Analytical Results

Lab Contact Info:

ADEQ Laboratory and Monitoring Services
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Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2025 1562-1567

Date and Time Received: 8/19/2025 12:31:00

Work Order Number: WO-250819-03

Case Narrative:

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

Results with "P" qualifiers are more common for results at or below detection limit and cannot be validated.

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	2.6°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description
B+	Analyte is present at 50% of the MRL
P	Orthophosphate result > Total Phosphate result

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: BUR-6864-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 8/18/2025 15:40
Sample Barcode: Sample Number: 2025-1562

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

Aliquot #: 2025-1562-1-01 **Batch Number: AB-250821-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	144	mg/L		6.00	1	8/20/2025 15:41

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

Aliquot #: 2025-1562-1-02 **Batch Number: AB-250819-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/19/2025 16:54

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

Aliquot #: 2025-1562-1-03 **Batch Number: AB-250820-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/20/2025 20:38
Chloride	6.86	mg/L		0.50	1	8/20/2025 20:38
Bromide	0.13	mg/L		0.10	1	8/20/2025 20:38
Sulfate	2.72	mg/L		0.50	1	8/20/2025 20:38

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

Aliquot #: 2025-1562-1-04 **Batch Number: AB-250821-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.35	mg/L		0.05	1	8/19/2025 16:54

Analytical Results

Collector: Geological, Arkansas Site: BUR-6864-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 15:40

Sample Barcode: Sample Number: 2025-1562

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

Aliquot #: 2025-1562-1-05 **Batch Number: AB-250820-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	8/19/2025 16:54

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

Aliquot #: 2025-1562-1-06 **Batch Number: AB-250821-070**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.93	None			1	8/18/2025 15:40

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

Aliquot #: 2025-1562-1-07 **Batch Number: AB-250820-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	317	uS/cm		1.00	1	8/19/2025 17:30

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

Aliquot #: 2025-1562-1-08 **Batch Number: AB-250822-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	181	mg/L		10.00	1	8/21/2025 15:00

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

Aliquot #: 2025-1562-1-09 **Batch Number: AB-250821-071**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	21.1	°C			1	8/18/2025 15:40

Analytical Results

Collector: Geological, Arkansas Site: BUR-6864-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 15:40

Sample Barcode: Sample Number: 2025-1562

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

Aliquot #: 2025-1562-1-10 **Batch Number: AB-250822-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	67.0	mg/L		2.00	1	8/19/2025 15:15

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

Aliquot #: 2025-1562-1-11 **Batch Number: AB-250820-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	36.9	NTU		0.05	1	8/19/2025 17:30

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

Aliquot #: 2025-1562-1-12 **Batch Number: AB-250821-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.99	mg/L	B+	0.10	1	8/21/2025 8:49
Total Nitrogen from Lachat	2.34	mg/L	B+	0.10	1	8/21/2025 8:49

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

Aliquot #: 2025-1562-1-13 **Batch Number: AB-250821-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.16	mg/L		0.02	1	8/21/2025 8:49

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

Aliquot #: 2025-1562-2-01 **Batch Number: AB-250820-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/21/2025 4:48

Analytical Results

Collector: Geological, Arkansas Site: BUR-6864-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 15:40

Sample Barcode: Sample Number: 2025-1562

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

Aliquot #: 2025-1562-3-01 **Batch Number: AB-250825-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 12:26
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 12:26
Barium	20.6	ug/L		1.00	1	8/25/2025 12:26
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 12:26
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 12:26
Chromium	1.18	ug/L		1.00	1	8/25/2025 12:26
Cobalt	1.05	ug/L		0.10	1	8/25/2025 12:26
Copper	0.644	ug/L		0.50	1	8/25/2025 12:26
Lead	<0.500	ug/L		0.50	1	8/25/2025 12:26
Nickel	4.85	ug/L		0.50	1	8/25/2025 12:26
Selenium	<5.00	ug/L		5.00	1	8/25/2025 12:26
Silver	<0.100	ug/L		0.10	1	8/25/2025 12:26
Thallium	<0.500	ug/L		0.50	1	8/25/2025 12:26
Vanadium	0.349	ug/L		0.20	1	8/25/2025 12:26
Zinc	62.7	ug/L		25.00	5	8/25/2025 15:15

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

Aliquot #: 2025-1562-3-02 **Batch Number: AB-250825-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:07
Calcium	53.0	mg/L		5.00	5	8/25/2025 11:14
Iron	0.312	mg/L		0.10	1	8/25/2025 10:07
Magnesium	1.36	mg/L		1.00	1	8/25/2025 10:07
Manganese	0.0634	mg/L		0.02	1	8/25/2025 10:07
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:07
Sodium	5.15	mg/L		1.00	1	8/25/2025 10:07
Hardness	138	mg/L		1.00	1	8/25/2025 11:14
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:07

Analytical Results

Collector: Geological, Arkansas Site: BUR-6864-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 8/18/2025 15:40
Sample Number: 2025-1562

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

Aliquot #: 2025-1562-4-01 **Batch Number: AB-250827-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 11:10
Arsenic	1.63	ug/L		1.00	1	8/27/2025 11:10
Barium	24.4	ug/L		1.00	1	8/27/2025 11:10
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 11:10
Cadmium	0.727	ug/L		0.30	1	8/27/2025 11:10
Chromium	2.74	ug/L		1.00	1	8/27/2025 11:10
Cobalt	4.07	ug/L		0.10	1	8/27/2025 11:10
Copper	21.3	ug/L		0.50	1	8/27/2025 11:10
Lead	8.49	ug/L		2.50	5	8/27/2025 13:35
Nickel	19.7	ug/L		0.50	1	8/27/2025 11:10
Selenium	<5.00	ug/L		5.00	1	8/27/2025 11:10
Silver	<0.100	ug/L		0.10	1	8/27/2025 11:10
Thallium	<0.500	ug/L		0.50	1	8/27/2025 11:10
Vanadium	1.72	ug/L		0.20	1	8/27/2025 11:10
Zinc	130	ug/L		25.00	5	8/27/2025 13:35

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

Aliquot #: 2025-1562-4-02 **Batch Number: AB-250826-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.151	mg/L		0.10	1	8/26/2025 9:47
Calcium	65.3	mg/L		5.00	5	8/26/2025 10:46
Iron	1.80	mg/L		0.10	1	8/26/2025 9:47
Magnesium	3.51	mg/L		1.00	1	8/26/2025 9:47
Manganese	0.302	mg/L		0.02	1	8/26/2025 9:47
Potassium	<1.00	mg/L		1.00	1	8/26/2025 9:47
Sodium	6.06	mg/L		1.00	1	8/26/2025 9:47
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 9:47

Analytical Results

Collector: Geological, Arkansas Site: JC-6245-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:05

Sample Barcode: Sample Number: 2025-1563

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

Aliquot #: 2025-1563-1-01 **Batch Number: AB-250821-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	92.8	mg/L		6.00	1	8/20/2025 15:42

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

Aliquot #: 2025-1563-1-02 **Batch Number: AB-250819-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/19/2025 16:56

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

Aliquot #: 2025-1563-1-03 **Batch Number: AB-250820-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/20/2025 20:47
Chloride	3.71	mg/L		0.50	1	8/20/2025 20:47
Bromide	<0.10	mg/L		0.10	1	8/20/2025 20:47
Sulfate	1.35	mg/L		0.50	1	8/20/2025 20:47

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

Aliquot #: 2025-1563-1-04 **Batch Number: AB-250821-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.31	mg/L		0.05	1	8/19/2025 16:56

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

Aliquot #: 2025-1563-1-05 **Batch Number: AB-250820-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L	P	0.02	1	8/19/2025 16:56

Analytical Results

Collector: Geological, Arkansas Site: JC-6245-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:05

Sample Barcode: Sample Number: 2025-1563

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

Aliquot #: 2025-1563-1-06 **Batch Number: AB-250821-070**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.75	None			1	8/18/2025 16:05

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

Aliquot #: 2025-1563-1-07 **Batch Number: AB-250820-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	223	uS/cm		1.00	1	8/19/2025 17:31

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

Aliquot #: 2025-1563-1-08 **Batch Number: AB-250822-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	139	mg/L		10.00	1	8/21/2025 15:00

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

Aliquot #: 2025-1563-1-09 **Batch Number: AB-250821-071**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	19.3	°C			1	8/18/2025 16:05

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

Aliquot #: 2025-1563-1-10 **Batch Number: AB-250822-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/19/2025 15:15

Analytical Results

Collector: Geological, Arkansas Site: JC-6245-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:05

Sample Barcode: Sample Number: 2025-1563

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

Aliquot #: 2025-1563-1-11 **Batch Number: AB-250820-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.58	NTU		0.05	1	8/19/2025 17:31

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

Aliquot #: 2025-1563-1-12 **Batch Number: AB-250821-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L	B+	0.10	1	8/21/2025 8:53
Total Nitrogen from Lachat	3.38	mg/L	B+	0.10	1	8/21/2025 8:53

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

Aliquot #: 2025-1563-1-13 **Batch Number: AB-250821-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	8/21/2025 8:53

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

Aliquot #: 2025-1563-2-01 **Batch Number: AB-250820-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/21/2025 5:32

Analytical Results

Collector: Geological, Arkansas Site: JC-6245-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 8/18/2025 16:05
Sample Number: 2025-1563

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

Aliquot #: 2025-1563-3-01 **Batch Number: AB-250825-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 12:30
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 12:30
Barium	22.1	ug/L		1.00	1	8/25/2025 12:30
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 12:30
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 12:30
Chromium	<1.00	ug/L		1.00	1	8/25/2025 12:30
Cobalt	<0.100	ug/L		0.10	1	8/25/2025 12:30
Copper	0.796	ug/L		0.50	1	8/25/2025 12:30
Lead	<0.500	ug/L		0.50	1	8/25/2025 12:30
Nickel	<0.500	ug/L		0.50	1	8/25/2025 12:30
Selenium	<5.00	ug/L		5.00	1	8/25/2025 12:30
Silver	<0.100	ug/L		0.10	1	8/25/2025 12:30
Thallium	<0.500	ug/L		0.50	1	8/25/2025 12:30
Vanadium	0.283	ug/L		0.20	1	8/25/2025 12:30
Zinc	7.68	ug/L		5.00	1	8/25/2025 12:30

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

Aliquot #: 2025-1563-3-02 **Batch Number: AB-250825-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:08
Calcium	41.2	mg/L		1.00	1	8/25/2025 10:08
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:08
Magnesium	<1.00	mg/L		1.00	1	8/25/2025 10:08
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:08
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:08
Sodium	3.71	mg/L		1.00	1	8/25/2025 10:08
Hardness	106	mg/L		1.00	1	8/25/2025 10:08
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:08

Analytical Results

Collector: Geological, Arkansas Site: JC-6245-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:05

Sample Barcode: Sample Number: 2025-1563

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

Aliquot #: 2025-1563-4-01 **Batch Number: AB-250827-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 11:30
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 11:30
Barium	22.3	ug/L		1.00	1	8/27/2025 11:30
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 11:30
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 11:30
Chromium	<1.00	ug/L		1.00	1	8/27/2025 11:30
Cobalt	<0.100	ug/L		0.10	1	8/27/2025 11:30
Copper	0.859	ug/L		0.50	1	8/27/2025 11:30
Lead	<0.500	ug/L		0.50	1	8/27/2025 11:30
Nickel	<0.500	ug/L		0.50	1	8/27/2025 11:30
Selenium	<5.00	ug/L		5.00	1	8/27/2025 11:30
Silver	<0.100	ug/L		0.10	1	8/27/2025 11:30
Thallium	<0.500	ug/L		0.50	1	8/27/2025 11:30
Vanadium	0.273	ug/L		0.20	1	8/27/2025 11:30
Zinc	7.41	ug/L		5.00	1	8/27/2025 11:30

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

Aliquot #: 2025-1563-4-02 **Batch Number: AB-250826-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 9:55
Calcium	43.6	mg/L		1.00	1	8/26/2025 9:55
Iron	<0.100	mg/L		0.10	1	8/26/2025 9:55
Magnesium	<1.00	mg/L		1.00	1	8/26/2025 9:55
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 9:55
Potassium	<1.00	mg/L		1.00	1	8/26/2025 9:55
Sodium	4.06	mg/L		1.00	1	8/26/2025 9:55
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 9:55

Analytical Results

Collector: Geological, Arkansas Site: RL-6217-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:30

Sample Barcode: Sample Number: 2025-1564

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

Aliquot #: 2025-1564-1-01 **Batch Number: AB-250821-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	90.7	mg/L		6.00	1	8/20/2025 15:44

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

Aliquot #: 2025-1564-1-02 **Batch Number: AB-250819-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/19/2025 16:58

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

Aliquot #: 2025-1564-1-03 **Batch Number: AB-250820-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/20/2025 21:23
Chloride	3.87	mg/L		0.50	1	8/20/2025 21:23
Bromide	<0.10	mg/L		0.10	1	8/20/2025 21:23
Sulfate	1.25	mg/L		0.50	1	8/20/2025 21:23

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

Aliquot #: 2025-1564-1-04 **Batch Number: AB-250821-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.39	mg/L		0.05	1	8/19/2025 16:58

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

Aliquot #: 2025-1564-1-05 **Batch Number: AB-250820-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L	P	0.02	1	8/19/2025 16:58

Analytical Results

Collector: Geological, Arkansas Site: RL-6217-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:30

Sample Barcode: Sample Number: 2025-1564

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

Aliquot #: 2025-1564-1-06 **Batch Number: AB-250821-070**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.57	None			1	8/18/2025 16:30

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

Aliquot #: 2025-1564-1-07 **Batch Number: AB-250820-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	220	uS/cm		1.00	1	8/19/2025 17:36

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

Aliquot #: 2025-1564-1-08 **Batch Number: AB-250822-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	140	mg/L		10.00	1	8/21/2025 15:00

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

Aliquot #: 2025-1564-1-09 **Batch Number: AB-250821-071**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.4	°C			1	8/18/2025 16:30

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

Aliquot #: 2025-1564-1-10 **Batch Number: AB-250822-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/19/2025 15:15

Analytical Results

Collector: Geological, Arkansas Site: RL-6217-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:30

Sample Barcode: Sample Number: 2025-1564

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

Aliquot #: 2025-1564-1-11 **Batch Number: AB-250820-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.33	NTU		0.05	1	8/19/2025 17:36

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

Aliquot #: 2025-1564-1-12 **Batch Number: AB-250821-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L	B+	0.10	1	8/21/2025 8:55
Total Nitrogen from Lachat	3.38	mg/L	B+	0.10	1	8/21/2025 8:55

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

Aliquot #: 2025-1564-1-13 **Batch Number: AB-250821-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	8/21/2025 8:55

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

Aliquot #: 2025-1564-2-01 **Batch Number: AB-250820-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/21/2025 6:00

Analytical Results

Collector: Geological, Arkansas Site: RL-6217-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 16:30

Sample Barcode: Sample Number: 2025-1564

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

Aliquot #: 2025-1564-3-01 **Batch Number: AB-250825-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 12:58
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 12:58
Barium	23.5	ug/L		1.00	1	8/25/2025 12:58
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 12:58
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 12:58
Chromium	<1.00	ug/L		1.00	1	8/25/2025 12:58
Cobalt	<0.100	ug/L		0.10	1	8/25/2025 12:58
Copper	7.48	ug/L		0.50	1	8/25/2025 12:58
Lead	0.503	ug/L		0.50	1	8/25/2025 12:58
Nickel	<0.500	ug/L		0.50	1	8/25/2025 12:58
Selenium	<5.00	ug/L		5.00	1	8/25/2025 12:58
Silver	<0.100	ug/L		0.10	1	8/25/2025 12:58
Thallium	<0.500	ug/L		0.50	1	8/25/2025 12:58
Vanadium	0.354	ug/L		0.20	1	8/25/2025 12:58
Zinc	15.4	ug/L		5.00	1	8/25/2025 12:58

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

Aliquot #: 2025-1564-3-02 **Batch Number: AB-250825-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:20
Calcium	37.4	mg/L		1.00	1	8/25/2025 10:20
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:20
Magnesium	<1.00	mg/L		1.00	1	8/25/2025 10:20
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:20
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:20
Sodium	3.70	mg/L		1.00	1	8/25/2025 10:20
Hardness	96.6	mg/L		1.00	1	8/25/2025 10:20
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:20

Analytical Results

Collector: Geological, Arkansas Site: RL-6217-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 8/18/2025 16:30
Sample Number: 2025-1564

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

Aliquot #: 2025-1564-4-01 **Batch Number: AB-250827-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 11:14
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 11:14
Barium	24.7	ug/L		1.00	1	8/27/2025 11:14
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 11:14
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 11:14
Chromium	<1.00	ug/L		1.00	1	8/27/2025 11:14
Cobalt	<0.100	ug/L		0.10	1	8/27/2025 11:14
Copper	9.34	ug/L		0.50	1	8/27/2025 11:14
Lead	0.644	ug/L		0.50	1	8/27/2025 11:14
Nickel	<0.500	ug/L		0.50	1	8/27/2025 11:14
Selenium	<5.00	ug/L		5.00	1	8/27/2025 11:14
Silver	<0.100	ug/L		0.10	1	8/27/2025 11:14
Thallium	<0.500	ug/L		0.50	1	8/27/2025 11:14
Vanadium	0.337	ug/L		0.20	1	8/27/2025 11:14
Zinc	14.0	ug/L		5.00	1	8/27/2025 11:14

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

Aliquot #: 2025-1564-4-02 **Batch Number: AB-250826-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 9:49
Calcium	40.2	mg/L		1.00	1	8/26/2025 9:49
Iron	<0.100	mg/L		0.10	1	8/26/2025 9:49
Magnesium	<1.00	mg/L		1.00	1	8/26/2025 9:49
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 9:49
Potassium	<1.00	mg/L		1.00	1	8/26/2025 9:49
Sodium	4.13	mg/L		1.00	1	8/26/2025 9:49
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 9:49

Analytical Results

Collector: Geological, Arkansas Site: JH-16608-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:14

Sample Barcode: Sample Number: 2025-1565

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

Aliquot #: 2025-1565-1-01 **Batch Number: AB-250821-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	216	mg/L		6.00	1	8/20/2025 15:45

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

Aliquot #: 2025-1565-1-02 **Batch Number: AB-250819-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/19/2025 16:59

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

Aliquot #: 2025-1565-1-03 **Batch Number: AB-250820-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/20/2025 21:32
Chloride	4.17	mg/L		0.50	1	8/20/2025 21:32
Bromide	0.14	mg/L		0.10	1	8/20/2025 21:32
Sulfate	16.1	mg/L		0.50	1	8/20/2025 21:32

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

Aliquot #: 2025-1565-1-04 **Batch Number: AB-250821-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.51	mg/L		0.05	1	8/19/2025 16:59

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

Aliquot #: 2025-1565-1-05 **Batch Number: AB-250820-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L	P	0.02	1	8/19/2025 16:59

Analytical Results

Collector: Geological, Arkansas Site: JH-16608-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:14

Sample Barcode: Sample Number: 2025-1565

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

Aliquot #: 2025-1565-1-06 **Batch Number: AB-250821-070**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.25	None			1	8/18/2025 17:14

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

Aliquot #: 2025-1565-1-07 **Batch Number: AB-250820-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	460	uS/cm		1.00	1	8/19/2025 17:39

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

Aliquot #: 2025-1565-1-08 **Batch Number: AB-250822-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	274	mg/L		10.00	1	8/21/2025 15:00

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

Aliquot #: 2025-1565-1-09 **Batch Number: AB-250821-071**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	24.1	°C			1	8/18/2025 17:14

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

Aliquot #: 2025-1565-1-10 **Batch Number: AB-250822-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/19/2025 15:15

Analytical Results

Collector: Geological, Arkansas Site: JH-16608-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:14

Sample Barcode: Sample Number: 2025-1565

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

Aliquot #: 2025-1565-1-11 **Batch Number: AB-250820-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.32	NTU		0.05	1	8/19/2025 17:39

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

Aliquot #: 2025-1565-1-12 **Batch Number: AB-250821-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L	B+	0.10	1	8/21/2025 8:57
Total Nitrogen from Lachat	0.50	mg/L	B+	0.10	1	8/21/2025 8:57

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

Aliquot #: 2025-1565-1-13 **Batch Number: AB-250821-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	8/21/2025 8:57

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

Aliquot #: 2025-1565-2-01 **Batch Number: AB-250820-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/21/2025 6:15

Analytical Results

Collector: Geological, Arkansas Site: JH-16608-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:14

Sample Barcode: Sample Number: 2025-1565

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

Aliquot #: 2025-1565-3-01 **Batch Number: AB-250825-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 13:02
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 13:02
Barium	24.2	ug/L		1.00	1	8/25/2025 13:02
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 13:02
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 13:02
Chromium	<1.00	ug/L		1.00	1	8/25/2025 13:02
Cobalt	0.799	ug/L		0.10	1	8/25/2025 13:02
Copper	5.40	ug/L		0.50	1	8/25/2025 13:02
Lead	<0.500	ug/L		0.50	1	8/25/2025 13:02
Nickel	21.8	ug/L		0.50	1	8/25/2025 13:02
Selenium	<5.00	ug/L		5.00	1	8/25/2025 13:02
Silver	<0.100	ug/L		0.10	1	8/25/2025 13:02
Thallium	<0.500	ug/L		0.50	1	8/25/2025 13:02
Vanadium	<0.200	ug/L		0.20	1	8/25/2025 13:02
Zinc	37.3	ug/L		5.00	1	8/25/2025 13:02

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

Aliquot #: 2025-1565-3-02 **Batch Number: AB-250825-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:21
Calcium	85.6	mg/L		5.00	5	8/25/2025 11:16
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:21
Magnesium	1.40	mg/L		1.00	1	8/25/2025 10:21
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:21
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:21
Sodium	3.52	mg/L		1.00	1	8/25/2025 10:21
Hardness	219	mg/L		1.00	1	8/25/2025 11:16
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:21

Analytical Results

Collector: Geological, Arkansas Site: JH-16608-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:14

Sample Barcode: Sample Number: 2025-1565

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

Aliquot #: 2025-1565-4-01 **Batch Number: AB-250827-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 11:54
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 11:54
Barium	25.8	ug/L		1.00	1	8/27/2025 11:54
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 11:54
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 11:54
Chromium	<1.00	ug/L		1.00	1	8/27/2025 11:54
Cobalt	0.849	ug/L		0.10	1	8/27/2025 11:54
Copper	5.38	ug/L		0.50	1	8/27/2025 11:54
Lead	<0.500	ug/L		0.50	1	8/27/2025 11:54
Nickel	23.4	ug/L		0.50	1	8/27/2025 11:54
Selenium	<5.00	ug/L		5.00	1	8/27/2025 11:54
Silver	<0.100	ug/L		0.10	1	8/27/2025 11:54
Thallium	<0.500	ug/L		0.50	1	8/27/2025 11:54
Vanadium	<0.200	ug/L		0.20	1	8/27/2025 11:54
Zinc	32.0	ug/L		5.00	1	8/27/2025 11:54

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

Aliquot #: 2025-1565-4-02 **Batch Number: AB-250826-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 10:05
Calcium	96.4	mg/L		5.00	5	8/26/2025 10:48
Iron	<0.100	mg/L		0.10	1	8/26/2025 10:05
Magnesium	1.60	mg/L		1.00	1	8/26/2025 10:05
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 10:05
Potassium	<1.00	mg/L		1.00	1	8/26/2025 10:05
Sodium	4.07	mg/L		1.00	1	8/26/2025 10:05
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 10:05

Analytical Results

Collector: Geological, Arkansas Site: JH-16616-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:37

Sample Barcode: Sample Number: 2025-1566

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

Aliquot #: 2025-1566-1-01 **Batch Number: AB-250821-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	183	mg/L		6.00	1	8/20/2025 15:46

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

Aliquot #: 2025-1566-1-02 **Batch Number: AB-250819-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/19/2025 17:00

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

Aliquot #: 2025-1566-1-03 **Batch Number: AB-250820-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/20/2025 21:41
Chloride	2.77	mg/L		0.50	1	8/20/2025 21:41
Bromide	0.11	mg/L		0.10	1	8/20/2025 21:41
Sulfate	9.44	mg/L		0.50	1	8/20/2025 21:41

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

Aliquot #: 2025-1566-1-04 **Batch Number: AB-250821-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.58	mg/L		0.05	1	8/19/2025 17:00

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

Aliquot #: 2025-1566-1-05 **Batch Number: AB-250820-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L	P	0.02	1	8/19/2025 17:00

Analytical Results

Collector: Geological, Arkansas Site: JH-16616-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:37

Sample Barcode: Sample Number: 2025-1566

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

Aliquot #: 2025-1566-1-06 **Batch Number: AB-250821-070**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.43	None			1	8/18/2025 17:37

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

Aliquot #: 2025-1566-1-07 **Batch Number: AB-250820-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	380	uS/cm		1.00	1	8/19/2025 17:41

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

Aliquot #: 2025-1566-1-08 **Batch Number: AB-250822-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	220	mg/L		10.00	1	8/21/2025 15:00

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

Aliquot #: 2025-1566-1-09 **Batch Number: AB-250821-071**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.8	°C			1	8/18/2025 17:37

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

Aliquot #: 2025-1566-1-10 **Batch Number: AB-250822-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/19/2025 15:15

Analytical Results

Collector: Geological, Arkansas Site: JH-16616-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:37

Sample Barcode: Sample Number: 2025-1566

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

Aliquot #: 2025-1566-1-11 **Batch Number: AB-250820-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.30	NTU		0.05	1	8/19/2025 17:41

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

Aliquot #: 2025-1566-1-12 **Batch Number: AB-250821-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L	B+	0.10	1	8/21/2025 8:58
Total Nitrogen from Lachat	0.57	mg/L	B+	0.10	1	8/21/2025 8:58

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

Aliquot #: 2025-1566-1-13 **Batch Number: AB-250821-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	8/21/2025 8:58

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

Aliquot #: 2025-1566-2-01 **Batch Number: AB-250820-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/21/2025 6:30

Analytical Results

Collector: Geological, Arkansas Site: JH-16616-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 8/18/2025 17:37

Sample Barcode: Sample Number: 2025-1566

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

Aliquot #: 2025-1566-3-01 **Batch Number: AB-250825-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 13:06
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 13:06
Barium	25.4	ug/L		1.00	1	8/25/2025 13:06
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 13:06
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 13:06
Chromium	<1.00	ug/L		1.00	1	8/25/2025 13:06
Cobalt	<0.100	ug/L		0.10	1	8/25/2025 13:06
Copper	1.03	ug/L		0.50	1	8/25/2025 13:06
Lead	<0.500	ug/L		0.50	1	8/25/2025 13:06
Nickel	2.50	ug/L		0.50	1	8/25/2025 13:06
Selenium	<5.00	ug/L		5.00	1	8/25/2025 13:06
Silver	<0.100	ug/L		0.10	1	8/25/2025 13:06
Thallium	<0.500	ug/L		0.50	1	8/25/2025 13:06
Vanadium	<0.200	ug/L		0.20	1	8/25/2025 13:06
Zinc	11.6	ug/L		5.00	1	8/25/2025 13:06

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

Aliquot #: 2025-1566-3-02 **Batch Number: AB-250825-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:23
Calcium	70.6	mg/L		5.00	5	8/25/2025 11:17
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:23
Magnesium	1.20	mg/L		1.00	1	8/25/2025 10:23
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:23
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:23
Sodium	2.62	mg/L		1.00	1	8/25/2025 10:23
Hardness	181	mg/L		1.00	1	8/25/2025 11:17
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:23

Analytical Results

Collector: Geological, Arkansas Site: JH-16616-W01 **Work Order Number: WO-250819-03**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 8/18/2025 17:37
Sample Number: 2025-1566

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

Aliquot #: 2025-1566-4-01 **Batch Number: AB-250827-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 11:58
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 11:58
Barium	26.4	ug/L		1.00	1	8/27/2025 11:58
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 11:58
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 11:58
Chromium	<1.00	ug/L		1.00	1	8/27/2025 11:58
Cobalt	<0.100	ug/L		0.10	1	8/27/2025 11:58
Copper	1.18	ug/L		0.50	1	8/27/2025 11:58
Lead	<0.500	ug/L		0.50	1	8/27/2025 11:58
Nickel	2.80	ug/L		0.50	1	8/27/2025 11:58
Selenium	<5.00	ug/L		5.00	1	8/27/2025 11:58
Silver	<0.100	ug/L		0.10	1	8/27/2025 11:58
Thallium	<0.500	ug/L		0.50	1	8/27/2025 11:58
Vanadium	<0.200	ug/L		0.20	1	8/27/2025 11:58
Zinc	12.1	ug/L		5.00	1	8/27/2025 11:58

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

Aliquot #: 2025-1566-4-02 **Batch Number: AB-250826-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 10:06
Calcium	78.2	mg/L		5.00	5	8/26/2025 10:50
Iron	<0.100	mg/L		0.10	1	8/26/2025 10:06
Magnesium	1.35	mg/L		1.00	1	8/26/2025 10:06
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 10:06
Potassium	<1.00	mg/L		1.00	1	8/26/2025 10:06
Sodium	3.00	mg/L		1.00	1	8/26/2025 10:06
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 10:06

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250819-03**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 8/18/2025 17:30
Sample Number: 2025-1567

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

Aliquot #: 2025-1567-1-01 | **Batch Number: AB-250825-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 13:10
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 13:10
Barium	<1.00	ug/L		1.00	1	8/25/2025 13:10
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 13:10
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 13:10
Chromium	<1.00	ug/L		1.00	1	8/25/2025 13:10
Cobalt	<0.100	ug/L		0.10	1	8/25/2025 13:10
Copper	<0.500	ug/L		0.50	1	8/25/2025 13:10
Lead	<0.500	ug/L		0.50	1	8/25/2025 13:10
Nickel	<0.500	ug/L		0.50	1	8/25/2025 13:10
Selenium	<5.00	ug/L		5.00	1	8/25/2025 13:10
Silver	<0.100	ug/L		0.10	1	8/25/2025 13:10
Thallium	<0.500	ug/L		0.50	1	8/25/2025 13:10
Vanadium	<0.200	ug/L		0.20	1	8/25/2025 13:10
Zinc	9.52	ug/L		5.00	1	8/25/2025 13:10

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

Aliquot #: 2025-1567-1-02 | **Batch Number: AB-250825-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:24
Calcium	<1.00	mg/L		1.00	1	8/25/2025 10:24
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:24
Magnesium	<1.00	mg/L		1.00	1	8/25/2025 10:24
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:24
Potassium	<1.00	mg/L		1.00	1	8/25/2025 10:24
Sodium	<1.00	mg/L		1.00	1	8/25/2025 10:24
Hardness	1.81	mg/L		1.00	1	8/25/2025 10:24
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:24

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 1562-1567 Date and Time Received: 8/19/2025 12:31:00

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-250819-001**		**Parent Sample:**		**2025-1553**		
	mg/L	<0.03	0.03	111.5 /	80-120			-		101.8 / 104.0	80-120	2.1	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250820-001**		**Parent Sample:**				
	NTU	<0.05	0.05	103.6 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250820-004**		**Parent Sample:**				
	uS/cm	<1.00	1.00	99.6 /	95-105			-		/	-		-	
		SM 5310 C, 2014					**Batch #:**	**AB-250820-008**		**Parent Sample:**		**2025-1553**		
	mg/L	<1.00	1,000.00	95.8 /	85-115			-		71.2 / 72.2	80-120	0.8	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250820-012**		**Parent Sample:**		**2025-1553**		
Br	mg/L	<0.10	0.10	95.7 /	90-110			-		842.4 / 840.5	80-120	0.2	-	
Cl	mg/L	<0.50	0.50	101.1 /	90-110			-		5,208.0 / 5,206.9	80-120	0.0	-	
F	mg/L	<0.10	0.10	100.2 /	90-110			-		95.8 / 95.7	80-120	0.1	-	
SO4	mg/L	<0.50	0.50	101.0 /	90-110			-		102.7 / 103.9	80-120	0.8	-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250820-020**		**Parent Sample:**		**2025-1553**		
	mg/L	<0.02	0.02	106.5 /	80-120			-		98.4 / 99.9	80-120	1.5	-	
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250821-003**		**Parent Sample:**		**2025-1553**		
	mg/L	<0.05	0.05	99.7 /	80-120			-		95.3 / 96.7	80-120	1.3	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250821-007**		**Parent Sample:**				
	mg/L	<6.00	6.00	101.1 /	90-110			-		/	-		-	
		SM 4500-P G, 2021					**Batch #:**	**AB-250821-011**		**Parent Sample:**		**2025-1553**		
	mg/L	<0.02	0.02	93.5 /	80-120			-		89.8 / 90.3	80-120	0.5	-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250821-015**		**Parent Sample:**		**2025-1553**		
	mg/L	<0.10	0.10	94.8 /	80-120			-		98.4 / 93.4	80-120	4.1	-	B+
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250822-003**		**Parent Sample:**				
	mg/L	<2.00	2.00	94.5 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250822-008**		**Parent Sample:**				
	mg/L	<10.0	10.00	108.5 /	90-110			-		/	-		-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250825-001**		**Parent Sample:**		**2025-1491**		
Ag	ug/L	<0.100	0.10	87.7 /	85-115			-		84.4 / 83.0	70-130	1.7	-	

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	100.3 /	85-115		-			96.1 / 94.5	70-130	1.6	-	
Ba	ug/L	<1.00	1.00	94.9 /	85-115		-			88.8 / 89.1	70-130	0.2	-	
Be	ug/L	<1.00	1.00	101.5 /	85-115		-			97.4 / 98.2	70-130	0.8	-	
Cd	ug/L	<0.300	0.30	97.8 /	85-115		-			92.9 / 92.3	70-130	0.6	-	
Co	ug/L	<0.100	0.10	95.8 /	85-115		-			90.3 / 88.7	70-130	1.7	-	
Cr	ug/L	<1.00	1.00	98.6 /	85-115		-			94.4 / 91.8	70-130	2.7	-	
Cu	ug/L	<0.500	0.50	92.2 /	85-115		-			87.3 / 85.2	70-130	2.4	-	
Ni	ug/L	<0.500	0.50	93.8 /	85-115		-			88.0 / 86.6	70-130	1.6	-	
Pb	ug/L	<0.500	0.50	103.9 /	85-115		-			97.3 / 97.4	70-130	0.1	-	
Sb	ug/L	<2.00	2.00	102.1 /	85-115		-			98.6 / 97.2	70-130	1.5	-	
Se	ug/L	<5.00	5.00	101.0 /	85-115		-			98.8 / 97.1	70-130	1.8	-	
Tl	ug/L	<0.500	0.50	101.0 /	85-115		-			95.1 / 94.6	70-130	0.6	-	
V	ug/L	<0.200	0.20	97.8 /	85-115		-			92.8 / 91.8	70-130	1.1	-	
Zn	ug/L	<5.00	5.00	100.4 /	85-115		-			95.8 / 94.5	70-130	1.1	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250825-002**		**Parent Sample:**		**2025-1572**		
Ag	ug/L	<0.100	0.10	90.7 /	85-115		-			83.9 / 84.5	70-130	0.7	-	
As	ug/L	<1.00	1.00	99.9 /	85-115		-			97.1 / 96.9	70-130	0.2	-	
Ba	ug/L	<1.00	1.00	94.8 /	85-115		-			90.1 / 89.2	70-130	0.3	-	
Be	ug/L	<1.00	1.00	99.4 /	85-115		-			99.2 / 98.8	70-130	0.4	-	
Cd	ug/L	<0.300	0.30	98.0 /	85-115		-			94.6 / 95.2	70-130	0.6	-	
Co	ug/L	<0.100	0.10	95.7 /	85-115		-			89.5 / 89.7	70-130	0.2	-	
Cr	ug/L	<1.00	1.00	99.0 /	85-115		-			94.4 / 94.8	70-130	0.4	-	
Cu	ug/L	<0.500	0.50	93.0 /	85-115		-			83.6 / 84.3	70-130	0.8	-	
Ni	ug/L	<0.500	0.50	94.7 /	85-115		-			86.7 / 86.6	70-130	0.1	-	
Pb	ug/L	<0.500	0.50	103.6 /	85-115		-			101.1 / 100.3	70-130	0.8	-	
Sb	ug/L	<2.00	2.00	103.0 /	85-115		-			100.1 / 101.2	70-130	1.1	-	
Se	ug/L	<5.00	5.00	101.5 /	85-115		-			99.3 / 97.7	70-130	1.6	-	
Tl	ug/L	<0.500	0.50	102.1 /	85-115		-			100.7 / 100.3	70-130	0.4	-	
V	ug/L	<0.200	0.20	99.1 /	85-115		-			94.3 / 95.2	70-130	0.7	-	
Zn	ug/L	<5.00	5.00	101.2 /	85-115		-			95.6 / 96.6	70-130	1.1	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250825-003**		**Parent Sample:**		**2025-1491**		
Al	mg/L	<0.100	0.10	98.2 /	85-115		-			95.6 / 93.6	70-131	2.1	-	
Ca	mg/L	<1.00	1.00	100.1 /	85-115		-			96.9 / 95.1	70-131	1.4	-	
Fe	mg/L	<0.100	0.10	99.7 /	85-115		-			96.3 / 94.1	70-131	1.6	-	
K	mg/L	<1.00	1.00	97.3 /	85-115		-			96.8 / 95.3	70-131	1.1	-	
Mg	mg/L	<1.00	1.00	100.9 /	85-115		-			97.0 / 95.0	70-131	1.9	-	
Mn	mg/L	<0.0200	0.02	98.5 /	85-115		-			95.0 / 93.0	70-131	2.0	-	
Na	mg/L	<1.00	1.00	100.2 /	85-115		-			97.4 / 95.1	70-131	1.6	-	
P	mg/L	<1.00	1.00	100.6 /	85-115		-			97.8 / 96.1	70-131	1.8	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250825-004**		**Parent Sample:**		**2025-1572**		
Al	mg/L	<0.100	0.10	95.7 /	85-115		-			93.2 / 92.9	70-131	0.3	-	
Ca	mg/L	<1.00	1.00	98.5 /	85-115		-			91.1 / 90.7	70-131	0.1	-	
Fe	mg/L	<0.100	0.10	96.6 /	85-115		-			90.7 / 90.3	70-131	0.4	-	
K	mg/L	<1.00	1.00	95.2 /	85-115		-			93.1 / 94.2	70-131	0.9	-	
Mg	mg/L	<1.00	1.00	97.3 /	85-115		-			90.8 / 89.8	70-131	0.4	-	
Mn	mg/L	<0.0200	0.02	95.7 /	85-115		-			88.8 / 88.2	70-131	0.4	-	
Na	mg/L	<1.00	1.00	94.8 /	85-115		-			95.5 / 94.8	70-131	0.2	-	
P	mg/L	<1.00	1.00	98.5 /	85-115		-			95.1 / 94.9	70-131	0.2	-	
		EPA 200.7					**Batch #:**	**AB-250826-001**		**Parent Sample:**		**2025-1491**		
Al	mg/L	<0.100	0.10	98.9 /	85-115		-			103.0 / 103.6	70-130	0.6	-	
Ca	mg/L	<1.00	1.00	100.1 /	85-115		-			103.4 / 104.6	70-130	0.9	-	
Fe	mg/L	<0.100	0.10	99.3 /	85-115		-			100.1 / 103.2	70-130	1.2	-	
K	mg/L	<1.00	1.00	97.7 /	85-115		-			102.1 / 103.6	70-130	1.0	-	
Mg	mg/L	<1.00	1.00	100.1 /	85-115		-			103.8 / 104.7	70-130	0.7	-	
Mn	mg/L	<0.0200	0.02	98.2 /	85-115		-			100.6 / 102.0	70-130	0.9	-	
Na	mg/L	<1.00	1.00	99.8 /	85-115		-			105.2 / 106.1	70-130	0.6	-	
P	mg/L	<1.00	1.00	101.5 /	85-115		-			105.7 / 106.7	70-130	0.9	-	
		EPA 200.7					**Batch #:**	**AB-250826-002**		**Parent Sample:**		**2025-1563**		
Al	mg/L	<0.100	0.10	102.1 /	85-115		-			102.9 / 104.2	70-130	1.2	-	
Ca	mg/L	<1.00	1.00	103.7 /	85-115		-			88.1 / 103.3	70-130	2.9	-	
Fe	mg/L	<0.100	0.10	102.5 /	85-115		-			100.7 / 102.2	70-130	1.4	-	
K	mg/L	<1.00	1.00	101.0 /	85-115		-			101.5 / 103.9	70-130	2.3	-	
Mg	mg/L	<1.00	1.00	103.4 /	85-115		-			101.7 / 103.1	70-130	1.3	-	
Mn	mg/L	<0.0200	0.02	101.8 /	85-115		-			99.4 / 100.7	70-130	1.3	-	
Na	mg/L	<1.00	1.00	103.7 /	85-115		-			102.7 / 105.3	70-130	1.8	-	
P	mg/L	<1.00	1.00	107.2 /	85-115		-			108.5 / 109.9	70-130	1.3	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250827-001**		**Parent Sample:**		**2025-1491**		
Ag	ug/L	<0.100	0.10	87.4 /	85-115		-			87.9 / 92.2	70-130	4.8	-	
As	ug/L	<1.00	1.00	97.6 /	85-115		-			104.2 / 104.8	70-130	0.5	-	
Ba	ug/L	<1.00	1.00	93.6 /	85-115		-			95.8 / 101.0	70-130	2.7	-	
Be	ug/L	<1.00	1.00	105.0 /	85-115		-			111.2 / 109.2	70-130	1.8	-	
Cd	ug/L	<0.300	0.30	97.3 /	85-115		-			103.0 / 103.8	70-130	0.8	-	
Co	ug/L	<0.100	0.10	95.4 /	85-115		-			97.7 / 98.6	70-130	0.9	-	
Cr	ug/L	<1.00	1.00	98.6 /	85-115		-			100.5 / 101.7	70-130	1.2	-	
Cu	ug/L	<0.500	0.50	91.3 /	85-115		-			89.7 / 91.2	70-130	1.6	-	
Ni	ug/L	<0.500	0.50	94.5 /	85-115		-			96.4 / 96.3	70-130	0.2	-	
Pb	ug/L	<0.500	0.50	104.0 /	85-115		-			104.4 / 106.0	70-130	1.4	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Sb	ug/L	<2.00	2.00	102.7 /	85-115			-		105.9 / 107.8	70-130	1.8	-	
Se	ug/L	<5.00	5.00	100.1 /	85-115			-		109.7 / 109.6	70-130	0.1	-	
Tl	ug/L	<0.500	0.50	101.5 /	85-115			-		102.5 / 105.3	70-130	2.7	-	
V	ug/L	<0.200	0.20	98.1 /	85-115			-		100.9 / 102.0	70-130	1.0	-	
Zn	ug/L	<5.00	5.00	99.9 /	85-115			-		106.8 / 107.3	70-130	0.4	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250827-002**		**Parent Sample:**		**2025-1563**		
Ag	ug/L	<0.100	0.10	90.6 /	85-115			-		87.9 / 90.5	70-130	2.8	-	
As	ug/L	<1.00	1.00	100.9 /	85-115			-		103.9 / 104.1	70-130	0.2	-	
Ba	ug/L	<1.00	1.00	96.3 /	85-115			-		94.2 / 97.0	70-130	1.9	-	
Be	ug/L	<1.00	1.00	105.9 /	85-115			-		108.7 / 108.7	70-130	0.0	-	
Cd	ug/L	<0.300	0.30	100.1 /	85-115			-		101.2 / 102.4	70-130	1.1	-	
Co	ug/L	<0.100	0.10	97.6 /	85-115			-		94.7 / 96.0	70-130	1.4	-	
Cr	ug/L	<1.00	1.00	103.0 /	85-115			-		99.4 / 102.9	70-130	3.1	-	
Cu	ug/L	<0.500	0.50	94.4 /	85-115			-		90.2 / 91.6	70-130	1.5	-	
Ni	ug/L	<0.500	0.50	96.6 /	85-115			-		93.3 / 93.7	70-130	0.4	-	
Pb	ug/L	<0.500	0.50	104.7 /	85-115			-		104.5 / 104.9	70-130	0.4	-	
Sb	ug/L	<2.00	2.00	104.8 /	85-115			-		105.0 / 106.9	70-130	1.8	-	
Se	ug/L	<5.00	5.00	101.5 /	85-115			-		108.1 / 109.0	70-130	0.8	-	
Tl	ug/L	<0.500	0.50	103.3 /	85-115			-		104.3 / 105.6	70-130	1.2	-	
V	ug/L	<0.200	0.20	100.1 /	85-115			-		100.0 / 100.4	70-130	0.4	-	
Zn	ug/L	<5.00	5.00	102.3 /	85-115			-		101.5 / 102.8	70-130	1.0	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250819-03 **Parent Sample** 2025-1563

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250819-001 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-02	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250819-001
Aliquot #	AB-250820-001 Dup - Field 2		**Parent Aliquot #**		2025-1563-1-11	
Turbidity		0.56	NTU	3.51	0 - 20	AB-250820-001
Aliquot #	AB-250820-004 Dup - Field 2		**Parent Aliquot #**		2025-1563-1-07	
Specific Conductance		226	uS/cm	1.34	0 - 20	AB-250820-004
Aliquot #	AB-250820-008 Dup - Field 2		**Parent Aliquot #**		2025-1563-2-01	
Dissolved Organic Carbon		<1.00	mg/L	8.33	0 - 20	AB-250820-008
Aliquot #	AB-250820-012 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250820-012
Chloride		3.67	mg/L	0.95	0 - 20	AB-250820-012
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250820-012
Sulfate		1.25	mg/L	8.07	0 - 20	AB-250820-012
Aliquot #	AB-250820-020 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-05	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250820-020
Aliquot #	AB-250821-003 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-04	
Nitrite+Nitrate as Nitrogen		3.35	mg/L	1.20	0 - 20	AB-250821-003
Aliquot #	AB-250821-007 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-01	
Alkalinity		93.9	mg/L	1.18	0 - 20	AB-250821-007
Aliquot #	AB-250821-011 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-13	
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250821-011
Aliquot #	AB-250821-015 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-12	
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-250821-015
Aliquot #	AB-250821-070 Dup - Field 1		**Parent Aliquot #**		2025-1563-1-06	
pH		6.75	units	0.00	0 - 20	AB-250821-070
Aliquot #	AB-250821-071 Dup - Field 1		**Parent Aliquot #**		2025-1563-1-09	
Water Temperature		19.3	°C	0.00	0 - 20	AB-250821-071
Aliquot #	AB-250822-003 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-10	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250822-003
Aliquot #	AB-250822-008 Dup - Field 3		**Parent Aliquot #**		2025-1563-1-08	
Total Dissolved Solids		144	mg/L	3.53	0 - 5	AB-250822-008

Aliquot #	AB-250825-001 Dup - Field 4		**Parent Aliquot #**	2025-1563-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250825-001
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250825-001
Barium		21.5	ug/L	2.61	0 - 20	AB-250825-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250825-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250825-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250825-001
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250825-001
Copper		0.882	ug/L	10.16	0 - 20	AB-250825-001
Lead		<0.500	ug/L	0.00	0 - 20	AB-250825-001
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250825-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250825-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250825-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250825-001
Vanadium		0.309	ug/L	8.81	0 - 20	AB-250825-001
Zinc		8.77	ug/L	13.19	0 - 20	AB-250825-001
Aliquot #	AB-250825-003 Dup - Field 4		**Parent Aliquot #**	2025-1563-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250825-003
Calcium		39.6	mg/L	3.91	0 - 20	AB-250825-003
Iron		<0.100	mg/L	0.00	0 - 20	AB-250825-003
Magnesium		<1.00	mg/L	0.00	0 - 20	AB-250825-003
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250825-003
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250825-003
Sodium		3.57	mg/L	3.66	0 - 20	AB-250825-003
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250825-003
Aliquot #	AB-250826-002 Dup - Field 1		**Parent Aliquot #**	2025-1563-4-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250826-002
Calcium		41.7	mg/L	4.47	0 - 20	AB-250826-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250826-002
Magnesium		<1.00	mg/L	0.00	0 - 20	AB-250826-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250826-002
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250826-002
Sodium		4.05	mg/L	0.34	0 - 20	AB-250826-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250826-002
Aliquot #	AB-250827-002 Dup - Field 1		**Parent Aliquot #**	2025-1563-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250827-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250827-002
Barium		23.2	ug/L	3.91	0 - 20	AB-250827-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250827-002
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250827-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250827-002
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250827-002
Copper		1.04	ug/L	19.11	0 - 20	AB-250827-002
Lead		<0.500	ug/L	0.00	0 - 20	AB-250827-002

Nickel	<0.500	ug/L	0.00	0 - 20	AB-250827-002
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250827-002
Silver	<0.100	ug/L	0.00	0 - 20	AB-250827-002
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250827-002
Vanadium	0.264	ug/L	3.46	0 - 20	AB-250827-002
Zinc	7.10	ug/L	4.17	0 - 20	AB-250827-002