Thallium	<0.500	ug/L		0.50	1	10/15/2025 10:17
Vanadium	<0.200	ug/L		0.20	1	10/15/2025 10:17
Zinc	<5.00	ug/L		5.00	1	10/15/2025 10:17

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1854-4-02 **Batch Number: AB-251009-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/15/2025 9:18
Calcium	11.6	mg/L		1.00	1	10/15/2025 9:18
Iron	<0.100	mg/L		0.10	1	10/15/2025 9:18
Magnesium	4.70	mg/L		1.00	1	10/15/2025 9:18
Manganese	<0.0200	mg/L		0.02	1	10/15/2025 9:18
Potassium	4.49	mg/L		1.00	1	10/15/2025 9:18
Sodium	142	mg/L		5.00	5	10/15/2025 10:33
Phosphorus	<1.00	mg/L		1.00	1	10/15/2025 9:18

Analytical Results

Collector: Geological, Arkansas Site: CC-SAVOY-01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 10:45

Sample Barcode: Sample Number: 2025-1855

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: AB**

Aliquot #: 2025-1855-1-01 **Batch Number: AB-251001-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	140*	mg/L		6.00	1	10/1/2025 16:00

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: AB**

Aliquot #: 2025-1855-1-02 **Batch Number: AB-250930-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030*	mg/L		0.03	1	10/1/2025 11:05

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst: SD**

Aliquot #: 2025-1855-1-03 **Batch Number: AB-251001-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	10/1/2025 20:08
Chloride	9.03*	mg/L		0.50	1	10/1/2025 20:08
Bromide	0.14*	mg/L		0.10	1	10/1/2025 20:08
Sulfate	14.3*	mg/L		0.50	1	10/1/2025 20:08

Nitrate +Nitrite as N **Method: SM 4500-NO3 F, 2019** **Analyst: AB**

Aliquot #: 2025-1855-1-04 **Batch Number: AB-250930-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.65*	mg/L		0.05	1	10/1/2025 12:55

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1855-1-05 **Batch Number: AB-250930-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.025*	mg/L		0.02	1	10/1/2025 11:05

Analytical Results

Collector: Geological, Arkansas Site: CC-SAVOY-01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 10:45

Sample Barcode: Sample Number: 2025-1855

pH **Method: SM 4500-H+ B, 2021** **Analyst: AGS**

Aliquot #: 2025-1855-1-06 **Batch Number: AB-251002-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.72*	None			1	9/30/2025 10:45

Specific Conductance **Method: EPA 120.1, 1982** **Analyst: PH**

Aliquot #: 2025-1855-1-07 **Batch Number: AB-251009-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	326	uS/cm		1.00	1	10/1/2025 13:09

Total Dissolved Solids **Method: SM 2540 C, 2020** **Analyst: SD**

Aliquot #: 2025-1855-1-08 **Batch Number: AB-251002-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	200	mg/L		10.00	1	10/1/2025 15:00

Water Temperature **Method: SM 2550 B, 2000** **Analyst: AGS**

Aliquot #: 2025-1855-1-09 **Batch Number: AB-251002-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	20.1*	°C			1	9/30/2025 10:45

Total Suspended Solids **Method: SM 2540 D, 2020** **Analyst: SD**

Aliquot #: 2025-1855-1-10 **Batch Number: AB-251002-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	9/30/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: CC-SAVOY-01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 10:45

Sample Barcode: Sample Number: 2025-1855

Turbidity **Method: EPA 180.1** **Analyst: PH**

Aliquot #: 2025-1855-1-11 **Batch Number: AB-251009-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	3.02	NTU		0.05	1	10/1/2025 13:09

Total Kjeldahl Nitrogen as N **Method: SM 4500-N(org) C, 2021** **Analyst: AB**

Aliquot #: 2025-1855-1-12 **Batch Number: AB-251006-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.22*	mg/L		0.10	1	10/2/2025 16:23

Total Phosphorus as P **Method: SM 4500-P G, 2021** **Analyst: AB**

Aliquot #: 2025-1855-1-13 **Batch Number: AB-251006-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03*	mg/L	B+	0.02	1	10/2/2025 16:23

Dissolved Organic Carbon **Method: SM 5310 C, 2014** **Analyst: SD**

Aliquot #: 2025-1855-2-01 **Batch Number: AB-251001-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.05	mg/L		1.00	1	10/1/2025 17:37

Analytical Results

Collector: Geological, Arkansas Site: CC-SAVOY-01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 10:45

Sample Barcode: Sample Number: 2025-1855

ICP/MS Metals (Dissolved) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1855-3-01 **Batch Number: AB-251009-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/14/2025 10:14
Arsenic	<1.00	ug/L		1.00	1	10/14/2025 10:14
Barium	52.2	ug/L		1.00	1	10/14/2025 10:14
Beryllium	<1.00	ug/L		1.00	1	10/14/2025 10:14
Cadmium	<0.300	ug/L		0.30	1	10/14/2025 10:14
Chromium	<1.00	ug/L		1.00	1	10/14/2025 10:14
Cobalt	<0.100	ug/L		0.10	1	10/14/2025 10:14
Copper	<0.500	ug/L		0.50	1	10/14/2025 10:14
Lead	<0.500	ug/L		0.50	1	10/14/2025 10:14
Nickel	<0.500	ug/L		0.50	1	10/14/2025 10:14
Selenium	<5.00	ug/L		5.00	1	10/14/2025 10:14
Silver	<0.100	ug/L		0.10	1	10/14/2025 10:14
Thallium	<0.500	ug/L		0.50	1	10/14/2025 10:14
Vanadium	0.544	ug/L		0.20	1	10/14/2025 10:14
Zinc	<5.00	ug/L		5.00	1	10/14/2025 10:14

ICP/OES Metals (Dissolved) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1855-3-02 **Batch Number: AB-251009-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/14/2025 8:56
Calcium	56.1	mg/L		5.00	5	10/14/2025 10:24
Iron	<0.100	mg/L		0.10	1	10/14/2025 8:56
Magnesium	2.55	mg/L		1.00	1	10/14/2025 8:56
Manganese	<0.0200	mg/L		0.02	1	10/14/2025 8:56
Potassium	2.13	mg/L		1.00	1	10/14/2025 8:56
Sodium	6.81	mg/L		1.00	1	10/14/2025 8:56
Hardness	151	mg/L		1.00	1	10/14/2025 10:24
Phosphorus	<1.00	mg/L		1.00	1	10/14/2025 8:56

Analytical Results

Collector: Geological, Arkansas Site: CC-SAVOY-01 **Work Order Number: WO-250930-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 9/30/2025 10:45

Sample Barcode: Sample Number: 2025-1855

ICP/MS Metals (Total) **Method: EPA 200.8 (Rev. 5.4, 1994)** **Analyst: CAC**

Aliquot #: 2025-1855-4-01 **Batch Number: AB-251009-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/15/2025 10:25
Arsenic	<1.00	ug/L		1.00	1	10/15/2025 10:25
Barium	54.5	ug/L		1.00	1	10/15/2025 10:25
Beryllium	<1.00	ug/L		1.00	1	10/15/2025 10:25
Cadmium	<0.300	ug/L		0.30	1	10/15/2025 10:25
Chromium	<1.00	ug/L		1.00	1	10/15/2025 10:25
Cobalt	<0.100	ug/L		0.10	1	10/15/2025 10:25
Copper	<0.500	ug/L		0.50	1	10/15/2025 10:25
Lead	<0.500	ug/L		0.50	1	10/15/2025 10:25
Nickel	<0.500	ug/L		0.50	1	10/15/2025 10:25
Selenium	<5.00	ug/L		5.00	1	10/15/2025 10:25
Silver	<0.100	ug/L		0.10	1	10/15/2025 10:25
Thallium	<0.500	ug/L		0.50	1	10/15/2025 10:25
Vanadium	0.608	ug/L		0.20	1	10/15/2025 10:25
Zinc	<5.00	ug/L		5.00	1	10/15/2025 10:25

ICP/OES Metals (Total) **Method: EPA 200.7** **Analyst: CAC**

Aliquot #: 2025-1855-4-02 **Batch Number: AB-251009-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/15/2025 9:21
Calcium	58.3	mg/L		5.00	5	10/15/2025 10:36
Iron	<0.100	mg/L		0.10	1	10/15/2025 9:21
Magnesium	2.69	mg/L		1.00	1	10/15/2025 9:21
Manganese	<0.0200	mg/L		0.02	1	10/15/2025 9:21
Potassium	2.25	mg/L		1.00	1	10/15/2025 9:21
Sodium	7.08	mg/L		1.00	1	10/15/2025 9:21
Phosphorus	<1.00	mg/L		1.00	1	10/15/2025 9:21

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250930-02**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 9/30/2025 15:00
Sample Number: 2025-1856

ICP/MS Metals (Dissolved) | **Method: EPA 200.8 (Rev. 5.4, 1994)** | **Analyst: CAC**

Aliquot #: 2025-1856-1-01 | **Batch Number: AB-251009-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	10/14/2025 10:26
Arsenic	<1.00	ug/L		1.00	1	10/14/2025 10:26
Barium	<1.00	ug/L		1.00	1	10/14/2025 10:26
Beryllium	<1.00	ug/L		1.00	1	10/14/2025 10:26
Cadmium	<0.300	ug/L		0.30	1	10/14/2025 10:26
Chromium	<1.00	ug/L		1.00	1	10/14/2025 10:26
Cobalt	<0.100	ug/L		0.10	1	10/14/2025 10:26
Copper	<0.500	ug/L		0.50	1	10/14/2025 10:26
Lead	<0.500	ug/L		0.50	1	10/14/2025 10:26
Nickel	<0.500	ug/L		0.50	1	10/14/2025 10:26
Selenium	<5.00	ug/L		5.00	1	10/14/2025 10:26
Silver	<0.100	ug/L		0.10	1	10/14/2025 10:26
Thallium	<0.500	ug/L		0.50	1	10/14/2025 10:26
Vanadium	<0.200	ug/L		0.20	1	10/14/2025 10:26
Zinc	<5.00	ug/L		5.00	1	10/14/2025 10:26

ICP/OES Metals (Dissolved) | **Method: EPA 200.7** | **Analyst: CAC**

Aliquot #: 2025-1856-1-02 | **Batch Number: AB-251009-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	10/14/2025 9:01
Calcium	<1.00	mg/L		1.00	1	10/14/2025 9:01
Iron	<0.100	mg/L		0.10	1	10/14/2025 9:01
Magnesium	<1.00	mg/L		1.00	1	10/14/2025 9:01
Manganese	<0.0200	mg/L		0.02	1	10/14/2025 9:01
Potassium	<1.00	mg/L		1.00	1	10/14/2025 9:01
Sodium	<1.00	mg/L		1.00	1	10/14/2025 9:01
Hardness	<1.00	mg/L		1.00	1	10/14/2025 9:01
Phosphorus	<1.00	mg/L		1.00	1	10/14/2025 9:01

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 1850-1856 Date and Time Received: 9/30/2025 15:28:00

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ammonia as N		**SM 4500-NH3 H, 2021**					**Batch #:**	**AB-250930-001**		**Parent Sample:**		**2025-1847**		
	mg/L	<0.03	0.03	103.2 /	80-120			-		104.0 / 98.3	80-120	5.5	-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250930-002**		**Parent Sample:**		**2025-1847**		
	mg/L	<0.02	0.02	101.0 /	80-120			-		100.1 / 89.6	80-120	10.4	-	R
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250930-003**		**Parent Sample:**		**2025-1847**		
	mg/L	<0.05	0.05	98.3 /	80-120			-		94.7 / 94.0	80-120	0.6	-	
		SM 5310 C, 2014					**Batch #:**	**AB-251001-005**		**Parent Sample:**		**2025-1853**		
	mg/L	<1.00	1,000.00	96.4 /	85-115			-		101.2 / 97.2	80-120	1.7	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-251001-006**		**Parent Sample:**		**2025-1847**		
Br	mg/L	<0.10	0.10	103.7 /	90-110			-		93.8 / 92.8	80-120	1.0	-	
Cl	mg/L	<0.50	0.50	106.8 /	90-110			-		106.7 / 105.7	80-120	0.8	-	
F	mg/L	<0.10	0.10	109.3 /	90-110			-		102.9 / 101.9	80-120	1.0	-	
SO4	mg/L	<0.50	0.50	107.9 /	90-110			-		104.7 / 103.7	80-120	0.5	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-251001-007**		**Parent Sample:**				
	mg/L	<6.00	6.00	99.6 /	90-110			-		/	-		-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-251002-002**		**Parent Sample:**		**2025-1837**		
Ag	ug/L	<0.100	0.10	91.7 /	85-115			-		87.9 / 86.9	70-130	1.1	-	
As	ug/L	<1.00	1.00	101.4 /	85-115			-		99.3 / 97.9	70-130	1.4	-	
Ba	ug/L	<1.00	1.00	95.5 /	85-115			-		95.1 / 94.1	70-130	0.5	-	
Be	ug/L	<1.00	1.00	98.1 /	85-115			-		95.5 / 95.0	70-130	0.5	-	
Cd	ug/L	<0.300	0.30	101.6 /	85-115			-		99.9 / 98.7	70-130	1.2	-	
Co	ug/L	<0.100	0.10	96.0 /	85-115			-		92.1 / 89.4	70-130	3.0	-	
Cr	ug/L	<1.00	1.00	100.1 /	85-115			-		97.3 / 95.0	70-130	2.3	-	
Cu	ug/L	<0.500	0.50	93.8 /	85-115			-		87.7 / 86.2	70-130	1.8	-	
Ni	ug/L	<0.500	0.50	95.0 /	85-115			-		89.8 / 87.8	70-130	2.3	-	
Pb	ug/L	<0.500	0.50	102.6 /	85-115			-		100.3 / 100.1	70-130	0.2	-	
Sb	ug/L	<2.00	2.00	104.8 /	85-115			-		103.5 / 101.5	70-130	1.9	-	
Se	ug/L	<5.00	5.00	102.8 /	85-115			-		102.6 / 101.1	70-130	1.5	-	
Tl	ug/L	<0.500	0.50	100.5 /	85-115			-		99.2 / 98.7	70-130	0.5	-	
V	ug/L	<0.200	0.20	97.9 /	85-115			-		95.8 / 93.7	70-130	2.1	-	
Zn	ug/L	<5.00	5.00	102.2 /	85-115			-		98.9 / 97.0	70-130	1.8	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-251002-004**		**Parent Sample:**		**2025-1837**		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Al	mg/L	<0.100	0.10	96.9 /	85-115			-		96.7 / 94.9	70-131	1.9	-	
Ca	mg/L	<1.00	1.00	98.7 /	85-115			-		85.2 / 82.0	70-131	0.6	-	
Fe	mg/L	<0.100	0.10	97.3 /	85-115			-		94.1 / 92.3	70-131	1.8	-	
K	mg/L	<1.00	1.00	95.1 /	85-115			-		96.9 / 94.9	70-131	1.7	-	
Mg	mg/L	<1.00	1.00	97.6 /	85-115			-		94.5 / 92.9	70-131	1.3	-	
Mn	mg/L	<0.0200	0.02	97.5 /	85-115			-		93.7 / 91.9	70-131	1.8	-	
Na	mg/L	<1.00	1.00	95.7 /	85-115			-		96.4 / 94.2	70-131	1.3	-	
P	mg/L	<1.00	1.00	99.2 /	85-115			-		99.0 / 97.3	70-131	1.8	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-251002-006**			**Parent Sample:**	**2025-1817**		
Ag	ug/L	<0.100	0.10	96.1 /	85-115			-		91.9 / 92.4	70-130	0.6	-	
As	ug/L	<1.00	1.00	103.4 /	85-115			-		106.6 / 108.0	70-130	1.4	-	
Ba	ug/L	<1.00	1.00	98.3 /	85-115			-		99.3 / 95.7	70-130	1.9	-	
Be	ug/L	<1.00	1.00	102.9 /	85-115			-		110.8 / 107.0	70-130	3.5	-	
Cd	ug/L	<0.300	0.30	106.1 /	85-115			-		108.2 / 107.4	70-130	0.7	-	
Co	ug/L	<0.100	0.10	99.0 /	85-115			-		94.4 / 94.0	70-130	0.5	-	
Cr	ug/L	<1.00	1.00	103.8 /	85-115			-		100.0 / 99.4	70-130	0.5	-	
Cu	ug/L	<0.500	0.50	96.8 /	85-115			-		89.3 / 90.0	70-130	0.8	-	
Ni	ug/L	<0.500	0.50	97.0 /	85-115			-		93.1 / 91.7	70-130	1.5	-	
Pb	ug/L	<0.500	0.50	103.9 /	85-115			-		102.2 / 102.3	70-130	0.1	-	
Sb	ug/L	<2.00	2.00	109.3 /	85-115			-		109.7 / 109.8	70-130	0.1	-	
Se	ug/L	<5.00	5.00	105.4 /	85-115			-		112.3 / 113.0	70-130	0.7	-	
Tl	ug/L	<0.500	0.50	104.0 /	85-115			-		101.8 / 103.1	70-130	1.3	-	
V	ug/L	<0.200	0.20	100.3 /	85-115			-		98.0 / 98.2	70-130	0.1	-	
Zn	ug/L	<5.00	5.00	104.6 /	85-115			-		105.9 / 106.4	70-130	0.5	-	
		EPA 200.7					**Batch #:**	**AB-251002-008**			**Parent Sample:**	**2025-1817**		
Al	mg/L	<0.100	0.10	102.1 /	85-115			-		101.3 / 100.5	70-130	0.7	-	
Ca	mg/L	<1.00	1.00	103.9 /	85-115			-		89.5 / 80.9	70-130	1.2	-	
Fe	mg/L	<0.100	0.10	104.0 /	85-115			-		100.9 / 100.1	70-130	0.8	-	
K	mg/L	<1.00	1.00	101.7 /	85-115			-		102.1 / 100.3	70-130	1.2	-	
Mg	mg/L	<1.00	1.00	104.3 /	85-115			-		101.2 / 100.1	70-130	0.8	-	
Mn	mg/L	<0.0200	0.02	103.5 /	85-115			-		99.8 / 99.1	70-130	0.7	-	
Na	mg/L	<1.00	1.00	103.2 /	85-115			-		100.4 / 97.3	70-130	1.3	-	
P	mg/L	<1.00	1.00	106.3 /	85-115			-		107.8 / 106.9	70-130	0.9	-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-251002-009**			**Parent Sample:**			
	mg/L	<2.00	2.00	90.0 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-251002-010**			**Parent Sample:**			
	mg/L	<10.0	10.00	108.5 /	90-110			-		/	-		-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
		SM 4500-P G, 2021					**Batch #:**	**AB-251006-001**			**Parent Sample:**	**2025-1847**		
	mg/L	<0.02	0.02	98.0 /	80-120			-		99.5 / 100.0	80-120	0.5	-	B+
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-251006-002**			**Parent Sample:**	**2025-1847**		
	mg/L	<0.10	0.10	99.4 /	80-120			-		101.1 / 100.1	80-120	0.9	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-251009-001**			**Parent Sample:**			
	NTU	<0.05	0.05	104.0 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-251009-002**			**Parent Sample:**			
	uS/cm	<1.00	1.00	100.0 /	95-105			-		/	-		-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-251009-005**			**Parent Sample:**	**2025-1853**		
Ag	ug/L	<0.100	0.10	93.1 /	85-115			-		86.0 / 83.5	70-130	3.0	-	
As	ug/L	<1.00	1.00	102.4 /	85-115			-		99.3 / 98.4	70-130	0.9	-	
Ba	ug/L	<1.00	1.00	97.7 /	85-115			-		93.9 / 92.9	70-130	0.7	-	
Be	ug/L	<1.00	1.00	103.5 /	85-115			-		101.8 / 99.2	70-130	2.6	-	
Cd	ug/L	<0.300	0.30	103.9 /	85-115			-		96.5 / 95.7	70-130	0.7	-	
Co	ug/L	<0.100	0.10	96.5 /	85-115			-		88.3 / 88.6	70-130	0.4	-	
Cr	ug/L	<1.00	1.00	99.6 /	85-115			-		93.8 / 91.9	70-130	2.0	-	
Cu	ug/L	<0.500	0.50	93.4 /	85-115			-		83.1 / 82.3	70-130	0.9	-	
Ni	ug/L	<0.500	0.50	95.0 /	85-115			-		85.7 / 85.4	70-130	0.4	-	
Pb	ug/L	<0.500	0.50	101.9 /	85-115			-		98.1 / 96.7	70-130	1.4	-	
Sb	ug/L	<2.00	2.00	107.7 /	85-115			-		103.6 / 101.0	70-130	2.5	-	
Se	ug/L	<5.00	5.00	103.7 /	85-115			-		101.9 / 100.9	70-130	1.0	-	
Tl	ug/L	<0.500	0.50	102.2 /	85-115			-		98.7 / 97.9	70-130	0.8	-	
V	ug/L	<0.200	0.20	99.8 /	85-115			-		93.9 / 92.6	70-130	1.4	-	
Zn	ug/L	<5.00	5.00	100.7 /	85-115			-		-163.9 / -138.2	70-130	0.3	-	M
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-251009-007**			**Parent Sample:**	**2025-1853**		
Al	mg/L	<0.100	0.10	99.3 /	85-115			-		96.0 / 94.7	70-131	1.4	-	
Ca	mg/L	<1.00	1.00	102.4 /	85-115			-		79.6 / 81.8	70-131	0.2	-	
Fe	mg/L	<0.100	0.10	100.6 /	85-115			-		91.1 / 90.2	70-131	0.2	-	
K	mg/L	<1.00	1.00	99.1 /	85-115			-		97.2 / 96.6	70-131	0.3	-	
Mg	mg/L	<1.00	1.00	102.6 /	85-115			-		96.2 / 95.2	70-131	0.9	-	
Mn	mg/L	<0.0200	0.02	99.2 /	85-115			-		91.6 / 90.6	70-131	0.7	-	
Na	mg/L	<1.00	1.00	101.6 /	85-115			-		99.3 / 98.0	70-131	1.0	-	
P	mg/L	<1.00	1.00	101.9 /	85-115			-		99.6 / 98.1	70-131	1.4	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-251009-009**			**Parent Sample:**	**2025-1837**		
Ag	ug/L	<0.100	0.10	90.9 /	85-115			-		89.4 / 90.0	70-130	0.6	-	
As	ug/L	<1.00	1.00	101.7 /	85-115			-		104.8 / 104.9	70-130	0.1	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ba	ug/L	<1.00	1.00	97.9 /	85-115			-		98.6 / 96.2	70-130	1.2	-	
Be	ug/L	<1.00	1.00	104.5 /	85-115			-		105.3 / 104.5	70-130	0.7	-	
Cd	ug/L	<0.300	0.30	101.7 /	85-115			-		103.3 / 103.4	70-130	0.0	-	
Co	ug/L	<0.100	0.10	95.1 /	85-115			-		93.8 / 93.2	70-130	0.6	-	
Cr	ug/L	<1.00	1.00	97.3 /	85-115			-		102.3 / 98.9	70-130	3.1	-	
Cu	ug/L	<0.500	0.50	92.9 /	85-115			-		89.4 / 89.3	70-130	0.1	-	
Ni	ug/L	<0.500	0.50	95.1 /	85-115			-		91.3 / 91.8	70-130	0.5	-	
Pb	ug/L	<0.500	0.50	102.1 /	85-115			-		102.0 / 102.3	70-130	0.3	-	
Sb	ug/L	<2.00	2.00	106.4 /	85-115			-		106.9 / 107.4	70-130	0.4	-	
Se	ug/L	<5.00	5.00	103.4 /	85-115			-		108.5 / 107.5	70-130	0.9	-	
Tl	ug/L	<0.500	0.50	101.0 /	85-115			-		102.9 / 100.4	70-130	2.4	-	
V	ug/L	<0.200	0.20	97.4 /	85-115			-		98.0 / 97.2	70-130	0.7	-	
Zn	ug/L	<5.00	5.00	100.6 /	85-115			-		102.6 / 101.8	70-130	0.6	-	
		EPA 200.7					**Batch #:**	**AB-251009-011**		**Parent Sample:**		**2025-1837**		
Al	mg/L	<0.100	0.10	99.4 /	85-115			-		103.1 / 102.3	70-130	0.7	-	
Ca	mg/L	<1.00	1.00	101.0 /	85-115			-		92.1 / 96.6	70-130	0.7	-	
Fe	mg/L	<0.100	0.10	101.0 /	85-115			-		101.8 / 101.6	70-130	0.1	-	
K	mg/L	<1.00	1.00	98.1 /	85-115			-		100.1 / 101.5	70-130	1.2	-	
Mg	mg/L	<1.00	1.00	102.0 /	85-115			-		101.4 / 102.1	70-130	0.5	-	
Mn	mg/L	<0.0200	0.02	100.6 /	85-115			-		99.3 / 99.4	70-130	0.1	-	
Na	mg/L	<1.00	1.00	100.7 /	85-115			-		102.1 / 102.7	70-130	0.4	-	
P	mg/L	<1.00	1.00	100.8 /	85-115			-		103.7 / 103.5	70-130	0.2	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250930-02 **Parent Sample** 2025-1853

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250930-001 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-02	
Ammonia as Nitrogen		4.85	mg/L	6.77	0 - 20	AB-250930-001
Aliquot #	AB-250930-001 Dup - Field 3		**Parent Aliquot #**		2025-1854-1-02	
Ammonia as Nitrogen		0.28	mg/L	16.23	0 - 20	AB-250930-001
Aliquot #	AB-250930-002 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-05	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250930-002
Aliquot #	AB-250930-002 Dup - Field 3		**Parent Aliquot #**		2025-1854-1-05	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250930-002
Aliquot #	AB-250930-003 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-04	
Nitrite+Nitrate as Nitrogen		0.07	mg/L	9.20	0 - 20	AB-250930-003
Aliquot #	AB-250930-003 Dup - Field 3		**Parent Aliquot #**		2025-1854-1-04	
Nitrite+Nitrate as Nitrogen		<0.05	mg/L	0.00	0 - 20	AB-250930-003
Aliquot #	AB-251001-005 Dup - Field 1		**Parent Aliquot #**		2025-1853-2-01	
Dissolved Organic Carbon		6.79	mg/L	3.75	0 - 20	AB-251001-005
Aliquot #	AB-251001-005 Dup - Field 2		**Parent Aliquot #**		2025-1854-2-01	
Dissolved Organic Carbon		<1.00	mg/L	0.14	0 - 20	AB-251001-005
Aliquot #	AB-251001-006 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-251001-006
Chloride		8.32	mg/L	0.19	0 - 20	AB-251001-006
Bromide		0.18	mg/L	0.22	0 - 20	AB-251001-006
Sulfate		3.81	mg/L	1.07	0 - 20	AB-251001-006
Aliquot #	AB-251001-006 Dup - Field 3		**Parent Aliquot #**		2025-1854-1-03	
Fluoride		3.12	mg/L	0.59	0 - 20	AB-251001-006
Chloride		23.0	mg/L	5.60	0 - 20	AB-251001-006
Bromide		0.27	mg/L	6.24	0 - 20	AB-251001-006
Sulfate		1.81	mg/L	17.52	0 - 20	AB-251001-006
Aliquot #	AB-251001-007 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-01	
Alkalinity		236	mg/L	0.85	0 - 20	AB-251001-007
Aliquot #	AB-251001-007 Dup - Field 3		**Parent Aliquot #**		2025-1854-1-01	
Alkalinity		332	mg/L	14.78	0 - 20	AB-251001-007
Aliquot #	AB-251002-009 Dup - Field 2		**Parent Aliquot #**		2025-1853-1-10	
Total Suspended Solids		30.5	mg/L	0.00	0 - 5	AB-251002-009

Aliquot #	AB-251002-009 Dup - Field 3		**Parent Aliquot #**	2025-1854-1-10		
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-251002-009
Aliquot #	AB-251002-010 Dup - Field 2		**Parent Aliquot #**	2025-1853-1-08		
Total Dissolved Solids		267	mg/L	0.00	0 - 5	AB-251002-010
Aliquot #	AB-251002-010 Dup - Field 3		**Parent Aliquot #**	2025-1854-1-08		
Total Dissolved Solids		402	mg/L	2.33	0 - 5	AB-251002-010
Aliquot #	AB-251002-018 Dup - Field 1		**Parent Aliquot #**	2025-1854-1-06		
pH		7.83	units	0.00	0 - 20	AB-251002-018
Aliquot #	AB-251002-018 Dup - Field 2		**Parent Aliquot #**	2025-1853-1-06		
pH		7.60	units	0.00	0 - 20	AB-251002-018
Aliquot #	AB-251002-019 Dup - Field 1		**Parent Aliquot #**	2025-1854-1-09		
Water Temperature		17.2	°C	0.00	0 - 20	AB-251002-019
Aliquot #	AB-251002-019 Dup - Field 2		**Parent Aliquot #**	2025-1853-1-09		
Water Temperature		19.5	°C	0.00	0 - 20	AB-251002-019
Aliquot #	AB-251006-001 Dup - Field 2		**Parent Aliquot #**	2025-1853-1-13		
Total Phosphorus		0.15	mg/L	8.41	0 - 20	AB-251006-001
Aliquot #	AB-251006-001 Dup - Field 3		**Parent Aliquot #**	2025-1854-1-13		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-251006-001
Aliquot #	AB-251006-002 Dup - Field 2		**Parent Aliquot #**	2025-1853-1-12		
Total Kjeldahl Nitrogen		7.46	mg/L	17.55	0 - 20	AB-251006-002
Aliquot #	AB-251006-002 Dup - Field 3		**Parent Aliquot #**	2025-1854-1-12		
Total Kjeldahl Nitrogen		0.34	mg/L	10.17	0 - 20	AB-251006-002
Aliquot #	AB-251009-001 Dup - Field 1		**Parent Aliquot #**	2025-1853-1-11		
Turbidity		41.5	NTU	0.48	0 - 20	AB-251009-001
Aliquot #	AB-251009-001 Dup - Field 2		**Parent Aliquot #**	2025-1854-1-11		
Turbidity		1.08	NTU	71.70	0 - 20	AB-251009-001
Aliquot #	AB-251009-002 Dup - Field 1		**Parent Aliquot #**	2025-1853-1-07		
Specific Conductance		469	uS/cm	0.64	0 - 20	AB-251009-002
Aliquot #	AB-251009-002 Dup - Field 2		**Parent Aliquot #**	2025-1854-1-07		
Specific Conductance		673	uS/cm	0.75	0 - 20	AB-251009-002
Aliquot #	AB-251009-005 Dup - Field 1		**Parent Aliquot #**	2025-1853-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-251009-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Barium		26.9	ug/L	0.96	0 - 20	AB-251009-005
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Cadmium		0.944	ug/L	3.56	0 - 20	AB-251009-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Cobalt		0.500	ug/L	3.66	0 - 20	AB-251009-005

Copper		1.46	ug/L	17.81	0 - 20	AB-251009-005
Lead		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Nickel		3.38	ug/L	5.00	0 - 20	AB-251009-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-251009-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-251009-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-251009-005
Zinc		3710	ug/L	0.00	0 - 20	AB-251009-005
Aliquot #	AB-251009-005 Dup - Field 2		**Parent Aliquot #**		2025-1854-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-251009-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Barium		16.6	ug/L	1.42	0 - 20	AB-251009-005
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-251009-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-251009-005
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-251009-005
Copper		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Lead		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Nickel		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-251009-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-251009-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-251009-005
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-251009-005
Zinc		<5.00	ug/L	0.00	0 - 20	AB-251009-005
Aliquot #	AB-251009-007 Dup - Field 1		**Parent Aliquot #**		2025-1853-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-251009-007
Calcium		79.2	mg/L	2.73	0 - 20	AB-251009-007
Iron		3.57	mg/L	3.26	0 - 20	AB-251009-007
Magnesium		1.81	mg/L	3.62	0 - 20	AB-251009-007
Manganese		0.105	mg/L	3.28	0 - 20	AB-251009-007
Potassium		10.2	mg/L	2.59	0 - 20	AB-251009-007
Sodium		2.99	mg/L	3.10	0 - 20	AB-251009-007
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-251009-007
Aliquot #	AB-251009-007 Dup - Field 2		**Parent Aliquot #**		2025-1854-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-251009-007
Calcium		11.3	mg/L	2.73	0 - 20	AB-251009-007
Iron		<0.100	mg/L	0.00	0 - 20	AB-251009-007
Magnesium		4.58	mg/L	2.47	0 - 20	AB-251009-007
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-251009-007
Potassium		4.32	mg/L	2.53	0 - 20	AB-251009-007
Sodium		137	mg/L	1.53	0 - 20	AB-251009-007
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-251009-007
Aliquot #	AB-251009-009 Dup - Field 2		**Parent Aliquot #**		2025-1853-4-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-251009-009

Arsenic		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Barium		29.3	ug/L	0.81	0 - 20	AB-251009-009
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Cadmium		17.1	ug/L	1.95	0 - 20	AB-251009-009
Chromium		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Cobalt		0.573	ug/L	2.42	0 - 20	AB-251009-009
Copper		69.0	ug/L	3.26	0 - 20	AB-251009-009
Lead		18.3	ug/L	0.00	0 - 20	AB-251009-009
Nickel		4.13	ug/L	3.41	0 - 20	AB-251009-009
Selenium		<5.00	ug/L	0.00	0 - 20	AB-251009-009
Silver		<0.100	ug/L	0.00	0 - 20	AB-251009-009
Thallium		<0.500	ug/L	0.00	0 - 20	AB-251009-009
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-251009-009
Zinc		5470	ug/L	0.00	0 - 20	AB-251009-009
Aliquot #	AB-251009-009 Dup - Field 3		**Parent Aliquot #**		2025-1854-4-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-251009-009
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Barium		17.4	ug/L	2.80	0 - 20	AB-251009-009
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-251009-009
Chromium		<1.00	ug/L	0.00	0 - 20	AB-251009-009
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-251009-009
Copper		<0.500	ug/L	0.00	0 - 20	AB-251009-009
Lead		<0.500	ug/L	0.00	0 - 20	AB-251009-009
Nickel		<0.500	ug/L	0.00	0 - 20	AB-251009-009
Selenium		<5.00	ug/L	0.00	0 - 20	AB-251009-009
Silver		<0.100	ug/L	0.00	0 - 20	AB-251009-009
Thallium		<0.500	ug/L	0.00	0 - 20	AB-251009-009
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-251009-009
Zinc		<5.00	ug/L	0.00	0 - 20	AB-251009-009
Aliquot #	AB-251009-011 Dup - Field 2		**Parent Aliquot #**		2025-1853-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-251009-011
Calcium		83.9	mg/L	0.07	0 - 20	AB-251009-011
Iron		7.40	mg/L	0.19	0 - 20	AB-251009-011
Magnesium		1.95	mg/L	0.61	0 - 20	AB-251009-011
Manganese		0.117	mg/L	1.90	0 - 20	AB-251009-011
Potassium		10.8	mg/L	0.77	0 - 20	AB-251009-011
Sodium		3.18	mg/L	1.38	0 - 20	AB-251009-011
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-251009-011
Aliquot #	AB-251009-011 Dup - Field 3		**Parent Aliquot #**		2025-1854-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-251009-011
Calcium		11.9	mg/L	3.04	0 - 20	AB-251009-011
Iron		<0.100	mg/L	0.00	0 - 20	AB-251009-011
Magnesium		4.86	mg/L	3.42	0 - 20	AB-251009-011

Manganese	<0.0200	mg/L	0.00	0 - 20	AB-251009-011
Potassium	4.60	mg/L	2.35	0 - 20	AB-251009-011
Sodium	141	mg/L	0.13	0 - 20	AB-251009-011
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-251009-011