Analytical Results

Lab Contact Info:

ADEQ Laboratory and Monitoring Services

5301 Northshore Drive, North Little Rock, AR 72118

www.adeq.state.ar.us

Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2025 0481-0485

Date and Time Received: 3/18/2025 15:38:00

Work Order Number: WO-250318-02

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	0.9°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: EB-HDW-01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 3/17/2025 13:13
Sample Barcode: Sample Number: 2025-0481

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

Aliquot #: 2025-0481-1-01 **Batch Number: AB-250320-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	9.38	mg/L		6.00	1	3/19/2025 13:09

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

Aliquot #: 2025-0481-1-02 **Batch Number: AB-250318-052**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.119	mg/L		0.03	1	3/18/2025 16:54

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

Aliquot #: 2025-0481-1-03 **Batch Number: AB-250319-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	3/19/2025 14:14
Chloride	4.35	mg/L		0.50	1	3/19/2025 14:14
Bromide	<0.10	mg/L		0.10	1	3/19/2025 14:14
Sulfate	12.2	mg/L		0.50	1	3/19/2025 14:14

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

Aliquot #: 2025-0481-1-04 **Batch Number: AB-250319-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	2.05	mg/L		0.05	1	3/18/2025 16:54

Analytical Results

Collector: Geological, Arkansas Site: EB-HDW-01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 13:13

Sample Barcode: Sample Number: 2025-0481

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

Aliquot #: 2025-0481-1-05 **Batch Number: AB-250319-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.078	mg/L		0.02	1	3/18/2025 16:54

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

Aliquot #: 2025-0481-1-06 **Batch Number: AB-250401-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	5.93	None			1	3/17/2025 13:13

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

Aliquot #: 2025-0481-1-07 **Batch Number: AB-250319-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	96.4	uS/cm		1.00	1	3/19/2025 10:49

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

Aliquot #: 2025-0481-1-08 **Batch Number: AB-250324-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	74.5	mg/L		10.00	1	3/19/2025 15:30

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

Aliquot #: 2025-0481-1-09 **Batch Number: AB-250401-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	13.4	°C			1	3/17/2025 13:13

Analytical Results

Collector: Geological, Arkansas Site: EB-HDW-01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 3/17/2025 13:13
Sample Barcode: Sample Number: 2025-0481

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

Aliquot #: 2025-0481-1-10 **Batch Number: AB-250324-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	3/18/2025 16:00

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

Aliquot #: 2025-0481-1-11 **Batch Number: AB-250319-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	13.0	NTU		0.05	1	3/19/2025 10:49

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

Aliquot #: 2025-0481-1-12 **Batch Number: AB-250320-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.74*	mg/L		0.10	1	3/20/2025 10:09

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

Aliquot #: 2025-0481-1-13 **Batch Number: AB-250320-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.21*	mg/L		0.02	1	3/20/2025 10:09

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

Aliquot #: 2025-0481-2-01 **Batch Number: AB-250319-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	5.07	mg/L		1.00	1	3/20/2025 10:26

Analytical Results

Collector: Geological, Arkansas Site: EB-HDW-01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 13:13

Sample Barcode: Sample Number: 2025-0481

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

Aliquot #: 2025-0481-3-01 **Batch Number: AB-250403-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/7/2025 12:53
Arsenic	<1.00	ug/L		1.00	1	4/7/2025 12:53
Barium	71.1	ug/L		1.00	1	4/7/2025 12:53
Beryllium	<1.00	ug/L		1.00	1	4/7/2025 12:53
Cadmium	<0.300	ug/L		0.30	1	4/7/2025 12:53
Chromium	<1.00	ug/L		1.00	1	4/7/2025 12:53
Cobalt	1.16	ug/L		0.10	1	4/7/2025 12:53
Copper	1.22	ug/L		0.50	1	4/7/2025 12:53
Lead	<0.500	ug/L		0.50	1	4/7/2025 12:53
Nickel	1.04	ug/L		0.50	1	4/7/2025 12:53
Selenium	<5.00	ug/L		5.00	1	4/7/2025 12:53
Silver	<0.100	ug/L		0.10	1	4/7/2025 12:53
Thallium	<0.500	ug/L		0.50	1	4/7/2025 12:53
Vanadium	0.424	ug/L		0.20	1	4/7/2025 12:53
Zinc	28.1	ug/L		5.00	1	4/7/2025 12:53

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

Aliquot #: 2025-0481-3-02 **Batch Number: AB-250403-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/14/2025 12:13
Calcium	7.02	mg/L		1.00	1	4/14/2025 12:13
Iron	0.250	mg/L		0.10	1	4/14/2025 12:13
Magnesium	2.06	mg/L		1.00	1	4/14/2025 12:13
Manganese	0.154	mg/L		0.02	1	4/14/2025 12:13
Potassium	6.66	mg/L		1.00	1	4/14/2025 12:13
Sodium	3.66	mg/L		1.00	1	4/14/2025 12:13
Hardness	26.0	mg/L		1.00	1	4/14/2025 12:13
Phosphorus	<1.00	mg/L		1.00	1	4/14/2025 12:13

Analytical Results

Collector: Geological, Arkansas Site: EB-HDW-01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 13:13

Sample Barcode: Sample Number: 2025-0481

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

Aliquot #: 2025-0481-4-01 **Batch Number: AB-250409-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/9/2025 10:26
Arsenic	<1.00	ug/L		1.00	1	4/9/2025 10:26
Barium	78.6	ug/L		1.00	1	4/9/2025 10:26
Beryllium	<1.00	ug/L		1.00	1	4/9/2025 10:26
Cadmium	<0.300	ug/L		0.30	1	4/9/2025 10:26
Chromium	<1.00	ug/L		1.00	1	4/9/2025 10:26
Cobalt	1.25	ug/L		0.10	1	4/9/2025 10:26
Copper	1.49	ug/L		0.50	1	4/9/2025 10:26
Lead	<0.500	ug/L		0.50	1	4/9/2025 10:26
Nickel	1.19	ug/L		0.50	1	4/9/2025 10:26
Selenium	<5.00	ug/L		5.00	1	4/9/2025 10:26
Silver	<0.100	ug/L		0.10	1	4/9/2025 10:26
Thallium	<0.500	ug/L		0.50	1	4/9/2025 10:26
Vanadium	0.660	ug/L		0.20	1	4/9/2025 10:26
Zinc	29.9	ug/L		5.00	1	4/9/2025 10:26

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

Aliquot #: 2025-0481-4-02 **Batch Number: AB-250409-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.120	mg/L		0.10	1	4/15/2025 11:55
Calcium	6.89	mg/L		1.00	1	4/15/2025 11:55
Iron	0.885	mg/L		0.10	1	4/15/2025 11:55
Magnesium	2.03	mg/L		1.00	1	4/15/2025 11:55
Manganese	0.150	mg/L		0.02	1	4/15/2025 11:55
Potassium	6.37	mg/L		1.00	1	4/15/2025 11:55
Sodium	3.46	mg/L		1.00	1	4/15/2025 11:55
Phosphorus	<1.00	mg/L		1.00	1	4/15/2025 11:55

Analytical Results

Collector: Geological, Arkansas Site: WH-CR31-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 15:13

Sample Barcode: Sample Number: 2025-0482

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

Aliquot #: 2025-0482-1-01 **Batch Number: AB-250320-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	115	mg/L		6.00	1	3/19/2025 13:16

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

Aliquot #: 2025-0482-1-02 **Batch Number: AB-250318-052**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	3/18/2025 16:57

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

Aliquot #: 2025-0482-1-03 **Batch Number: AB-250319-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	3/19/2025 14:23
Chloride	14.6	mg/L		0.50	1	3/19/2025 14:23
Bromide	0.12	mg/L		0.10	1	3/19/2025 14:23
Sulfate	2.50	mg/L		0.50	1	3/19/2025 14:23

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

Aliquot #: 2025-0482-1-04 **Batch Number: AB-250319-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	11.6	mg/L		0.25	5	3/18/2025 17:03

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

Aliquot #: 2025-0482-1-05 **Batch Number: AB-250319-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	3/18/2025 16:57

Analytical Results

Collector: Geological, Arkansas Site: WH-CR31-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 15:13

Sample Barcode: Sample Number: 2025-0482

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

Aliquot #: 2025-0482-1-06 **Batch Number: AB-250401-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.94	None			1	3/17/2025 15:13

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

Aliquot #: 2025-0482-1-07 **Batch Number: AB-250319-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	370	uS/cm		1.00	1	3/19/2025 10:50

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

Aliquot #: 2025-0482-1-08 **Batch Number: AB-250324-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	223	mg/L		10.00	1	3/19/2025 15:30

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

Aliquot #: 2025-0482-1-09 **Batch Number: AB-250401-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.6	°C			1	3/17/2025 15:13

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

Aliquot #: 2025-0482-1-10 **Batch Number: AB-250324-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	2.75	mg/L		2.00	1	3/18/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: WH-CR31-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 15:13

Sample Barcode: Sample Number: 2025-0482

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

Aliquot #: 2025-0482-1-11 **Batch Number: AB-250319-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	11.0	NTU		0.05	1	3/19/2025 10:50

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

Aliquot #: 2025-0482-1-13 **Batch Number: AB-250320-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02*	mg/L		0.02	1	3/20/2025 10:13

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

Aliquot #: 2025-0482-2-01 **Batch Number: AB-250319-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	3/20/2025 10:40

Analytical Results

Collector: Geological, Arkansas Site: WH-CR31-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 3/17/2025 15:13
Sample Number: 2025-0482

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

Aliquot #: 2025-0482-3-01 **Batch Number: AB-250403-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/7/2025 12:57
Arsenic	<1.00	ug/L		1.00	1	4/7/2025 12:57
Barium	61.8	ug/L		1.00	1	4/7/2025 12:57
Beryllium	<1.00	ug/L		1.00	1	4/7/2025 12:57
Cadmium	<0.300	ug/L		0.30	1	4/7/2025 12:57
Chromium	<1.00	ug/L		1.00	1	4/7/2025 12:57
Cobalt	<0.100	ug/L		0.10	1	4/7/2025 12:57
Copper	45.9	ug/L		0.50	1	4/7/2025 12:57
Lead	1.32	ug/L		0.50	1	4/7/2025 12:57
Nickel	2.48	ug/L		0.50	1	4/7/2025 12:57
Selenium	<5.00	ug/L		5.00	1	4/7/2025 12:57
Silver	<0.100	ug/L		0.10	1	4/7/2025 12:57
Thallium	<0.500	ug/L		0.50	1	4/7/2025 12:57
Vanadium	<0.200	ug/L	R	0.20	1	4/7/2025 12:57
Zinc	154	ug/L		25.00	5	4/7/2025 16:06

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

Aliquot #: 2025-0482-3-02 **Batch Number: AB-250403-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/14/2025 12:15
Calcium	57.1	mg/L		5.00	5	4/14/2025 13:38
Iron	<0.100	mg/L		0.10	1	4/14/2025 12:15
Magnesium	1.95	mg/L		1.00	1	4/14/2025 12:15
Manganese	<0.0200	mg/L		0.02	1	4/14/2025 12:15
Potassium	<1.00	mg/L		1.00	1	4/14/2025 12:15
Sodium	15.2	mg/L		1.00	1	4/14/2025 12:15
Hardness	151	mg/L		1.00	1	4/14/2025 13:38
Phosphorus	<1.00	mg/L		1.00	1	4/14/2025 12:15

Analytical Results

Collector: Geological, Arkansas Site: WH-CR31-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/17/2025 15:13

Sample Barcode: Sample Number: 2025-0482

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

Aliquot #: 2025-0482-4-01 **Batch Number: AB-250409-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/9/2025 10:30
Arsenic	<1.00	ug/L		1.00	1	4/9/2025 10:30
Barium	61.4	ug/L		1.00	1	4/9/2025 10:30
Beryllium	<1.00	ug/L		1.00	1	4/9/2025 10:30
Cadmium	<0.300	ug/L		0.30	1	4/9/2025 10:30
Chromium	<1.00	ug/L		1.00	1	4/9/2025 10:30
Cobalt	<0.100	ug/L		0.10	1	4/9/2025 10:30
Copper	91.2	ug/L		5.00	10	4/9/2025 12:27
Lead	12.0	ug/L		5.00	10	4/9/2025 12:27
Nickel	4.34	ug/L	R	0.50	1	4/9/2025 10:30
Selenium	<5.00	ug/L		5.00	1	4/9/2025 10:30
Silver	<0.100	ug/L		0.10	1	4/9/2025 10:30
Thallium	<0.500	ug/L		0.50	1	4/9/2025 10:30
Vanadium	0.325	ug/L		0.20	1	4/9/2025 10:30
Zinc	226	ug/L		50.00	10	4/9/2025 12:27

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

Aliquot #: 2025-0482-4-02 **Batch Number: AB-250409-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/15/2025 11:57
Calcium	55.6	mg/L		5.00	5	4/15/2025 14:07
Iron	0.875	mg/L		0.10	1	4/15/2025 11:57
Magnesium	1.92	mg/L		1.00	1	4/15/2025 11:57
Manganese	<0.0200	mg/L		0.02	1	4/15/2025 11:57
Potassium	<1.00	mg/L		1.00	1	4/15/2025 11:57
Sodium	14.7	mg/L		1.00	1	4/15/2025 11:57
Phosphorus	<1.00	mg/L		1.00	1	4/15/2025 11:57

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-02 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 9:10

Sample Barcode: Sample Number: 2025-0483

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

Aliquot #: 2025-0483-1-01 **Batch Number: AB-250320-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	195	mg/L		6.00	1	3/19/2025 13:19

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

Aliquot #: 2025-0483-1-02 **Batch Number: AB-250318-052**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.897	mg/L		0.03	1	3/18/2025 17:00

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

Aliquot #: 2025-0483-1-03 **Batch Number: AB-250319-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	3/19/2025 14:59
Chloride	7.26	mg/L		0.50	1	3/19/2025 14:59
Bromide	0.17	mg/L		0.10	1	3/19/2025 14:59
Sulfate	3.08	mg/L		0.50	1	3/19/2025 14:59

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

Aliquot #: 2025-0483-1-04 **Batch Number: AB-250319-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	2.15	mg/L		0.05	1	3/18/2025 17:00

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

Aliquot #: 2025-0483-1-05 **Batch Number: AB-250319-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	3/18/2025 17:00

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-02 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 9:10

Sample Barcode: Sample Number: 2025-0483

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

Aliquot #: 2025-0483-1-06 **Batch Number: AB-250401-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.84	None			1	3/18/2025 9:10

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

Aliquot #: 2025-0483-1-07 **Batch Number: AB-250319-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	413	uS/cm		1.00	1	3/19/2025 10:51

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

Aliquot #: 2025-0483-1-08 **Batch Number: AB-250324-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	232	mg/L		10.00	1	3/19/2025 15:30

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

Aliquot #: 2025-0483-1-09 **Batch Number: AB-250401-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	15.4	°C			1	3/18/2025 9:10

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

Aliquot #: 2025-0483-1-10 **Batch Number: AB-250324-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	4.75	mg/L		2.00	1	3/18/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-02 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 9:10

Sample Barcode: Sample Number: 2025-0483

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

Aliquot #: 2025-0483-1-11 **Batch Number: AB-250319-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	21.1	NTU		0.05	1	3/19/2025 10:51

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

Aliquot #: 2025-0483-1-12 **Batch Number: AB-250320-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	1.16*	mg/L		0.10	1	3/20/2025 10:15

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

Aliquot #: 2025-0483-1-13 **Batch Number: AB-250320-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.04*	mg/L		0.02	1	3/20/2025 10:15

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

Aliquot #: 2025-0483-2-01 **Batch Number: AB-250319-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	3/20/2025 11:38

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-02 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 3/18/2025 9:10
Sample Number: 2025-0483

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

Aliquot #: 2025-0483-3-01 **Batch Number: AB-250403-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/7/2025 13:05
Arsenic	<1.00	ug/L		1.00	1	4/7/2025 13:05
Barium	15.4	ug/L		1.00	1	4/7/2025 13:05
Beryllium	<1.00	ug/L		1.00	1	4/7/2025 13:05
Cadmium	0.379	ug/L		0.30	1	4/7/2025 13:05
Chromium	<1.00	ug/L		1.00	1	4/7/2025 13:05
Cobalt	0.170	ug/L		0.10	1	4/7/2025 13:05
Copper	1.90	ug/L		0.50	1	4/7/2025 13:05
Lead	<0.500	ug/L		0.50	1	4/7/2025 13:05
Nickel	1.17	ug/L		0.50	1	4/7/2025 13:05
Selenium	<5.00	ug/L		5.00	1	4/7/2025 13:05
Silver	<0.100	ug/L		0.10	1	4/7/2025 13:05
Thallium	<0.500	ug/L		0.50	1	4/7/2025 13:05
Vanadium	<0.200	ug/L	R	0.20	1	4/7/2025 13:05
Zinc	1650	ug/L		250.00	50	4/7/2025 16:14

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

Aliquot #: 2025-0483-3-02 **Batch Number: AB-250403-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/14/2025 12:18
Calcium	85.5	mg/L		5.00	5	4/14/2025 13:42
Iron	<0.100	mg/L		0.10	1	4/14/2025 12:18
Magnesium	1.13	mg/L		1.00	1	4/14/2025 12:18
Manganese	0.0286	mg/L		0.02	1	4/14/2025 12:18
Potassium	<1.00	mg/L		1.00	1	4/14/2025 12:18
Sodium	2.86	mg/L		1.00	1	4/14/2025 12:18
Hardness	218	mg/L		1.00	1	4/14/2025 13:42
Phosphorus	<1.00	mg/L		1.00	1	4/14/2025 12:18

Analytical Results

Collector: Geological, Arkansas Site: TL-W-2379-02 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 3/18/2025 9:10
Sample Number: 2025-0483

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

Aliquot #: 2025-0483-4-01 **Batch Number: AB-250409-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/9/2025 10:50
Arsenic	<1.00	ug/L		1.00	1	4/9/2025 10:50
Barium	16.8	ug/L		1.00	1	4/9/2025 10:50
Beryllium	<1.00	ug/L		1.00	1	4/9/2025 10:50
Cadmium	1.15	ug/L		0.30	1	4/9/2025 10:50
Chromium	<1.00	ug/L		1.00	1	4/9/2025 10:50
Cobalt	0.201	ug/L		0.10	1	4/9/2025 10:50
Copper	11.5	ug/L		0.50	1	4/9/2025 10:50
Lead	29.8	ug/L		5.00	10	4/9/2025 12:55
Nickel	1.35	ug/L		0.50	1	4/9/2025 10:50
Selenium	<5.00	ug/L		5.00	1	4/9/2025 10:50
Silver	<0.100	ug/L		0.10	1	4/9/2025 10:50
Thallium	<0.500	ug/L		0.50	1	4/9/2025 10:50
Vanadium	<0.200	ug/L		0.20	1	4/9/2025 10:50
Zinc	2420	ug/L		500.00	100	4/9/2025 12:43

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

Aliquot #: 2025-0483-4-02 **Batch Number: AB-250409-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/15/2025 12:18
Calcium	83.9	mg/L		5.00	5	4/15/2025 14:10
Iron	1.50	mg/L		0.10	1	4/15/2025 12:18
Magnesium	1.12	mg/L		1.00	1	4/15/2025 12:18
Manganese	0.0284	mg/L		0.02	1	4/15/2025 12:18
Potassium	<1.00	mg/L		1.00	1	4/15/2025 12:18
Sodium	2.74	mg/L		1.00	1	4/15/2025 12:18
Phosphorus	<1.00	mg/L		1.00	1	4/15/2025 12:18

Analytical Results

Collector: Geological, Arkansas Site: OOG2-12601-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 10:50

Sample Barcode: Sample Number: 2025-0484

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

Aliquot #: 2025-0484-1-01 **Batch Number: AB-250320-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	152	mg/L		6.00	1	3/19/2025 13:21

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

Aliquot #: 2025-0484-1-02 **Batch Number: AB-250318-052**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	3/18/2025 17:02

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

Aliquot #: 2025-0484-1-03 **Batch Number: AB-250319-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	3/19/2025 15:17
Chloride	20.4	mg/L		0.50	1	3/19/2025 15:17
Bromide	0.12	mg/L		0.10	1	3/19/2025 15:17
Sulfate	6.72	mg/L		0.50	1	3/19/2025 15:17

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

Aliquot #: 2025-0484-1-04 **Batch Number: AB-250319-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	9.40	mg/L		0.25	5	3/18/2025 17:06

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

Aliquot #: 2025-0484-1-05 **Batch Number: AB-250319-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	3/18/2025 17:02

Analytical Results

Collector: Geological, Arkansas | Site: OOG2-12601-W01 | **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 3/18/2025 10:50
Sample Number: 2025-0484

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

Aliquot #: 2025-0484-1-06 | **Batch Number: AB-250401-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.80	None			1	3/18/2025 10:50

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

Aliquot #: 2025-0484-1-07 | **Batch Number: AB-250319-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	440	uS/cm		1.00	1	3/19/2025 10:53

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

Aliquot #: 2025-0484-1-08 | **Batch Number: AB-250324-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	262	mg/L		10.00	1	3/19/2025 15:30

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

Aliquot #: 2025-0484-1-09 | **Batch Number: AB-250401-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.0	°C			1	3/18/2025 10:50

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

Aliquot #: 2025-0484-1-10 | **Batch Number: AB-250324-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	32.5	mg/L		2.00	1	3/18/2025 16:00

Analytical Results

Collector: Geological, Arkansas Site: OOG2-12601-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 10:50

Sample Barcode: Sample Number: 2025-0484

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

Aliquot #: 2025-0484-1-11 **Batch Number: AB-250319-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	48.9	NTU		0.05	1	3/19/2025 10:53

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

Aliquot #: 2025-0484-1-13 **Batch Number: AB-250320-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.10*	mg/L		0.02	1	3/20/2025 10:17

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

Aliquot #: 2025-0484-2-01 **Batch Number: AB-250319-006**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	3/20/2025 12:06

Analytical Results

Collector: Geological, Arkansas Site: OOG2-12601-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 10:50

Sample Barcode: Sample Number: 2025-0484

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

Aliquot #: 2025-0484-3-01 **Batch Number: AB-250403-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/7/2025 13:13
Arsenic	<1.00	ug/L		1.00	1	4/7/2025 13:13
Barium	66.5	ug/L		1.00	1	4/7/2025 13:13
Beryllium	<1.00	ug/L		1.00	1	4/7/2025 13:13
Cadmium	<0.300	ug/L		0.30	1	4/7/2025 13:13
Chromium	<1.00	ug/L		1.00	1	4/7/2025 13:13
Cobalt	<0.100	ug/L		0.10	1	4/7/2025 13:13
Copper	<0.500	ug/L		0.50	1	4/7/2025 13:13
Lead	<0.500	ug/L		0.50	1	4/7/2025 13:13
Nickel	1.56	ug/L		0.50	1	4/7/2025 13:13
Selenium	<5.00	ug/L		5.00	1	4/7/2025 13:13
Silver	<0.100	ug/L		0.10	1	4/7/2025 13:13
Thallium	<0.500	ug/L		0.50	1	4/7/2025 13:13
Vanadium	0.231	ug/L		0.20	1	4/7/2025 13:13
Zinc	151	ug/L		25.00	5	4/7/2025 16:22

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

Aliquot #: 2025-0484-3-02 **Batch Number: AB-250403-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/14/2025 12:21
Calcium	69.9	mg/L		5.00	5	4/14/2025 13:45
Iron	<0.100	mg/L		0.10	1	4/14/2025 12:21
Magnesium	2.45	mg/L		1.00	1	4/14/2025 12:21
Manganese	<0.0200	mg/L		0.02	1	4/14/2025 12:21
Potassium	3.11	mg/L		1.00	1	4/14/2025 12:21
Sodium	17.1	mg/L		1.00	1	4/14/2025 12:21
Hardness	185	mg/L		1.00	1	4/14/2025 13:45
Phosphorus	<1.00	mg/L		1.00	1	4/14/2025 12:21

Analytical Results

Collector: Geological, Arkansas Site: OOG2-12601-W01 **Work Order Number: WO-250318-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 3/18/2025 10:50

Sample Barcode: Sample Number: 2025-0484

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

Aliquot #: 2025-0484-4-01 **Batch Number: AB-250409-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/9/2025 11:14
Arsenic	<1.00	ug/L		1.00	1	4/9/2025 11:14
Barium	82.3	ug/L		1.00	1	4/9/2025 11:14
Beryllium	<1.00	ug/L		1.00	1	4/9/2025 11:14
Cadmium	0.661	ug/L		0.30	1	4/9/2025 11:14
Chromium	<1.00	ug/L		1.00	1	4/9/2025 11:14
Cobalt	1.98	ug/L		0.10	1	4/9/2025 11:14
Copper	1.19	ug/L		0.50	1	4/9/2025 11:14
Lead	8.15	ug/L		2.50	5	4/9/2025 13:03
Nickel	3.80	ug/L		0.50	1	4/9/2025 11:14
Selenium	<5.00	ug/L		5.00	1	4/9/2025 11:14
Silver	<0.100	ug/L		0.10	1	4/9/2025 11:14
Thallium	<0.500	ug/L		0.50	1	4/9/2025 11:14
Vanadium	0.678	ug/L		0.20	1	4/9/2025 11:14
Zinc	1300	ug/L		250.00	50	4/9/2025 12:51

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

Aliquot #: 2025-0484-4-02 **Batch Number: AB-250409-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/15/2025 12:28
Calcium	67.0	mg/L		5.00	5	4/15/2025 14:13
Iron	3.60	mg/L		0.10	1	4/15/2025 12:28
Magnesium	2.10	mg/L		1.00	1	4/15/2025 12:28
Manganese	0.239	mg/L		0.02	1	4/15/2025 12:28
Potassium	2.81	mg/L		1.00	1	4/15/2025 12:28
Sodium	13.3	mg/L		1.00	1	4/15/2025 12:28
Phosphorus	<1.00	mg/L		1.00	1	4/15/2025 12:28

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250318-02**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected:
Sample Number: 2025-0485

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

Aliquot #: 2025-0485-1-01 | **Batch Number: AB-250403-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	4/7/2025 13:17
Arsenic	<1.00	ug/L		1.00	1	4/7/2025 13:17
Barium	<1.00	ug/L		1.00	1	4/7/2025 13:17
Beryllium	<1.00	ug/L		1.00	1	4/7/2025 13:17
Cadmium	<0.300	ug/L		0.30	1	4/7/2025 13:17
Chromium	<1.00	ug/L		1.00	1	4/7/2025 13:17
Cobalt	<0.100	ug/L		0.10	1	4/7/2025 13:17
Copper	<0.500	ug/L		0.50	1	4/7/2025 13:17
Lead	<0.500	ug/L		0.50	1	4/7/2025 13:17
Nickel	<0.500	ug/L		0.50	1	4/7/2025 13:17
Selenium	<5.00	ug/L		5.00	1	4/7/2025 13:17
Silver	<0.100	ug/L		0.10	1	4/7/2025 13:17
Thallium	<0.500	ug/L		0.50	1	4/7/2025 13:17
Vanadium	0.230	ug/L		0.20	1	4/7/2025 13:17
Zinc	<5.00	ug/L		5.00	1	4/7/2025 13:17

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

Aliquot #: 2025-0485-1-02 | **Batch Number: AB-250403-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/14/2025 12:23
Calcium	<1.00	mg/L		1.00	1	4/14/2025 12:23
Iron	<0.100	mg/L		0.10	1	4/14/2025 12:23
Magnesium	<1.00	mg/L		1.00	1	4/14/2025 12:23
Manganese	<0.0200	mg/L		0.02	1	4/14/2025 12:23
Potassium	<1.00	mg/L		1.00	1	4/14/2025 12:23
Sodium	<1.00	mg/L		1.00	1	4/14/2025 12:23
Hardness	<1.00	mg/L		1.00	1	4/14/2025 12:23
Phosphorus	<1.00	mg/L		1.00	1	4/14/2025 12:23

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 0481-0485 Date and Time Received: 3/18/2025 15:38:00

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-250318-052**		**Parent Sample:**		**2025-0479**		
	mg/L	<0.03	0.03	100.5 /	80-120			-		110.6 / 110.5	80-120	0.1	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250319-001**		**Parent Sample:**				
	NTU	<0.05	0.05	103.4 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250319-002**		**Parent Sample:**				
	uS/cm	<1.00	1.00	98.7 /	95-105			-		/	-		-	
		SM 5310 C, 2014					**Batch #:**	**AB-250319-006**		**Parent Sample:**		**2025-0479**		
	mg/L	<1.00	1,000.00	95.8 /	85-115			-		116.2 / 130.2	80-120	5.7	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250319-008**		**Parent Sample:**		**2025-0479**		
Br	mg/L	<0.10	0.10	94.9 /	90-110			-		92.4 / 91.5	80-120	1.0	-	
Cl	mg/L	<0.50	0.50	101.7 /	90-110			-		101.5 / 99.9	80-120	1.2	-	
F	mg/L	<0.10	0.10	100.8 /	90-110			-		101.6 / 99.2	80-120	2.3	-	
SO4	mg/L	<0.50	0.50	101.8 /	90-110			-		102.2 / 100.1	80-120	1.4	-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250319-013**		**Parent Sample:**		**2025-0486**		
	mg/L	<0.02	0.02	95.5 /	80-120			-		90.8 / 92.8	80-120	1.8	-	
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250319-015**		**Parent Sample:**		**2025-0479**		
	mg/L	<0.05	0.05	97.0 /	80-120			-		97.7 / 98.0	80-120	0.3	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250320-006**		**Parent Sample:**				
	mg/L	<6.00	6.00	93.2 /	90-110			-		/	-		-	
		SM 4500-P G, 2021					**Batch #:**	**AB-250320-008**		**Parent Sample:**		**2025-0479**		
	mg/L	<0.02	0.02	96.0 /	80-120			-		98.6 / 90.6	80-120	5.6	-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250320-010**		**Parent Sample:**		**2025-0479**		
	mg/L	<0.10	0.10	102.0 /	80-120			-		114.2 / 105.2	80-120	4.7	-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250324-004**		**Parent Sample:**				
	mg/L	<10.0	10.00	100.5 /	90-110			-		/	-		-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250324-018**		**Parent Sample:**				
	mg/L	<2.00	2.00	97.3 /	90-110			-		/	-		-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250403-007**		**Parent Sample:**		**2025-0471**		
Ag	ug/L	<0.100	0.10	91.7 /	85-115			-		87.8 / 86.8	70-130	1.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
As	ug/L	<1.00	1.00	101.8 /	85-115			-		101.5 / 101.5	70-130	0.0	-	
Ba	ug/L	<1.00	1.00	97.7 /	85-115			-		98.3 / 95.8	70-130	1.4	-	
Be	ug/L	<1.00	1.00	103.8 /	85-115			-		102.7 / 100.7	70-130	2.0	-	
Cd	ug/L	<0.300	0.30	101.6 /	85-115			-		100.5 / 100.0	70-130	0.5	-	
Co	ug/L	<0.100	0.10	96.2 /	85-115			-		90.9 / 90.9	70-130	0.0	-	
Cr	ug/L	<1.00	1.00	98.5 /	85-115			-		94.7 / 94.8	70-130	0.1	-	
Cu	ug/L	<0.500	0.50	93.6 /	85-115			-		86.4 / 86.6	70-130	0.3	-	
Ni	ug/L	<0.500	0.50	95.2 /	85-115			-		88.0 / 88.3	70-130	0.3	-	
Pb	ug/L	<0.500	0.50	102.2 /	85-115			-		101.0 / 100.3	70-130	0.7	-	
Sb	ug/L	<2.00	2.00	104.8 /	85-115			-		106.5 / 105.9	70-130	0.6	-	
Se	ug/L	<5.00	5.00	101.8 /	85-115			-		101.0 / 100.9	70-130	0.0	-	
Tl	ug/L	<0.500	0.50	100.9 /	85-115			-		99.0 / 97.4	70-130	1.7	-	
V	ug/L	<0.200	0.20	98.2 /	85-115			-		96.0 / 95.8	70-130	0.2	-	
Zn	ug/L	<5.00	5.00	101.9 /	85-115			-		99.2 / 98.8	70-130	0.3	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250403-009**			**Parent Sample:**	**2025-0471**		
Al	mg/L	<0.100	0.10	97.0 /	85-115			-		96.5 / 96.7	70-131	0.2	-	
Ca	mg/L	<1.00	1.00	101.1 /	85-115			-		78.6 / 81.1	70-131	0.4	-	
Fe	mg/L	<0.100	0.10	99.0 /	85-115			-		94.8 / 95.1	70-131	0.4	-	
K	mg/L	<1.00	1.00	96.8 /	85-115			-		96.2 / 97.0	70-131	0.5	-	
Mg	mg/L	<1.00	1.00	100.0 /	85-115			-		94.9 / 95.5	70-131	0.4	-	
Mn	mg/L	<0.0200	0.02	99.4 /	85-115			-		94.6 / 94.9	70-131	0.4	-	
Na	mg/L	<1.00	1.00	100.7 /	85-115			-		93.8 / 95.2	70-131	0.4	-	
P	mg/L	<1.00	1.00	98.5 /	85-115			-		98.3 / 98.6	70-131	0.2	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250409-001**			**Parent Sample:**	**2025-0444**		
Ag	ug/L	<0.100	0.10	97.0 /	85-115			-		95.8 / 96.2	70-130	0.4	-	
As	ug/L	<1.00	1.00	108.7 /	85-115			-		109.2 / 110.7	70-130	1.4	-	
Ba	ug/L	<1.00	1.00	105.3 /	85-115			-		101.6 / 102.0	70-130	0.2	-	
Be	ug/L	<1.00	1.00	109.6 /	85-115			-		110.1 / 112.4	70-130	2.0	-	
Cd	ug/L	<0.300	0.30	109.1 /	85-115			-		109.7 / 109.6	70-130	0.1	-	
Co	ug/L	<0.100	0.10	103.0 /	85-115			-		100.0 / 99.4	70-130	0.5	-	
Cr	ug/L	<1.00	1.00	106.8 /	85-115			-		105.6 / 105.4	70-130	0.2	-	
Cu	ug/L	<0.500	0.50	100.6 /	85-115			-		96.0 / 96.1	70-130	0.1	-	
Ni	ug/L	<0.500	0.50	101.2 /	85-115			-		96.9 / 97.5	70-130	0.6	-	
Pb	ug/L	<0.500	0.50	109.3 /	85-115			-		111.0 / 108.1	70-130	2.1	-	
Sb	ug/L	<2.00	2.00	115.0 /	85-115			-		112.2 / 112.2	70-130	0.1	-	
Se	ug/L	<5.00	5.00	110.5 /	85-115			-		112.6 / 113.1	70-130	0.5	-	
Tl	ug/L	<0.500	0.50	107.9 /	85-115			-		107.0 / 107.8	70-130	0.8	-	
V	ug/L	<0.200	0.20	104.7 /	85-115			-		103.9 / 104.0	70-130	0.1	-	
Zn	ug/L	<5.00	5.00	109.0 /	85-115			-		108.1 / 107.8	70-130	0.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250409-002**		**Parent Sample:**		**2025-0483**		
Ag	ug/L	<0.100	0.10	97.0 /	85-115		-			94.7 / 96.3	70-130	1.6	-	
As	ug/L	<1.00	1.00	105.8 /	85-115		-			108.5 / 109.7	70-130	1.1	-	
Ba	ug/L	<1.00	1.00	101.9 /	85-115		-			104.5 / 104.1	70-130	0.3	-	
Be	ug/L	<1.00	1.00	104.9 /	85-115		-			107.5 / 109.7	70-130	2.0	-	
Cd	ug/L	<0.300	0.30	107.1 /	85-115		-			109.2 / 109.5	70-130	0.2	-	
Co	ug/L	<0.100	0.10	101.8 /	85-115		-			97.8 / 97.6	70-130	0.2	-	
Cr	ug/L	<1.00	1.00	105.4 /	85-115		-			102.6 / 102.6	70-130	0.0	-	
Cu	ug/L	<0.500	0.50	98.6 /	85-115		-			92.1 / 92.9	70-130	0.6	-	
Ni	ug/L	<0.500	0.50	99.9 /	85-115		-			94.6 / 94.2	70-130	0.3	-	
Pb	ug/L	<0.500	0.50	109.0 /	85-115		-			134.0 / 158.6	70-130	1.8	-	
Sb	ug/L	<2.00	2.00	110.9 /	85-115		-			114.4 / 114.2	70-130	0.2	-	
Se	ug/L	<5.00	5.00	105.9 /	85-115		-			112.3 / 111.8	70-130	0.5	-	
Tl	ug/L	<0.500	0.50	107.0 /	85-115		-			108.0 / 108.2	70-130	0.2	-	
V	ug/L	<0.200	0.20	102.6 /	85-115		-			102.8 / 103.3	70-130	0.5	-	
Zn	ug/L	<5.00	5.00	107.9 /	85-115		-			-52.6 / 57.1	70-130	1.2	-	
		EPA 200.7					**Batch #:**	**AB-250409-004**		**Parent Sample:**		**2025-0444**		
Al	mg/L	<0.100	0.10	100.5 /	85-115		-			101.4 / 101.8	70-130	0.3	-	
Ca	mg/L	<1.00	1.00	107.8 /	85-115		-			101.3 / 99.2	70-130	0.5	-	
Fe	mg/L	<0.100	0.10	106.3 /	85-115		-			103.6 / 103.6	70-130	0.0	-	
K	mg/L	<1.00	1.00	102.1 /	85-115		-			104.3 / 104.3	70-130	0.0	-	
Mg	mg/L	<1.00	1.00	106.4 /	85-115		-			105.8 / 105.3	70-130	0.3	-	
Mn	mg/L	<0.0200	0.02	105.2 /	85-115		-			103.0 / 102.6	70-130	0.3	-	
Na	mg/L	<1.00	1.00	107.0 /	85-115		-			108.0 / 107.4	70-130	0.4	-	
P	mg/L	<1.00	1.00	105.6 /	85-115		-			107.6 / 107.8	70-130	0.2	-	
		EPA 200.7					**Batch #:**	**AB-250409-005**		**Parent Sample:**		**2025-0483**		
Al	mg/L	<0.100	0.10	92.6 /	85-115		-			96.4 / 88.7	70-130	8.2	-	
Ca	mg/L	<1.00	1.00	100.5 /	85-115		-			754.1 / 689.7	70-130	7.2	-	
Fe	mg/L	<0.100	0.10	98.2 /	85-115		-			101.0 / 83.1	70-130	7.4	-	
K	mg/L	<1.00	1.00	95.5 /	85-115		-			99.5 / 90.7	70-130	8.5	-	
Mg	mg/L	<1.00	1.00	99.1 /	85-115		-			100.0 / 91.2	70-130	8.2	-	
Mn	mg/L	<0.0200	0.02	97.7 /	85-115		-			97.8 / 89.4	70-130	7.7	-	
Na	mg/L	<1.00	1.00	98.7 /	85-115		-			102.9 / 92.3	70-130	8.5	-	
P	mg/L	<1.00	1.00	98.8 /	85-115		-			103.1 / 94.9	70-130	8.3	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250318-02 **Parent Sample** 2025-0482

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250318-052 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-02	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250318-052
Aliquot #	AB-250318-052 Dup - Field 3		**Parent Aliquot #**		2025-0483-1-02	
Ammonia as Nitrogen		0.90	mg/L	0.11	0 - 20	AB-250318-052
Aliquot #	AB-250319-001 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-11	
Turbidity		11.0	NTU	0.00	0 - 20	AB-250319-001
Aliquot #	AB-250319-001 Dup - Field 3		**Parent Aliquot #**		2025-0483-1-11	
Turbidity		21.0	NTU	0.48	0 - 20	AB-250319-001
Aliquot #	AB-250319-002 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-07	
Specific Conductance		370	uS/cm	0.00	0 - 20	AB-250319-002
Aliquot #	AB-250319-002 Dup - Field 3		**Parent Aliquot #**		2025-0483-1-07	
Specific Conductance		413	uS/cm	0.00	0 - 20	AB-250319-002
Aliquot #	AB-250319-006 Dup - Field 2		**Parent Aliquot #**		2025-0482-2-01	
Dissolved Organic Carbon		<1.00	mg/L	5.67	0 - 20	AB-250319-006
Aliquot #	AB-250319-006 Dup - Field 3		**Parent Aliquot #**		2025-0483-2-01	
Dissolved Organic Carbon		<1.00	mg/L	3.16	0 - 20	AB-250319-006
Aliquot #	AB-250319-008 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250319-008
Chloride		14.6	mg/L	0.16	0 - 20	AB-250319-008
Bromide		0.12	mg/L	2.43	0 - 20	AB-250319-008
Sulfate		2.50	mg/L	0.00	0 - 20	AB-250319-008
Aliquot #	AB-250319-008 Dup - Field 3		**Parent Aliquot #**		2025-0483-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250319-008
Chloride		7.25	mg/L	0.15	0 - 20	AB-250319-008
Bromide		0.16	mg/L	2.81	0 - 20	AB-250319-008
Sulfate		2.97	mg/L	3.74	0 - 20	AB-250319-008
Aliquot #	AB-250319-013 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-05	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250319-013
Aliquot #	AB-250319-013 Dup - Field 3		**Parent Aliquot #**		2025-0483-1-05	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250319-013
Aliquot #	AB-250319-015 Dup - Field 2		**Parent Aliquot #**		2025-0482-1-04	
Nitrite+Nitrate as Nitrogen		11.8	mg/L	1.72	0 - 20	AB-250319-015

Aliquot #	AB-250319-015 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-04		
Nitrite+Nitrate as Nitrogen		2.08	mg/L	3.31	0 - 20	AB-250319-015
Aliquot #	AB-250320-006 Dup - Field 2		**Parent Aliquot #**	2025-0482-1-01		
Alkalinity		117	mg/L	1.72	0 - 20	AB-250320-006
Aliquot #	AB-250320-006 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-01		
Alkalinity		195	mg/L	0.00	0 - 20	AB-250320-006
Aliquot #	AB-250320-008 Dup - Field 2		**Parent Aliquot #**	2025-0482-1-13		
Total Phosphorus		0.02	mg/L	4.54	0 - 20	AB-250320-008
Aliquot #	AB-250320-008 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-13		
Total Phosphorus		0.04	mg/L	0.91	0 - 20	AB-250320-008
Aliquot #	AB-250320-010 Dup - Field 2		**Parent Aliquot #**	2025-0482-1-12		
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-250320-010
Aliquot #	AB-250320-010 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-12		
Total Kjeldahl Nitrogen		1.19	mg/L	2.55	0 - 20	AB-250320-010
Aliquot #	AB-250324-004 Dup - Field 2		**Parent Aliquot #**	2025-0482-1-08		
Total Dissolved Solids		227	mg/L	1.78	0 - 5	AB-250324-004
Aliquot #	AB-250324-004 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-08		
Total Dissolved Solids		224	mg/L	3.51	0 - 5	AB-250324-004
Aliquot #	AB-250324-018 Dup - Field 2		**Parent Aliquot #**	2025-0482-1-10		
Total Suspended Solids		2.25	mg/L	20.00	0 - 5	AB-250324-018
Aliquot #	AB-250324-018 Dup - Field 3		**Parent Aliquot #**	2025-0483-1-10		
Total Suspended Solids		4.25	mg/L	11.11	0 - 5	AB-250324-018
Aliquot #	AB-250401-018 Dup - Field 1		**Parent Aliquot #**	2025-0482-1-06		
pH		6.94	units	0.00	0 - 20	AB-250401-018
Aliquot #	AB-250401-018 Dup - Field 2		**Parent Aliquot #**	2025-0483-1-06		
pH		7.84	units	0.00	0 - 20	AB-250401-018
Aliquot #	AB-250401-019 Dup - Field 1		**Parent Aliquot #**	2025-0482-1-09		
Water Temperature		16.6	°C	0.00	0 - 20	AB-250401-019
Aliquot #	AB-250401-019 Dup - Field 2		**Parent Aliquot #**	2025-0483-1-09		
Water Temperature		15.4	°C	0.00	0 - 20	AB-250401-019
Aliquot #	AB-250403-007 Dup - Field 4		**Parent Aliquot #**	2025-0482-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250403-007
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Barium		61.8	ug/L	0.03	0 - 20	AB-250403-007
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250403-007
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250403-007

Copper		46.1	ug/L	0.41	0 - 20	AB-250403-007
Lead		1.56	ug/L	17.13	0 - 20	AB-250403-007
Nickel		2.47	ug/L	0.67	0 - 20	AB-250403-007
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250403-007
Silver		<0.100	ug/L	0.00	0 - 20	AB-250403-007
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250403-007
Vanadium		0.271	ug/L	67.14	0 - 20	AB-250403-007
Zinc		152	ug/L	1.53	0 - 20	AB-250403-007
Aliquot #	AB-250403-007 Dup - Field 5		**Parent Aliquot #**		2025-0483-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250403-007
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Barium		15.6	ug/L	0.95	0 - 20	AB-250403-007
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Cadmium		0.360	ug/L	5.23	0 - 20	AB-250403-007
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250403-007
Cobalt		0.171	ug/L	0.67	0 - 20	AB-250403-007
Copper		1.88	ug/L	0.62	0 - 20	AB-250403-007
Lead		<0.500	ug/L	0.00	0 - 20	AB-250403-007
Nickel		1.19	ug/L	1.65	0 - 20	AB-250403-007
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250403-007
Silver		<0.100	ug/L	0.00	0 - 20	AB-250403-007
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250403-007
Vanadium		0.236	ug/L	98.14	0 - 20	AB-250403-007
Zinc		1640	ug/L	0.00	0 - 20	AB-250403-007
Aliquot #	AB-250403-009 Dup - Field 4		**Parent Aliquot #**		2025-0482-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250403-009
Calcium		57.9	mg/L	1.42	0 - 20	AB-250403-009
Iron		<0.100	mg/L	0.00	0 - 20	AB-250403-009
Magnesium		1.94	mg/L	0.77	0 - 20	AB-250403-009
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250403-009
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250403-009
Sodium		15.2	mg/L	0.07	0 - 20	AB-250403-009
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250403-009
Aliquot #	AB-250403-009 Dup - Field 5		**Parent Aliquot #**		2025-0483-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250403-009
Calcium		85.4	mg/L	0.23	0 - 20	AB-250403-009
Iron		<0.100	mg/L	0.00	0 - 20	AB-250403-009
Magnesium		1.14	mg/L	1.12	0 - 20	AB-250403-009
Manganese		0.0290	mg/L	1.39	0 - 20	AB-250403-009
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250403-009
Sodium		2.90	mg/L	1.38	0 - 20	AB-250403-009
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250403-009
Aliquot #	AB-250409-001 Dup - Field 5		**Parent Aliquot #**		2025-0482-4-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250409-001

Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250409-001
Barium		65.4	ug/L	6.20	0 - 20	AB-250409-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250409-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250409-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250409-001
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250409-001
Copper		77.3	ug/L	16.53	0 - 20	AB-250409-001
Lead		9.33	ug/L	171.43	0 - 20	AB-250409-001
Nickel		2.78	ug/L	43.80	0 - 20	AB-250409-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250409-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250409-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250409-001
Vanadium		0.292	ug/L	10.53	0 - 20	AB-250409-001
Zinc		176	ug/L	0.00	0 - 20	AB-250409-001

Aliquot #	AB-250409-002 Dup - Field 1		**Parent Aliquot #**	2025-0483-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250409-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250409-002
Barium		16.6	ug/L	0.80	0 - 20	AB-250409-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250409-002
Cadmium		1.14	ug/L	0.99	0 - 20	AB-250409-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250409-002
Cobalt		0.201	ug/L	0.26	0 - 20	AB-250409-002
Copper		11.4	ug/L	1.59	0 - 20	AB-250409-002
Lead		30.3	ug/L	0.00	0 - 20	AB-250409-002
Nickel		1.32	ug/L	2.14	0 - 20	AB-250409-002
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250409-002
Silver		<0.100	ug/L	0.00	0 - 20	AB-250409-002
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250409-002
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-250409-002
Zinc		2360	ug/L	0.00	0 - 20	AB-250409-002

Aliquot #	AB-250409-004 Dup - Field 5		**Parent Aliquot #**	2025-0482-4-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250409-004
Calcium		57.9	mg/L	4.16	0 - 20	AB-250409-004
Iron		1.04	mg/L	17.12	0 - 20	AB-250409-004
Magnesium		1.96	mg/L	1.87	0 - 20	AB-250409-004
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250409-004
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250409-004
Sodium		14.9	mg/L	1.02	0 - 20	AB-250409-004
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250409-004

Aliquot #	AB-250409-005 Dup - Field 1		**Parent Aliquot #**	2025-0483-4-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250409-005
Calcium		82.3	mg/L	1.88	0 - 20	AB-250409-005
Iron		1.47	mg/L	1.93	0 - 20	AB-250409-005
Magnesium		1.10	mg/L	1.04	0 - 20	AB-250409-005

Manganese	0.0283	mg/L	0.35	0 - 20	AB-250409-005
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250409-005
Sodium	2.71	mg/L	0.84	0 - 20	AB-250409-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250409-005