Analytical Results

Lab Contact Info:

ADEQ Laboratory and Monitoring Services
5301 Northshore Drive, North Little Rock, AR 72118
www.adeq.state.ar.us
Lessie Redican
Lessie.Redican@arkansas.gov
501-682-0937

Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2025 2012-2018

Date and Time Received: 2/4/2025 14:58:00

Work Order Number: WO-250204-04

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	1.1°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description
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: LB-17742-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/3/2025 16:05
Sample Number: 2025-0212

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

Aliquot #: 2025-0212-1-01 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	204	mg/L		6.00	1	2/5/2025 14:04

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

Aliquot #: 2025-0212-1-02 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/5/2025 13:17
Chloride	6.11	mg/L		0.50	1	2/5/2025 13:17
Bromide	<0.10	mg/L		0.10	1	2/5/2025 13:17
Sulfate	6.39	mg/L		0.50	1	2/5/2025 13:17

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

Aliquot #: 2025-0212-1-03 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	496	uS/cm		1.00	1	2/5/2025 8:59

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

Aliquot #: 2025-0212-1-05 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.27	None			1	2/3/2025 16:05

Analytical Results

Collector: Geological, Arkansas Site: LB-17742-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:05

Sample Barcode: Sample Number: 2025-0212

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

Aliquot #: 2025-0212-1-06 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	19.7	°C			1	2/3/2025 16:05

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

Aliquot #: 2025-0212-1-07 **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 15:51

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

Aliquot #: 2025-0212-1-08 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.55	mg/L		0.25	5	2/4/2025 16:05

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

Aliquot #: 2025-0212-1-09 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.043	mg/L		0.02	1	2/4/2025 15:51

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

Aliquot #: 2025-0212-1-10 **Batch Number: AB-250205-023**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	314	mg/L		10.00	1	2/5/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: LB-17742-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:05

Sample Barcode: Sample Number: 2025-0212

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

Aliquot #: 2025-0212-1-11 **Batch Number: AB-250205-014**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	9.00	mg/L		2.00	1	2/4/2025 15:20

Turbidity **Method: EPA 180.1** **Analyst: JR**

Aliquot #: 2025-0212-1-12 **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	7.35	NTU		0.05	1	2/5/2025 8:59

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

Aliquot #: 2025-0212-1-14 **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	2/6/2025 10:24
Total Nitrogen from Lachat	5.55	mg/L		0.50	5	2/6/2025 10:24

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

Aliquot #: 2025-0212-1-15 **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.09	mg/L		0.02	1	2/6/2025 10:23

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

Aliquot #: 2025-0212-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/5/2025 14:59

Analytical Results

Collector: Geological, Arkansas Site: LB-17742-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:05

Sample Barcode: Sample Number: 2025-0212

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

Aliquot #: 2025-0212-3-01 **Batch Number: AB-250224-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:09
Calcium	91.0*	mg/L		5.00	5	2/27/2025 14:25
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:09
Magnesium	2.97*	mg/L		1.00	1	2/27/2025 12:09
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:09
Potassium	2.71*	mg/L		1.00	1	2/27/2025 12:09
Sodium	7.75*	mg/L		1.00	1	2/27/2025 12:09
Hardness	240*	mg/L		1.00	1	2/27/2025 14:25
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:09

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

Aliquot #: 2025-0212-3-02 **Batch Number: AB-250225-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	2/25/2025 15:49
Arsenic	<1.00*	ug/L		1.00	1	2/25/2025 15:49
Barium	74.3*	ug/L		1.00	1	2/25/2025 15:49
Beryllium	<1.00*	ug/L		1.00	1	2/25/2025 15:49
Cadmium	<0.300*	ug/L		0.30	1	2/25/2025 15:49
Chromium	<1.00*	ug/L		1.00	1	2/25/2025 15:49
Cobalt	<0.100*	ug/L		0.10	1	2/25/2025 15:49
Copper	2.40*	ug/L	R	0.50	1	2/25/2025 15:49
Lead	<0.500*	ug/L		0.50	1	2/25/2025 15:49
Nickel	0.585*	ug/L		0.50	1	2/25/2025 15:49
Selenium	<5.00*	ug/L		5.00	1	2/25/2025 15:49
Silver	<0.100*	ug/L		0.10	1	2/25/2025 15:49
Thallium	<0.500*	ug/L		0.50	1	2/25/2025 15:49
Vanadium	0.258*	ug/L	R	0.20	1	2/25/2025 15:49
Zinc	60.5*	ug/L		25.00	5	2/25/2025 15:49

Analytical Results

Collector: Geological, Arkansas Site: LB-17742-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:05

Sample Barcode: Sample Number: 2025-0212

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

Aliquot #: 2025-0212-4-01 **Batch Number: AB-250311-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/11/2025 16:51
Arsenic	<1.00*	ug/L		1.00	1	3/11/2025 16:51
Barium	79.4*	ug/L		1.00	1	3/11/2025 16:51
Beryllium	<1.00*	ug/L		1.00	1	3/11/2025 16:51
Cadmium	<0.300*	ug/L		0.30	1	3/11/2025 16:51
Chromium	<1.00*	ug/L		1.00	1	3/11/2025 16:51
Cobalt	0.431*	ug/L		0.10	1	3/11/2025 16:51
Copper	12.3*	ug/L		0.50	1	3/11/2025 16:51
Lead	1.80*	ug/L		0.50	1	3/11/2025 16:51
Nickel	2.63*	ug/L		0.50	1	3/11/2025 16:51
Selenium	<5.00*	ug/L		5.00	1	3/11/2025 16:51
Silver	<0.100*	ug/L		0.10	1	3/11/2025 16:51
Thallium	<0.500*	ug/L		0.50	1	3/11/2025 16:51
Vanadium	0.556*	ug/L		0.20	1	3/11/2025 16:51
Zinc	127*	ug/L		25.00	5	3/11/2025 16:51

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

Aliquot #: 2025-0212-4-02 **Batch Number: AB-250311-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 10:41
Calcium	89.9*	mg/L		5.00	5	3/12/2025 11:48
Iron	0.476*	mg/L	R	0.10	1	3/12/2025 10:41
Magnesium	2.99*	mg/L		1.00	1	3/12/2025 10:41
Manganese	0.221*	mg/L	R	0.02	1	3/12/2025 10:41
Potassium	2.74*	mg/L		1.00	1	3/12/2025 10:41
Sodium	7.93*	mg/L		1.00	1	3/12/2025 10:41
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 10:41

Analytical Results

Collector: Geological, Arkansas Site: Glass-Spr-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:36

Sample Barcode: Sample Number: 2025-0213

Turbidity **Method: EPA 180.1** **Analyst: JR**

Aliquot #: 2025-0213-1-01 **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.14	NTU		0.05	1	2/5/2025 9:01

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

Aliquot #: 2025-0213-1-02 **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	2/6/2025 10:52
Total Nitrogen from Lachat	4.04	mg/L		0.10	1	2/6/2025 10:52

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

Aliquot #: 2025-0213-1-04 **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/6/2025 10:52

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

Aliquot #: 2025-0213-1-05 **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 15:53

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

Aliquot #: 2025-0213-1-06 **Batch Number: AB-250205-023**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	195	mg/L		10.00	1	2/5/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: Glass-Spr-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:36

Sample Barcode: Sample Number: 2025-0213

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

Aliquot #: 2025-0213-1-07 **Batch Number: AB-250205-014**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	3.50	mg/L		2.00	1	2/4/2025 15:20

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

Aliquot #: 2025-0213-1-08 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/4/2025 15:53

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

Aliquot #: 2025-0213-1-09 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.97	mg/L		0.05	1	2/4/2025 15:53

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

Aliquot #: 2025-0213-1-10 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.3	°C			1	2/3/2025 16:36

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

Aliquot #: 2025-0213-1-12 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.15	None			1	2/3/2025 16:36

Analytical Results

Collector: Geological, Arkansas Site: Glass-Spr-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:36

Sample Barcode: Sample Number: 2025-0213

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

Aliquot #: 2025-0213-1-13 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	327	uS/cm		1.00	1	2/5/2025 9:01

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

Aliquot #: 2025-0213-1-14 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	131	mg/L		6.00	1	2/5/2025 14:06

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

Aliquot #: 2025-0213-1-15 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/5/2025 13:35
Chloride	8.96	mg/L		0.50	1	2/5/2025 13:35
Bromide	<0.10	mg/L		0.10	1	2/5/2025 13:35
Sulfate	5.69	mg/L		0.50	1	2/5/2025 13:35

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

Aliquot #: 2025-0213-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/5/2025 15:27

Analytical Results

Collector: Geological, Arkansas Site: Glass-Spr-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 16:36

Sample Barcode: Sample Number: 2025-0213

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

Aliquot #: 2025-0213-3-01 **Batch Number: AB-250225-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	2/25/2025 15:57
Arsenic	<1.00*	ug/L		1.00	1	2/25/2025 15:57
Barium	47.1*	ug/L		1.00	1	2/25/2025 15:57
Beryllium	<1.00*	ug/L		1.00	1	2/25/2025 15:57
Cadmium	<0.300*	ug/L		0.30	1	2/25/2025 15:57
Chromium	<1.00*	ug/L		1.00	1	2/25/2025 15:57
Cobalt	<0.100*	ug/L		0.10	1	2/25/2025 15:57
Copper	<0.500*	ug/L		0.50	1	2/25/2025 15:57
Lead	<0.500*	ug/L		0.50	1	2/25/2025 15:57
Nickel	<0.500*	ug/L		0.50	1	2/25/2025 15:57
Selenium	<5.00*	ug/L		5.00	1	2/25/2025 15:57
Silver	<0.100*	ug/L		0.10	1	2/25/2025 15:57
Thallium	<0.500*	ug/L		0.50	1	2/25/2025 15:57
Vanadium	0.216*	ug/L		0.20	1	2/25/2025 15:57
Zinc	<5.00*	ug/L		5.00	1	2/25/2025 15:57

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

Aliquot #: 2025-0213-3-02 **Batch Number: AB-250224-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:12
Calcium	55.8*	mg/L		5.00	5	2/27/2025 14:29
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:12
Magnesium	2.15*	mg/L		1.00	1	2/27/2025 12:12
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:12
Potassium	2.02*	mg/L		1.00	1	2/27/2025 12:12
Sodium	7.18*	mg/L		1.00	1	2/27/2025 12:12
Hardness	148*	mg/L		1.00	1	2/27/2025 14:29
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:12

Analytical Results

Collector: Geological, Arkansas Site: Glass-Spr-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/3/2025 16:36
Sample Number: 2025-0213

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

Aliquot #: 2025-0213-4-01 **Batch Number: AB-250311-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 10:44
Calcium	53.4*	mg/L		5.00	5	3/12/2025 11:52
Iron	<0.100*	mg/L		0.10	1	3/12/2025 10:44
Magnesium	2.11*	mg/L		1.00	1	3/12/2025 10:44
Manganese	<0.0200*	mg/L		0.02	1	3/12/2025 10:44
Potassium	2.04*	mg/L		1.00	1	3/12/2025 10:44
Sodium	7.20*	mg/L		1.00	1	3/12/2025 10:44
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 10:44

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

Aliquot #: 2025-0213-4-02 **Batch Number: AB-250311-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/11/2025 17:07
Arsenic	<1.00*	ug/L		1.00	1	3/11/2025 17:07
Barium	47.1*	ug/L		1.00	1	3/11/2025 17:07
Beryllium	<1.00*	ug/L		1.00	1	3/11/2025 17:07
Cadmium	<0.300*	ug/L		0.30	1	3/11/2025 17:07
Chromium	<1.00*	ug/L		1.00	1	3/11/2025 17:07
Cobalt	<0.100*	ug/L		0.10	1	3/11/2025 17:07
Copper	<0.500*	ug/L		0.50	1	3/11/2025 17:07
Lead	<0.500*	ug/L		0.50	1	3/11/2025 17:07
Nickel	<0.500*	ug/L		0.50	1	3/11/2025 17:07
Selenium	<5.00*	ug/L		5.00	1	3/11/2025 17:07
Silver	<0.100*	ug/L		0.10	1	3/11/2025 17:07
Thallium	<0.500*	ug/L		0.50	1	3/11/2025 17:07
Vanadium	0.242*	ug/L		0.20	1	3/11/2025 17:07
Zinc	<5.00*	ug/L		5.00	1	3/11/2025 17:07

Analytical Results

Collector: Geological, Arkansas Site: CC-17742-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 17:00

Sample Barcode: Sample Number: 2025-0214

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

Aliquot #: 2025-0214-1-01 **Batch Number: AB-250205-014**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/4/2025 15:20

Turbidity **Method: EPA 180.1** **Analyst: JR**

Aliquot #: 2025-0214-1-02 **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.09	NTU		0.05	1	2/5/2025 9:02

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

Aliquot #: 2025-0214-1-03 **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/6/2025 10:53

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

Aliquot #: 2025-0214-1-04 **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.34	mg/L		0.10	1	2/6/2025 10:53
Total Nitrogen from Lachat	2.04	mg/L		0.10	1	2/6/2025 10:53

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

Aliquot #: 2025-0214-1-06 **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 15:55

Analytical Results

Collector: Geological, Arkansas Site: CC-17742-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 17:00

Sample Barcode: Sample Number: 2025-0214

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

Aliquot #: 2025-0214-1-07 **Batch Number: AB-250205-023**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	198	mg/L		10.00	1	2/5/2025 16:00

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

Aliquot #: 2025-0214-1-08 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.70	mg/L		0.05	1	2/4/2025 15:55

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

Aliquot #: 2025-0214-1-09 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/4/2025 15:55

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

Aliquot #: 2025-0214-1-10 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.0	°C			1	2/3/2025 17:00

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

Aliquot #: 2025-0214-1-11 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	8.11	None			1	2/3/2025 17:00

Analytical Results

Collector: Geological, Arkansas Site: CC-17742-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 17:00

Sample Barcode: Sample Number: 2025-0214

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

Aliquot #: 2025-0214-1-13 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/5/2025 13:44
Chloride	14.1	mg/L		0.50	1	2/5/2025 13:44
Bromide	<0.10	mg/L		0.10	1	2/5/2025 13:44
Sulfate	17.8	mg/L		0.50	1	2/5/2025 13:44

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

Aliquot #: 2025-0214-1-14 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	122	mg/L		6.00	1	2/5/2025 14:07

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

Aliquot #: 2025-0214-1-15 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	337	uS/cm		1.00	1	2/5/2025 9:02

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

Aliquot #: 2025-0214-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.52	mg/L		1.00	1	2/5/2025 16:11

Analytical Results

Collector: Geological, Arkansas Site: CC-17742-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/3/2025 17:00
Sample Number: 2025-0214

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

Aliquot #: 2025-0214-3-01 **Batch Number: AB-250224-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:14
Calcium	54.2*	mg/L		5.00	5	2/27/2025 14:30
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:14
Magnesium	3.11*	mg/L		1.00	1	2/27/2025 12:14
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:14
Potassium	1.80*	mg/L		1.00	1	2/27/2025 12:14
Sodium	9.61*	mg/L		1.00	1	2/27/2025 12:14
Hardness	148*	mg/L		1.00	1	2/27/2025 14:30
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:14

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

Aliquot #: 2025-0214-3-02 **Batch Number: AB-250225-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	2/25/2025 16:01
Arsenic	<1.00*	ug/L		1.00	1	2/25/2025 16:01
Barium	46.5*	ug/L		1.00	1	2/25/2025 16:01
Beryllium	<1.00*	ug/L		1.00	1	2/25/2025 16:01
Cadmium	<0.300*	ug/L		0.30	1	2/25/2025 16:01
Chromium	<1.00*	ug/L		1.00	1	2/25/2025 16:01
Cobalt	<0.100*	ug/L		0.10	1	2/25/2025 16:01
Copper	<0.500*	ug/L		0.50	1	2/25/2025 16:01
Lead	<0.500*	ug/L		0.50	1	2/25/2025 16:01
Nickel	<0.500*	ug/L		0.50	1	2/25/2025 16:01
Selenium	<5.00*	ug/L		5.00	1	2/25/2025 16:01
Silver	<0.100*	ug/L		0.10	1	2/25/2025 16:01
Thallium	<0.500*	ug/L		0.50	1	2/25/2025 16:01
Vanadium	0.338*	ug/L		0.20	1	2/25/2025 16:01
Zinc	<5.00*	ug/L		5.00	1	2/25/2025 16:01

Analytical Results

Collector: Geological, Arkansas Site: CC-17742-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/3/2025 17:00

Sample Barcode: Sample Number: 2025-0214

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

Aliquot #: 2025-0214-4-01 **Batch Number: AB-250313-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/13/2025 11:41
Arsenic	<1.00*	ug/L		1.00	1	3/13/2025 11:41
Barium	48.5*	ug/L		1.00	1	3/13/2025 11:41
Beryllium	<1.00*	ug/L		1.00	1	3/13/2025 11:41
Cadmium	<0.300*	ug/L		0.30	1	3/13/2025 11:41
Chromium	<1.00*	ug/L		1.00	1	3/13/2025 11:41
Cobalt	<0.100*	ug/L		0.10	1	3/13/2025 11:41
Copper	<0.500*	ug/L		0.50	1	3/13/2025 11:41
Lead	<0.500*	ug/L		0.50	1	3/13/2025 11:41
Nickel	<0.500*	ug/L		0.50	1	3/13/2025 11:41
Selenium	<5.00*	ug/L		5.00	1	3/13/2025 11:41
Silver	<0.100*	ug/L		0.10	1	3/13/2025 11:41
Thallium	<0.500*	ug/L		0.50	1	3/13/2025 11:41
Vanadium	0.323*	ug/L		0.20	1	3/13/2025 11:41
Zinc	<5.00*	ug/L		5.00	1	3/13/2025 11:41

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

Aliquot #: 2025-0214-4-02 **Batch Number: AB-250311-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 10:54
Calcium	51.4*	mg/L		5.00	5	3/12/2025 11:53
Iron	<0.100*	mg/L		0.10	1	3/12/2025 10:54
Magnesium	2.99*	mg/L		1.00	1	3/12/2025 10:54
Manganese	<0.0200*	mg/L		0.02	1	3/12/2025 10:54
Potassium	2.04*	mg/L		1.00	1	3/12/2025 10:54
Sodium	9.45*	mg/L		1.00	1	3/12/2025 10:54
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 10:54

Analytical Results

Collector: Geological, Arkansas | Site: MS-17336-W-01 | **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/4/2025 9:39
Sample Number: 2025-0215

Turbidity | **Method: EPA 180.1** | **Analyst: JR**

Aliquot #: 2025-0215-1-01 | **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.51	NTU		0.05	1	2/5/2025 9:03

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

Aliquot #: 2025-0215-1-02 | **Batch Number: AB-250205-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/4/2025 15:20

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

Aliquot #: 2025-0215-1-04 | **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.17	mg/L		0.10	1	2/6/2025 10:54
Total Nitrogen from Lachat	1.96	mg/L		0.10	1	2/6/2025 10:54

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

Aliquot #: 2025-0215-1-05 | **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/6/2025 10:54

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

Aliquot #: 2025-0215-1-06 | **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 15:58

Analytical Results

Collector: Geological, Arkansas Site: MS-17336-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 9:39

Sample Barcode: Sample Number: 2025-0215

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

Aliquot #: 2025-0215-1-07 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/4/2025 15:58

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

Aliquot #: 2025-0215-1-08 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.79	mg/L		0.05	1	2/4/2025 15:58

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

Aliquot #: 2025-0215-1-09 **Batch Number: AB-250205-024**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	226	mg/L		10.00	1	2/5/2025 16:00

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

Aliquot #: 2025-0215-1-10 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	376	uS/cm		1.00	1	2/5/2025 9:03

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

Aliquot #: 2025-0215-1-11 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	177	mg/L		6.00	1	2/5/2025 14:08

Analytical Results

Collector: Geological, Arkansas Site: MS-17336-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 9:39

Sample Barcode: Sample Number: 2025-0215

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

Aliquot #: 2025-0215-1-12 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/5/2025 13:53
Chloride	5.91	mg/L		0.50	1	2/5/2025 13:53
Bromide	0.11	mg/L		0.10	1	2/5/2025 13:53
Sulfate	1.96	mg/L		0.50	1	2/5/2025 13:53

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

Aliquot #: 2025-0215-1-14 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.35	None			1	2/4/2025 9:39

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

Aliquot #: 2025-0215-1-15 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	11.5	°C	R		1	2/4/2025 9:39

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

Aliquot #: 2025-0215-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/5/2025 16:25

Analytical Results

Collector: Geological, Arkansas Site: MS-17336-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 9:39

Sample Barcode: Sample Number: 2025-0215

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

Aliquot #: 2025-0215-3-01 **Batch Number: AB-250225-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	2/25/2025 16:05
Arsenic	<1.00*	ug/L		1.00	1	2/25/2025 16:05
Barium	10.1*	ug/L		1.00	1	2/25/2025 16:05
Beryllium	<1.00*	ug/L		1.00	1	2/25/2025 16:05
Cadmium	<0.300*	ug/L		0.30	1	2/25/2025 16:05
Chromium	<1.00*	ug/L		1.00	1	2/25/2025 16:05
Cobalt	<0.100*	ug/L		0.10	1	2/25/2025 16:05
Copper	0.925*	ug/L		0.50	1	2/25/2025 16:05
Lead	<0.500*	ug/L		0.50	1	2/25/2025 16:05
Nickel	<0.500*	ug/L		0.50	1	2/25/2025 16:05
Selenium	<5.00*	ug/L		5.00	1	2/25/2025 16:05
Silver	<0.100*	ug/L		0.10	1	2/25/2025 16:05
Thallium	<0.500*	ug/L		0.50	1	2/25/2025 16:05
Vanadium	0.274*	ug/L	R	0.20	1	2/25/2025 16:05
Zinc	34.5*	ug/L		5.00	1	2/25/2025 16:05

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

Aliquot #: 2025-0215-3-02 **Batch Number: AB-250224-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:15
Calcium	75.3*	mg/L		5.00	5	2/27/2025 14:32
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:15
Magnesium	<1.00*	mg/L		1.00	1	2/27/2025 12:15
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:15
Potassium	<1.00*	mg/L		1.00	1	2/27/2025 12:15
Sodium	3.03*	mg/L		1.00	1	2/27/2025 12:15
Hardness	192*	mg/L		1.00	1	2/27/2025 14:32
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:15

Analytical Results

Collector: Geological, Arkansas Site: MS-17336-W-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 9:39

Sample Barcode: Sample Number: 2025-0215

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

Aliquot #: 2025-0215-4-01 **Batch Number: AB-250311-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 10:55
Calcium	73.3*	mg/L		5.00	5	3/12/2025 11:55
Iron	<0.100*	mg/L		0.10	1	3/12/2025 10:55
Magnesium	<1.00*	mg/L		1.00	1	3/12/2025 10:55
Manganese	<0.0200*	mg/L		0.02	1	3/12/2025 10:55
Potassium	<1.00*	mg/L		1.00	1	3/12/2025 10:55
Sodium	3.08*	mg/L		1.00	1	3/12/2025 10:55
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 10:55

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

Aliquot #: 2025-0215-4-02 **Batch Number: AB-250313-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/13/2025 11:45
Arsenic	<1.00*	ug/L		1.00	1	3/13/2025 11:45
Barium	10.4*	ug/L		1.00	1	3/13/2025 11:45
Beryllium	<1.00*	ug/L		1.00	1	3/13/2025 11:45
Cadmium	<0.300*	ug/L		0.30	1	3/13/2025 11:45
Chromium	<1.00*	ug/L		1.00	1	3/13/2025 11:45
Cobalt	<0.100*	ug/L		0.10	1	3/13/2025 11:45
Copper	1.10*	ug/L		0.50	1	3/13/2025 11:45
Lead	<0.500*	ug/L		0.50	1	3/13/2025 11:45
Nickel	<0.500*	ug/L		0.50	1	3/13/2025 11:45
Selenium	<5.00*	ug/L		5.00	1	3/13/2025 11:45
Silver	<0.100*	ug/L		0.10	1	3/13/2025 11:45
Thallium	<0.500*	ug/L		0.50	1	3/13/2025 11:45
Vanadium	0.301*	ug/L		0.20	1	3/13/2025 11:45
Zinc	33.3*	ug/L		5.00	1	3/13/2025 11:45

Analytical Results

Collector: Geological, Arkansas Site: Ham-842-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 10:32

Sample Barcode: Sample Number: 2025-0216

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

Aliquot #: 2025-0216-1-01 **Batch Number: AB-250205-014**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/4/2025 15:20

Turbidity **Method: EPA 180.1** **Analyst: JR**

Aliquot #: 2025-0216-1-02 **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.58	NTU		0.05	1	2/5/2025 9:08

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

Aliquot #: 2025-0216-1-03 **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/6/2025 10:56

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

Aliquot #: 2025-0216-1-04 **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.23	mg/L		0.10	1	2/6/2025 10:56
Total Nitrogen from Lachat	1.85	mg/L		0.10	1	2/6/2025 10:56

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

Aliquot #: 2025-0216-1-06 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.62	mg/L		0.05	1	2/4/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: Ham-842-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 10:32

Sample Barcode: Sample Number: 2025-0216

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

Aliquot #: 2025-0216-1-07 **Batch Number: AB-250205-023**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	224	mg/L		10.00	1	2/5/2025 16:00

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

Aliquot #: 2025-0216-1-08 **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 16:00

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

Aliquot #: 2025-0216-1-09 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/4/2025 16:00

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

Aliquot #: 2025-0216-1-10 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	11.3	°C			1	2/4/2025 10:32

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

Aliquot #: 2025-0216-1-11 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	8.40	None			1	2/4/2025 10:32

Analytical Results

Collector: Geological, Arkansas Site: Ham-842-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 10:32

Sample Barcode: Sample Number: 2025-0216

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

Aliquot #: 2025-0216-1-13 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/5/2025 14:11
Chloride	8.64	mg/L		0.50	1	2/5/2025 14:11
Bromide	<0.10	mg/L		0.10	1	2/5/2025 14:11
Sulfate	16.4	mg/L		0.50	1	2/5/2025 14:11

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

Aliquot #: 2025-0216-1-14 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	130	mg/L		6.00	1	2/5/2025 14:19

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

Aliquot #: 2025-0216-1-15 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	369	uS/cm		1.00	1	2/5/2025 9:08

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

Aliquot #: 2025-0216-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.51	mg/L		1.00	1	2/5/2025 16:54

Analytical Results

Collector: Geological, Arkansas Site: Ham-842-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 10:32

Sample Barcode: Sample Number: 2025-0216

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

Aliquot #: 2025-0216-3-01 **Batch Number: AB-250224-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:19
Calcium	61.3*	mg/L		5.00	5	2/27/2025 15:05
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:19
Magnesium	2.97*	mg/L		1.00	1	2/27/2025 12:19
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:19
Potassium	1.34*	mg/L		1.00	1	2/27/2025 12:19
Sodium	10.1*	mg/L		1.00	1	2/27/2025 12:19
Hardness	165*	mg/L		1.00	1	2/27/2025 15:05
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:19

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

Aliquot #: 2025-0216-3-02 **Batch Number: AB-250225-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	2/25/2025 16:13
Arsenic	<1.00*	ug/L		1.00	1	2/25/2025 16:13
Barium	45.1*	ug/L		1.00	1	2/25/2025 16:13
Beryllium	<1.00*	ug/L		1.00	1	2/25/2025 16:13
Cadmium	<0.300*	ug/L		0.30	1	2/25/2025 16:13
Chromium	<1.00*	ug/L		1.00	1	2/25/2025 16:13
Cobalt	<0.100*	ug/L		0.10	1	2/25/2025 16:13
Copper	<0.500*	ug/L		0.50	1	2/25/2025 16:13
Lead	<0.500*	ug/L		0.50	1	2/25/2025 16:13
Nickel	<0.500*	ug/L		0.50	1	2/25/2025 16:13
Selenium	<5.00*	ug/L		5.00	1	2/25/2025 16:13
Silver	<0.100*	ug/L		0.10	1	2/25/2025 16:13
Thallium	<0.500*	ug/L		0.50	1	2/25/2025 16:13
Vanadium	0.363*	ug/L		0.20	1	2/25/2025 16:13
Zinc	<5.00*	ug/L		5.00	1	2/25/2025 16:13

Analytical Results

Collector: Geological, Arkansas Site: Ham-842-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 10:32

Sample Barcode: Sample Number: 2025-0216

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

Aliquot #: 2025-0216-4-01 **Batch Number: AB-250313-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/13/2025 12:01
Arsenic	<1.00*	ug/L		1.00	1	3/13/2025 12:01
Barium	46.5*	ug/L		1.00	1	3/13/2025 12:01
Beryllium	<1.00*	ug/L		1.00	1	3/13/2025 12:01
Cadmium	<0.300*	ug/L		0.30	1	3/13/2025 12:01
Chromium	<1.00*	ug/L		1.00	1	3/13/2025 12:01
Cobalt	<0.100*	ug/L		0.10	1	3/13/2025 12:01
Copper	<0.500*	ug/L		0.50	1	3/13/2025 12:01
Lead	<0.500*	ug/L		0.50	1	3/13/2025 12:01
Nickel	<0.500*	ug/L		0.50	1	3/13/2025 12:01
Selenium	<5.00*	ug/L		5.00	1	3/13/2025 12:01
Silver	<0.100*	ug/L		0.10	1	3/13/2025 12:01
Thallium	<0.500*	ug/L		0.50	1	3/13/2025 12:01
Vanadium	0.320*	ug/L		0.20	1	3/13/2025 12:01
Zinc	<5.00*	ug/L		5.00	1	3/13/2025 12:01

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

Aliquot #: 2025-0216-4-02 **Batch Number: AB-250311-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 11:02
Calcium	60.0*	mg/L		5.00	5	3/12/2025 14:48
Iron	<0.100*	mg/L		0.10	1	3/12/2025 11:02
Magnesium	2.89*	mg/L		1.00	1	3/12/2025 11:02
Manganese	<0.0200*	mg/L		0.02	1	3/12/2025 11:02
Potassium	1.45*	mg/L		1.00	1	3/12/2025 11:02
Sodium	9.99*	mg/L		1.00	1	3/12/2025 11:02
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 11:02

Analytical Results

Collector: Geological, Arkansas Site: Clab-84-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 11:01

Sample Barcode: Sample Number: 2025-0217

Turbidity **Method: EPA 180.1** **Analyst: JR**

Aliquot #: 2025-0217-1-02 **Batch Number: AB-250205-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	3.46	NTU		0.05	1	2/5/2025 9:09

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

Aliquot #: 2025-0217-1-03 **Batch Number: AB-250205-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	2.75	mg/L		2.00	1	2/4/2025 15:20

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

Aliquot #: 2025-0217-1-04 **Batch Number: AB-250205-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.27	mg/L		0.10	1	2/6/2025 10:57
Total Nitrogen from Lachat	1.50	mg/L		0.10	1	2/6/2025 10:57

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

Aliquot #: 2025-0217-1-05 **Batch Number: AB-250205-035**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	2/6/2025 10:57

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

Aliquot #: 2025-0217-1-06 **Batch Number: AB-250204-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/4/2025 16:02

Analytical Results

Collector: Geological, Arkansas Site: Clab-84-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 11:01

Sample Barcode: Sample Number: 2025-0217

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

Aliquot #: 2025-0217-1-07 **Batch Number: AB-250205-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/4/2025 16:02

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

Aliquot #: 2025-0217-1-08 **Batch Number: AB-250205-022**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.23	mg/L		0.05	1	2/4/2025 16:02

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

Aliquot #: 2025-0217-1-09 **Batch Number: AB-250205-024**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	216	mg/L		10.00	1	2/5/2025 16:00

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

Aliquot #: 2025-0217-1-10 **Batch Number: AB-250205-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	359	uS/cm		1.00	1	2/5/2025 9:09

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

Aliquot #: 2025-0217-1-12 **Batch Number: AB-250205-029**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	123	mg/L		6.00	1	2/5/2025 14:20

Analytical Results

Collector: Geological, Arkansas Site: Clab-84-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 11:01

Sample Barcode: Sample Number: 2025-0217

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

Aliquot #: 2025-0217-1-13 **Batch Number: AB-250205-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.30	mg/L		0.10	1	2/5/2025 14:38
Chloride	17.0	mg/L		0.50	1	2/5/2025 14:38
Bromide	0.11	mg/L		0.10	1	2/5/2025 14:38
Sulfate	26.3	mg/L		0.50	1	2/5/2025 14:38

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

Aliquot #: 2025-0217-1-14 **Batch Number: AB-250303-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.72	None			1	2/4/2025 11:01

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

Aliquot #: 2025-0217-1-15 **Batch Number: AB-250303-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	12.5	°C			1	2/4/2025 11:01

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

Aliquot #: 2025-0217-2-01 **Batch Number: AB-250205-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	2.19	mg/L		1.00	1	2/5/2025 17:09

Analytical Results

Collector: Geological, Arkansas Site: Clab-84-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 11:01

Sample Barcode: Sample Number: 2025-0217

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

Aliquot #: 2025-0217-3-01 **Batch Number: AB-250227-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/3/2025 11:19
Arsenic	<1.00*	ug/L		1.00	1	3/3/2025 11:19
Barium	48.9*	ug/L		1.00	1	3/3/2025 11:19
Beryllium	<1.00*	ug/L		1.00	1	3/3/2025 11:19
Cadmium	<0.300*	ug/L		0.30	1	3/3/2025 11:19
Chromium	<1.00*	ug/L		1.00	1	3/3/2025 11:19
Cobalt	<0.100*	ug/L		0.10	1	3/3/2025 11:19
Copper	<0.500*	ug/L		0.50	1	3/3/2025 11:19
Lead	<0.500*	ug/L		0.50	1	3/3/2025 11:19
Nickel	0.527*	ug/L		0.50	1	3/3/2025 11:19
Selenium	<5.00*	ug/L		5.00	1	3/3/2025 11:19
Silver	<0.100*	ug/L		0.10	1	3/3/2025 11:19
Thallium	<0.500*	ug/L		0.50	1	3/3/2025 11:19
Vanadium	0.352*	ug/L		0.20	1	3/3/2025 11:19
Zinc	<5.00*	ug/L		5.00	1	3/3/2025 11:19

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

Aliquot #: 2025-0217-3-02 **Batch Number: AB-250224-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:35
Calcium	55.8*	mg/L		5.00	5	2/27/2025 15:07
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:35
Magnesium	2.63*	mg/L		1.00	1	2/27/2025 12:35
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:35
Potassium	1.34*	mg/L		1.00	1	2/27/2025 12:35
Sodium	12.0*	mg/L		1.00	1	2/27/2025 12:35
Hardness	150*	mg/L		1.00	1	2/27/2025 15:07
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:35

Analytical Results

Collector: Geological, Arkansas Site: Clab-84-C-01 **Work Order Number: WO-250204-04**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/4/2025 11:01

Sample Barcode: Sample Number: 2025-0217

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

Aliquot #: 2025-0217-4-01 **Batch Number: AB-250313-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/13/2025 12:05
Arsenic	<1.00*	ug/L		1.00	1	3/13/2025 12:05
Barium	49.3*	ug/L		1.00	1	3/13/2025 12:05
Beryllium	<1.00*	ug/L		1.00	1	3/13/2025 12:05
Cadmium	<0.300*	ug/L		0.30	1	3/13/2025 12:05
Chromium	<1.00*	ug/L		1.00	1	3/13/2025 12:05
Cobalt	<0.100*	ug/L		0.10	1	3/13/2025 12:05
Copper	<0.500*	ug/L		0.50	1	3/13/2025 12:05
Lead	<0.500*	ug/L		0.50	1	3/13/2025 12:05
Nickel	0.593*	ug/L		0.50	1	3/13/2025 12:05
Selenium	<5.00*	ug/L		5.00	1	3/13/2025 12:05
Silver	<0.100*	ug/L		0.10	1	3/13/2025 12:05
Thallium	<0.500*	ug/L		0.50	1	3/13/2025 12:05
Vanadium	0.454*	ug/L		0.20	1	3/13/2025 12:05
Zinc	<5.00*	ug/L		5.00	1	3/13/2025 12:05

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

Aliquot #: 2025-0217-4-02 **Batch Number: AB-250311-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	3/12/2025 11:03
Calcium	56.1*	mg/L		5.00	5	3/12/2025 14:47
Iron	0.168*	mg/L		0.10	1	3/12/2025 11:03
Magnesium	2.58*	mg/L		1.00	1	3/12/2025 11:03
Manganese	0.0220*	mg/L		0.02	1	3/12/2025 11:03
Potassium	1.48*	mg/L		1.00	1	3/12/2025 11:03
Sodium	12.0*	mg/L		1.00	1	3/12/2025 11:03
Phosphorus	<1.00*	mg/L		1.00	1	3/12/2025 11:03

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250204-04**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/4/2025 9:39
Sample Number: 2025-0218

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

Aliquot #: 2025-0218-1-01 | **Batch Number: AB-250224-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	2/27/2025 12:36
Calcium	<1.00*	mg/L		1.00	1	2/27/2025 12:36
Iron	<0.100*	mg/L		0.10	1	2/27/2025 12:36
Magnesium	<1.00*	mg/L		1.00	1	2/27/2025 12:36
Manganese	<0.0200*	mg/L		0.02	1	2/27/2025 12:36
Potassium	<1.00*	mg/L		1.00	1	2/27/2025 12:36
Sodium	<1.00*	mg/L		1.00	1	2/27/2025 12:36
Hardness	<1.00*	mg/L		1.00	1	2/27/2025 12:36
Phosphorus	<1.00*	mg/L		1.00	1	2/27/2025 12:36

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

Aliquot #: 2025-0218-1-02 | **Batch Number: AB-250227-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	3/3/2025 10:43
Arsenic	<1.00*	ug/L		1.00	1	3/3/2025 10:43
Barium	<1.00*	ug/L		1.00	1	3/3/2025 10:43
Beryllium	<1.00*	ug/L		1.00	1	3/3/2025 10:43
Cadmium	<0.300*	ug/L		0.30	1	3/3/2025 10:43
Chromium	<1.00*	ug/L		1.00	1	3/3/2025 10:43
Cobalt	<0.100*	ug/L		0.10	1	3/3/2025 10:43
Copper	<0.500*	ug/L		0.50	1	3/3/2025 10:43
Lead	<0.500*	ug/L		0.50	1	3/3/2025 10:43
Nickel	<0.500*	ug/L		0.50	1	3/3/2025 10:43
Selenium	<5.00*	ug/L		5.00	1	3/3/2025 10:43
Silver	<0.100*	ug/L		0.10	1	3/3/2025 10:43
Thallium	<0.500*	ug/L		0.50	1	3/3/2025 10:43
Vanadium	<0.200*	ug/L		0.20	1	3/3/2025 10:43
Zinc	<5.00*	ug/L		5.00	1	3/3/2025 10:43

Project: EVT Routine+Metals 2025 2012-2018 Date and Time Received: 2/4/2025 14:58:00

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-250204-003**		**Parent Sample:**		**2025-0198**		
	mg/L	<0.03	0.03	102.3 /	80-120			-		104.1 / 105.1	80-120	0.9	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250205-001**		**Parent Sample:**		**2025-0198**		
Br	mg/L	<0.10	0.10	92.5 /	90-110			-		85.7 / 88.2	80-120	0.6	-	
Cl	mg/L	<0.50	0.50	97.5 /	90-110			-		47.9 / 60.1	80-120	0.6	-	
F	mg/L	<0.10	0.10	101.1 /	90-110			-		98.6 / 99.1	80-120	0.4	-	
SO4	mg/L	<0.50	0.50	97.7 /	90-110			-		104.2 / 104.8	80-120	0.4	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250205-004**		**Parent Sample:**				
	NTU	<0.05	0.05	101.0 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250205-007**		**Parent Sample:**				
	uS/cm	<1.00	1.00	99.2 /	95-105			-		/	-		-	
		SM 5310 C, 2014					**Batch #:**	**AB-250205-010**		**Parent Sample:**		**2025-0198**		
	mg/L	<1.00	1,000.00	95.2 /	85-115			-		94.2 / 92.2	80-120	0.9	-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250205-014**		**Parent Sample:**				
	mg/L	<2.00	2.00	104.8 /	90-110			-		/	-		-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250205-015**		**Parent Sample:**				
	mg/L	<2.00	2.00	98.5 /	90-110			-		/	-		-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250205-019**		**Parent Sample:**		**2025-0198**		
	mg/L	<0.02	0.02	101.0 /	80-120			-		95.7 / 97.7	80-120	2.0	-	
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250205-022**		**Parent Sample:**		**2025-0198**		
	mg/L	<0.05	0.05	101.3 /	80-120			-		101.3 / 101.5	80-120	0.2	-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250205-023**		**Parent Sample:**				
	mg/L	<10.0	10.00	102.0 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250205-024**		**Parent Sample:**				
	mg/L	<10.0	10.00	105.0 /	90-110			-		/	-		-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250205-029**		**Parent Sample:**				
	mg/L	<6.00	6.00	97.9 /	90-110			-		/	-		-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250205-032**		**Parent Sample:**		**2025-0198**		
	mg/L	<0.10	0.10	102.0 /	85-115			-		96.3 / 92.3	80-120	3.1	-	

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-250205-035**			**Parent Sample:**	**2025-0198**		
	mg/L	<0.02	0.02	101.5 /	85-115			-		97.9 / 96.4	80-120	1.4	-	B+
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250224-002**			**Parent Sample:**	**2025-0198**		
Al	mg/L	<0.100	0.10	95.5 /	85-115			-		99.2 / 96.3	70-131	2.9	-	
Ca	mg/L	<1.00	1.00	100.3 /	85-115			-		96.8 / 94.3	70-131	0.7	-	
Fe	mg/L	<0.100	0.10	98.9 /	85-115			-		97.3 / 94.7	70-131	2.3	-	
K	mg/L	<1.00	1.00	95.0 /	85-115			-		100.1 / 97.4	70-131	2.2	-	
Mg	mg/L	<1.00	1.00	100.2 /	85-115			-		99.5 / 96.5	70-131	1.9	-	
Mn	mg/L	<0.0200	0.02	100.3 /	85-115			-		97.5 / 94.8	70-131	2.1	-	
Na	mg/L	<1.00	1.00	97.6 /	85-115			-		100.0 / 97.8	70-131	0.2	-	
P	mg/L	<1.00	1.00	99.0 /	85-115			-		102.0 / 99.3	70-131	2.7	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250224-017**			**Parent Sample:**	**2025-0221**		
Al	mg/L	<0.100	0.10	94.8 /	85-115			-		97.6 / 95.9	70-131	1.7	-	
Ca	mg/L	<1.00	1.00	100.1 /	85-115			-		102.5 / 100.6	70-131	1.3	-	
Fe	mg/L	<0.100	0.10	98.5 /	85-115			-		100.9 / 99.1	70-131	1.7	-	
K	mg/L	<1.00	1.00	93.2 /	85-115			-		95.3 / 93.8	70-131	1.4	-	
Mg	mg/L	<1.00	1.00	98.9 /	85-115			-		101.4 / 99.9	70-131	1.3	-	
Mn	mg/L	<0.0200	0.02	99.9 /	85-115			-		102.3 / 100.6	70-131	1.5	-	
Na	mg/L	<1.00	1.00	97.0 /	85-115			-		99.6 / 98.3	70-131	1.1	-	
P	mg/L	<1.00	1.00	99.1 /	85-115			-		102.3 / 100.7	70-131	1.6	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250225-002**			**Parent Sample:**	**2025-0198**		
Ag	ug/L	<0.100	0.10	85.6 /	85-115			-		81.0 / 78.0	70-130	3.7	-	
As	ug/L	<1.00	1.00	95.0 /	85-115			-		98.1 / 95.7	70-130	2.4	-	
Ba	ug/L	<1.00	1.00	92.9 /	85-115			-		93.9 / 87.6	70-130	1.2	-	
Be	ug/L	<1.00	1.00	91.1 /	85-115			-		95.4 / 93.5	70-130	1.9	-	
Cd	ug/L	<0.300	0.30	94.1 /	85-115			-		94.7 / 91.5	70-130	3.5	-	
Co	ug/L	<0.100	0.10	87.4 /	85-115			-		84.5 / 82.4	70-130	2.0	-	
Cr	ug/L	<1.00	1.00	90.7 /	85-115			-		89.1 / 87.1	70-130	2.3	-	
Cu	ug/L	<0.500	0.50	86.0 /	85-115			-		79.8 / 77.4	70-130	3.0	-	
Ni	ug/L	<0.500	0.50	86.5 /	85-115			-		81.5 / 79.0	70-130	2.9	-	
Pb	ug/L	<0.500	0.50	93.0 /	85-115			-		98.6 / 95.7	70-130	2.9	-	
Sb	ug/L	<2.00	2.00	98.4 /	85-115			-		103.6 / 99.4	70-130	4.1	-	
Se	ug/L	<5.00	5.00	97.9 /	85-115			-		100.6 / 97.8	70-130	2.8	-	
Tl	ug/L	<0.500	0.50	92.2 /	85-115			-		96.4 / 94.3	70-130	2.2	-	
V	ug/L	<0.200	0.20	89.8 /	85-115			-		91.0 / 88.1	70-130	3.3	-	
Zn	ug/L	<5.00	5.00	96.7 /	85-115			-		91.3 / 88.6	70-130	2.4	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250227-018**			**Parent Sample:**	**2025-0221**		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ag	ug/L	<0.100	0.10	88.1 /	85-115			-		89.6 / 89.7	70-130	0.1	-	
As	ug/L	<1.00	1.00	97.5 /	85-115			-		102.5 / 101.2	70-130	1.3	-	
Ba	ug/L	<1.00	1.00	94.2 /	85-115			-		97.8 / 97.3	70-130	0.4	-	
Be	ug/L	<1.00	1.00	101.5 /	85-115			-		102.8 / 104.2	70-130	1.3	-	
Cd	ug/L	<0.300	0.30	97.2 /	85-115			-		102.0 / 101.7	70-130	0.3	-	
Co	ug/L	<0.100	0.10	91.0 /	85-115			-		92.8 / 91.7	70-130	1.2	-	
Cr	ug/L	<1.00	1.00	94.0 /	85-115			-		95.6 / 94.7	70-130	0.9	-	
Cu	ug/L	<0.500	0.50	88.5 /	85-115			-		91.2 / 89.9	70-130	1.4	-	
Ni	ug/L	<0.500	0.50	89.2 /	85-115			-		91.3 / 89.9	70-130	1.5	-	
Pb	ug/L	<0.500	0.50	97.2 /	85-115			-		99.2 / 98.1	70-130	1.1	-	
Sb	ug/L	<2.00	2.00	101.0 /	85-115			-		105.5 / 104.7	70-130	0.8	-	
Se	ug/L	<5.00	5.00	100.1 /	85-115			-		107.7 / 106.3	70-130	1.4	-	
Tl	ug/L	<0.500	0.50	95.4 /	85-115			-		98.3 / 97.1	70-130	1.1	-	
V	ug/L	<0.200	0.20	91.9 /	85-115			-		94.5 / 93.2	70-130	1.3	-	
Zn	ug/L	<5.00	5.00	98.2 /	85-115			-		104.8 / 102.8	70-130	1.9	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250311-003**		**Parent Sample:**		**2025-0198**		
Ag	ug/L	<0.100	0.10	85.7 /	85-115			-		82.1 / 81.3	70-130	0.9	-	
As	ug/L	<1.00	1.00	92.7 /	85-115			-		98.8 / 98.2	70-130	0.6	-	
Ba	ug/L	<1.00	1.00	88.5 /	85-115			-		95.4 / 93.5	70-130	0.4	-	
Be	ug/L	<1.00	1.00	93.7 /	85-115			-		100.6 / 100.3	70-130	0.2	-	
Cd	ug/L	<0.300	0.30	95.4 /	85-115			-		95.1 / 95.1	70-130	0.0	-	
Co	ug/L	<0.100	0.10	88.2 /	85-115			-		84.8 / 85.2	70-130	0.3	-	
Cr	ug/L	<1.00	1.00	91.6 /	85-115			-		90.7 / 89.4	70-130	1.4	-	
Cu	ug/L	<0.500	0.50	85.7 /	85-115			-		80.7 / 80.4	70-130	0.4	-	
Ni	ug/L	<0.500	0.50	86.9 /	85-115			-		82.4 / 81.5	70-130	1.0	-	
Pb	ug/L	<0.500	0.50	93.2 /	85-115			-		98.5 / 97.9	70-130	0.5	-	
Sb	ug/L	<2.00	2.00	97.0 /	85-115			-		100.6 / 100.3	70-130	0.3	-	
Se	ug/L	<5.00	5.00	96.7 /	85-115			-		101.5 / 102.4	70-130	0.9	-	
Tl	ug/L	<0.500	0.50	92.1 /	85-115			-		97.0 / 96.5	70-130	0.5	-	
V	ug/L	<0.200	0.20	89.1 /	85-115			-		92.2 / 91.9	70-130	0.3	-	
Zn	ug/L	<5.00	5.00	95.9 /	85-115			-		95.4 / 94.8	70-130	0.6	-	
		EPA 200.7					**Batch #:**	**AB-250311-010**		**Parent Sample:**		**2025-0198**		
Al	mg/L	<0.100	0.10	95.3 /	85-115			-		97.7 / 99.2	70-130	1.4	-	
Ca	mg/L	<1.00	1.00	98.4 /	85-115			-		91.6 / 97.3	70-130	1.7	-	
Fe	mg/L	<0.100	0.10	96.6 /	85-115			-		93.3 / 96.5	70-130	2.0	-	
K	mg/L	<1.00	1.00	96.0 /	85-115			-		98.3 / 101.8	70-130	2.8	-	
Mg	mg/L	<1.00	1.00	98.3 /	85-115			-		95.4 / 98.2	70-130	1.8	-	
Mn	mg/L	<0.0200	0.02	97.3 /	85-115			-		92.7 / 94.8	70-130	1.7	-	
Na	mg/L	<1.00	1.00	98.8 /	85-115			-		91.6 / 117.9	70-130	2.0	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
P	mg/L	<1.00	1.00	100.7 /	85-115			-		102.1 / 104.1	70-130	1.9	-	
		EPA 200.7					**Batch #:**	**AB-250311-011**			**Parent Sample:**	**2025-0215**		
Al	mg/L	<0.100	0.10	94.7 /	85-115			-		95.5 / 95.6	70-130	0.1	-	
Ca	mg/L	<1.00	1.00	98.1 /	85-115			-		81.4 / 83.7	70-130	0.3	-	
Fe	mg/L	<0.100	0.10	96.1 /	85-115			-		94.5 / 94.7	70-130	0.2	-	
K	mg/L	<1.00	1.00	95.9 /	85-115			-		96.4 / 95.7	70-130	0.6	-	
Mg	mg/L	<1.00	1.00	97.7 /	85-115			-		96.3 / 96.1	70-130	0.1	-	
Mn	mg/L	<0.0200	0.02	96.9 /	85-115			-		95.2 / 95.1	70-130	0.2	-	
Na	mg/L	<1.00	1.00	98.0 /	85-115			-		99.4 / 99.0	70-130	0.3	-	
P	mg/L	<1.00	1.00	100.9 /	85-115			-		103.3 / 103.1	70-130	0.2	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250313-001**			**Parent Sample:**	**2025-0215**		
Ag	ug/L	<0.100	0.10	89.5 /	85-115			-		87.8 / 88.2	70-130	0.5	-	
As	ug/L	<1.00	1.00	97.8 /	85-115			-		103.2 / 102.4	70-130	0.7	-	
Ba	ug/L	<1.00	1.00	95.9 /	85-115			-		97.2 / 97.4	70-130	0.2	-	
Be	ug/L	<1.00	1.00	101.4 /	85-115			-		104.8 / 104.8	70-130	0.0	-	
Cd	ug/L	<0.300	0.30	99.7 /	85-115			-		101.9 / 100.9	70-130	1.0	-	
Co	ug/L	<0.100	0.10	92.7 /	85-115			-		89.2 / 89.0	70-130	0.1	-	
Cr	ug/L	<1.00	1.00	96.3 /	85-115			-		95.8 / 92.7	70-130	2.8	-	
Cu	ug/L	<0.500	0.50	89.5 /	85-115			-		85.1 / 83.9	70-130	1.3	-	
Ni	ug/L	<0.500	0.50	91.9 /	85-115			-		87.1 / 86.1	70-130	1.2	-	
Pb	ug/L	<0.500	0.50	99.6 /	85-115			-		100.9 / 100.1	70-130	0.7	-	
Sb	ug/L	<2.00	2.00	102.5 /	85-115			-		104.1 / 103.6	70-130	0.5	-	
Se	ug/L	<5.00	5.00	100.8 /	85-115			-		107.6 / 107.4	70-130	0.1	-	
Tl	ug/L	<0.500	0.50	98.2 /	85-115			-		100.0 / 100.5	70-130	0.5	-	
V	ug/L	<0.200	0.20	95.3 /	85-115			-		95.9 / 94.7	70-130	1.2	-	
Zn	ug/L	<5.00	5.00	99.3 /	85-115			-		95.9 / 95.3	70-130	0.3	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250204-04 **Parent Sample** 2025-0212

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250204-003 Dup - Field 4		**Parent Aliquot #**		2025-0212-1-07	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250204-003
Aliquot #	AB-250204-003 Dup - Field 5		**Parent Aliquot #**		2025-0215-1-06	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250204-003
Aliquot #	AB-250205-001 Dup - Field 4		**Parent Aliquot #**		2025-0212-1-02	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250205-001
Chloride		9.93	mg/L	47.61	0 - 20	AB-250205-001
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250205-001
Sulfate		10.9	mg/L	52.29	0 - 20	AB-250205-001
Aliquot #	AB-250205-001 Dup - Field 5		**Parent Aliquot #**		2025-0215-1-12	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250205-001
Chloride		5.90	mg/L	0.20	0 - 20	AB-250205-001
Bromide		0.11	mg/L	3.73	0 - 20	AB-250205-001
Sulfate		2.06	mg/L	4.53	0 - 20	AB-250205-001
Aliquot #	AB-250205-004 Dup - Field 3		**Parent Aliquot #**		2025-0212-1-12	
Turbidity		7.48	NTU	1.75	0 - 20	AB-250205-004
Aliquot #	AB-250205-004 Dup - Field 4		**Parent Aliquot #**		2025-0215-1-01	
Turbidity		0.56	NTU	9.35	0 - 20	AB-250205-004
Aliquot #	AB-250205-007 Dup - Field 3		**Parent Aliquot #**		2025-0212-1-03	
Specific Conductance		495	uS/cm	0.20	0 - 20	AB-250205-007
Aliquot #	AB-250205-007 Dup - Field 4		**Parent Aliquot #**		2025-0215-1-10	
Specific Conductance		378	uS/cm	0.53	0 - 20	AB-250205-007
Aliquot #	AB-250205-010 Dup - Field 3		**Parent Aliquot #**		2025-0212-2-01	
Dissolved Organic Carbon		<1.00	mg/L	2.32	0 - 20	AB-250205-010
Aliquot #	AB-250205-010 Dup - Field 4		**Parent Aliquot #**		2025-0215-2-01	
Dissolved Organic Carbon		<1.00	mg/L	9.73	0 - 20	AB-250205-010
Aliquot #	AB-250205-014 Dup - Field 4		**Parent Aliquot #**		2025-0212-1-11	
Total Suspended Solids		7.25	mg/L	21.54	0 - 5	AB-250205-014
Aliquot #	AB-250205-015 Dup - Field 1		**Parent Aliquot #**		2025-0215-1-02	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250205-015
Aliquot #	AB-250205-019 Dup - Field 4		**Parent Aliquot #**		2025-0212-1-09	
Orthophosphate as Phosphorus		0.04	mg/L	3.88	0 - 20	AB-250205-019

Aliquot #	AB-250205-019 Dup - Field 5		**Parent Aliquot #**	2025-0215-1-07		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250205-019
Aliquot #	AB-250205-022 Dup - Field 4		**Parent Aliquot #**	2025-0212-1-08		
Nitrite+Nitrate as Nitrogen		5.55	mg/L	0.00	0 - 20	AB-250205-022
Aliquot #	AB-250205-022 Dup - Field 5		**Parent Aliquot #**	2025-0215-1-08		
Nitrite+Nitrate as Nitrogen		1.79	mg/L	0.00	0 - 20	AB-250205-022
Aliquot #	AB-250205-023 Dup - Field 4		**Parent Aliquot #**	2025-0212-1-10		
Total Dissolved Solids		310	mg/L	1.28	0 - 5	AB-250205-023
Aliquot #	AB-250205-024 Dup - Field 1		**Parent Aliquot #**	2025-0215-1-09		
Total Dissolved Solids		227	mg/L	0.44	0 - 5	AB-250205-024
Aliquot #	AB-250205-029 Dup - Field 4		**Parent Aliquot #**	2025-0212-1-01		
Alkalinity		207	mg/L	1.46	0 - 20	AB-250205-029
Aliquot #	AB-250205-029 Dup - Field 5		**Parent Aliquot #**	2025-0215-1-11		
Alkalinity		178	mg/L	0.56	0 - 20	AB-250205-029
Aliquot #	AB-250205-032 Dup - Field 3		**Parent Aliquot #**	2025-0212-1-14		
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-250205-032
Aliquot #	AB-250205-032 Dup - Field 4		**Parent Aliquot #**	2025-0215-1-04		
Total Kjeldahl Nitrogen		0.20	mg/L	16.22	0 - 20	AB-250205-032
Aliquot #	AB-250205-035 Dup - Field 3		**Parent Aliquot #**	2025-0212-1-15		
Total Phosphorus		0.09	mg/L	5.58	0 - 20	AB-250205-035
Aliquot #	AB-250205-035 Dup - Field 4		**Parent Aliquot #**	2025-0215-1-05		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250205-035
Aliquot #	AB-250205-035 Dup - Field 5		**Parent Aliquot #**	2025-0215-1-05		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250205-035
Aliquot #	AB-250224-002 Dup - Field 3		**Parent Aliquot #**	2025-0212-3-01		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250224-002
Calcium		91.1	mg/L	0.08	0 - 20	AB-250224-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250224-002
Magnesium		2.99	mg/L	0.58	0 - 20	AB-250224-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250224-002
Potassium		2.69	mg/L	0.67	0 - 20	AB-250224-002
Sodium		7.77	mg/L	0.18	0 - 20	AB-250224-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250224-002
Aliquot #	AB-250224-002 Dup - Field 4		**Parent Aliquot #**	2025-0215-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250224-002
Calcium		75.5	mg/L	0.18	0 - 20	AB-250224-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250224-002
Magnesium		<1.00	mg/L	0.00	0 - 20	AB-250224-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250224-002

Potassium		<1.00	mg/L	0.00	0 - 20	AB-250224-002
Sodium		3.05	mg/L	0.66	0 - 20	AB-250224-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250224-002
Aliquot #	AB-250225-002 Dup - Field 3		**Parent Aliquot #**	2025-0212-3-02		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250225-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Barium		74.0	ug/L	0.38	0 - 20	AB-250225-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250225-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250225-002
Copper		3.49	ug/L	37.15	0 - 20	AB-250225-002
Lead		<0.500	ug/L	0.00	0 - 20	AB-250225-002
Nickel		0.610	ug/L	4.10	0 - 20	AB-250225-002
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250225-002
Silver		<0.100	ug/L	0.00	0 - 20	AB-250225-002
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250225-002
Vanadium		0.347	ug/L	29.45	0 - 20	AB-250225-002
Zinc		86.9	ug/L	0.00	0 - 20	AB-250225-002
Aliquot #	AB-250225-002 Dup - Field 4		**Parent Aliquot #**	2025-0215-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250225-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Barium		10.0	ug/L	0.83	0 - 20	AB-250225-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250225-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250225-002
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250225-002
Copper		0.824	ug/L	11.58	0 - 20	AB-250225-002
Lead		<0.500	ug/L	0.00	0 - 20	AB-250225-002
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250225-002
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250225-002
Silver		<0.100	ug/L	0.00	0 - 20	AB-250225-002
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250225-002
Vanadium		0.384	ug/L	33.47	0 - 20	AB-250225-002
Zinc		38.7	ug/L	11.63	0 - 20	AB-250225-002
Aliquot #	AB-250303-008 Dup - Field 1		**Parent Aliquot #**	2025-0215-1-14		
pH		7.35	units	0.00	0 - 20	AB-250303-008
Aliquot #	AB-250303-009 Dup - Field 1		**Parent Aliquot #**	2025-0215-1-15		
Water Temperature		11.5	°C	0.00	0 - 20	AB-250303-009
Aliquot #	AB-250311-003 Dup - Field 3		**Parent Aliquot #**	2025-0212-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250311-003
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250311-003
Barium		81.5	ug/L	2.62	0 - 20	AB-250311-003

Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250311-003
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250311-003
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250311-003
Cobalt		0.354	ug/L	19.58	0 - 20	AB-250311-003
Copper		12.6	ug/L	2.30	0 - 20	AB-250311-003
Lead		1.63	ug/L	10.35	0 - 20	AB-250311-003
Nickel		2.22	ug/L	17.01	0 - 20	AB-250311-003
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250311-003
Silver		<0.100	ug/L	0.00	0 - 20	AB-250311-003
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250311-003
Vanadium		0.506	ug/L	9.39	0 - 20	AB-250311-003
Zinc		107	ug/L	16.97	0 - 20	AB-250311-003
Aliquot #	AB-250311-010 Dup - Field 3		**Parent Aliquot #**	2025-0212-4-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250311-010
Calcium		89.1	mg/L	0.89	0 - 20	AB-250311-010
Iron		0.303	mg/L	44.25	0 - 20	AB-250311-010
Magnesium		2.94	mg/L	1.77	0 - 20	AB-250311-010
Manganese		0.163	mg/L	30.52	0 - 20	AB-250311-010
Potassium		2.89	mg/L	5.62	0 - 20	AB-250311-010
Sodium		7.91	mg/L	0.23	0 - 20	AB-250311-010
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250311-010
Aliquot #	AB-250311-011 Dup - Field 1		**Parent Aliquot #**	2025-0215-4-01		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250311-011
Calcium		70.0	mg/L	4.56	0 - 20	AB-250311-011
Iron		<0.100	mg/L	0.00	0 - 20	AB-250311-011
Magnesium		<1.00	mg/L	0.00	0 - 20	AB-250311-011
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250311-011
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250311-011
Sodium		3.01	mg/L	2.09	0 - 20	AB-250311-011
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250311-011
Aliquot #	AB-250313-001 Dup - Field 1		**Parent Aliquot #**	2025-0215-4-02		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250313-001
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250313-001
Barium		10.4	ug/L	0.31	0 - 20	AB-250313-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250313-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250313-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250313-001
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250313-001
Copper		1.14	ug/L	3.88	0 - 20	AB-250313-001
Lead		<0.500	ug/L	0.00	0 - 20	AB-250313-001
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250313-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250313-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250313-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250313-001

Vanadium	0.297	ug/L	1.50	0 - 20	AB-250313-001
Zinc	37.3	ug/L	11.32	0 - 20	AB-250313-001