Analytical Results

Lab Contact Info:

ADEQ Laboratory and Monitoring Services
5301 Northshore Drive, North Little Rock, AR 72118
www.adeq.state.ar.us
Alysha(Paige) Heigle
Alysha.Heigle@arkansas.gov

Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2025 0637-0642

Date and Time Received: 4/15/2025 14:11:00

Work Order Number: WO-250415-02

Case Narrative:

Results near of at reporting limit are more likely to have duplicate failures. Some aliquots for sample 2025-0640 and associated QC cancelled due to instrument/analyst issues.

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	1.5°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
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: JN-1278-W-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 4/14/2025 14:13
Sample Barcode: Sample Number: 2025-0637

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

Aliquot #: 2025-0637-1-01 **Batch Number: AB-250417-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	195	mg/L		6.00	1	4/16/2025 13:55

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

Aliquot #: 2025-0637-1-03 **Batch Number: AB-250416-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	4/17/2025 18:19
Chloride	21.7	mg/L		0.50	1	4/17/2025 18:19
Bromide	0.18	mg/L		0.10	1	4/17/2025 18:19
Sulfate	7.53	mg/L		0.50	1	4/17/2025 18:19

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

Aliquot #: 2025-0637-1-06 **Batch Number: AB-250428-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.80	None			1	4/14/2025 14:13

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

Aliquot #: 2025-0637-1-07 **Batch Number: AB-250416-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	466	uS/cm		1.00	1	4/16/2025 7:52

Analytical Results

Collector: Geological, Arkansas Site: JN-1278-W-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 14:13

Sample Barcode: Sample Number: 2025-0637

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

Aliquot #: 2025-0637-1-08 **Batch Number: AB-250417-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	280	mg/L		10.00	1	4/16/2025 15:30

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

Aliquot #: 2025-0637-1-09 **Batch Number: AB-250428-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.6	°C			1	4/14/2025 14:13

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

Aliquot #: 2025-0637-1-10 **Batch Number: AB-250417-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	4/15/2025 15:00

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

Aliquot #: 2025-0637-1-11 **Batch Number: AB-250416-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.53	NTU		0.05	1	4/16/2025 7:52

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

Aliquot #: 2025-0637-1-12 **Batch Number: AB-250417-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	4/17/2025 9:20

Analytical Results

Collector: Geological, Arkansas Site: JN-1278-W-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 14:13

Sample Barcode: Sample Number: 2025-0637

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

Aliquot #: 2025-0637-1-13 **Batch Number: AB-250417-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	4/17/2025 9:20

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

Aliquot #: 2025-0637-2-01 **Batch Number: AB-250416-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00*	mg/L		1.00	1	4/16/2025 18:46

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

Aliquot #: 2025-0637-3-01 **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 14:34
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 14:34
Barium	24.9*	ug/L		1.00	1	4/28/2025 14:34
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 14:34
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 14:34
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 14:34
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 14:34
Copper	30.2*	ug/L		0.50	1	4/28/2025 14:34
Lead	<0.500*	ug/L		0.50	1	4/28/2025 14:34
Nickel	0.669*	ug/L		0.50	1	4/28/2025 14:34
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 14:34
Silver	<0.100*	ug/L		0.10	1	4/28/2025 14:34
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 14:34
Vanadium	0.239*	ug/L		0.20	1	4/28/2025 14:34
Zinc	32.8*	ug/L		5.00	1	4/28/2025 14:34

Analytical Results

Collector: Geological, Arkansas Site: JN-1278-W-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 14:13

Sample Barcode: Sample Number: 2025-0637

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

Aliquot #: 2025-0637-3-02 **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:00
Calcium	79.8	mg/L		5.00	5	4/24/2025 13:34
Iron	<0.100	mg/L		0.10	1	4/24/2025 12:00
Magnesium	2.12	mg/L		1.00	1	4/24/2025 12:00
Manganese	<0.0200	mg/L		0.02	1	4/24/2025 12:00
Potassium	<1.00	mg/L		1.00	1	4/24/2025 12:00
Sodium	19.8	mg/L		1.00	1	4/24/2025 12:00
Hardness	208	mg/L		1.00	1	4/24/2025 13:34
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:00

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

Aliquot #: 2025-0637-4-01 **Batch Number: AB-250429-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/30/2025 12:12
Arsenic	<1.00*	ug/L		1.00	1	4/30/2025 12:12
Barium	25.0*	ug/L		1.00	1	4/30/2025 12:12
Beryllium	<1.00*	ug/L		1.00	1	4/30/2025 12:12
Cadmium	<0.300*	ug/L		0.30	1	4/30/2025 12:12
Chromium	<1.00*	ug/L		1.00	1	4/30/2025 12:12
Cobalt	<0.100*	ug/L		0.10	1	4/30/2025 12:12
Copper	37.6*	ug/L		0.50	1	4/30/2025 12:12
Lead	1.07*	ug/L	R	0.50	1	4/30/2025 12:12
Nickel	0.675*	ug/L		0.50	1	4/30/2025 12:12
Selenium	<5.00*	ug/L		5.00	1	4/30/2025 12:12
Silver	<0.100*	ug/L		0.10	1	4/30/2025 12:12
Thallium	<0.500*	ug/L		0.50	1	4/30/2025 12:12
Vanadium	0.262*	ug/L		0.20	1	4/30/2025 12:12
Zinc	36.0*	ug/L		5.00	1	4/30/2025 12:12

Analytical Results

Collector: Geological, Arkansas Site: JN-1278-W-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 14:13

Sample Barcode: Sample Number: 2025-0637

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

Aliquot #: 2025-0637-4-02 **Batch Number: AB-250429-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	4/29/2025 10:43
Calcium	82.8*	mg/L		5.00	5	4/29/2025 12:17
Iron	<0.100*	mg/L		0.10	1	4/29/2025 10:43
Magnesium	2.19*	mg/L		1.00	1	4/29/2025 10:43
Manganese	<0.0200*	mg/L		0.02	1	4/29/2025 10:43
Potassium	<1.00*	mg/L		1.00	1	4/29/2025 10:43
Sodium	20.2*	mg/L		1.00	1	4/29/2025 10:43
Phosphorus	<1.00*	mg/L		1.00	1	4/29/2025 10:43

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W1-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:07

Sample Barcode: Sample Number: 2025-0638

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

Aliquot #: 2025-0638-1-01 **Batch Number: AB-250417-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	81.4	mg/L		6.00	1	4/16/2025 13:57

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

Aliquot #: 2025-0638-1-03 **Batch Number: AB-250416-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	4/17/2025 18:37
Chloride	6.72	mg/L		0.50	1	4/17/2025 18:37
Bromide	<0.10	mg/L		0.10	1	4/17/2025 18:37
Sulfate	4.90	mg/L		0.50	1	4/17/2025 18:37

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

Aliquot #: 2025-0638-1-06 **Batch Number: AB-250428-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.60	None			1	4/14/2025 17:07

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

Aliquot #: 2025-0638-1-07 **Batch Number: AB-250416-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	220	uS/cm		1.00	1	4/16/2025 7:54

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

Aliquot #: 2025-0638-1-08 **Batch Number: AB-250417-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	134	mg/L		10.00	1	4/16/2025 15:30

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W1-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:07

Sample Barcode: Sample Number: 2025-0638

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

Aliquot #: 2025-0638-1-09 **Batch Number: AB-250428-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	15.8	°C			1	4/14/2025 17:07

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

Aliquot #: 2025-0638-1-10 **Batch Number: AB-250417-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	32.2	mg/L		2.00	1	4/15/2025 15:00

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

Aliquot #: 2025-0638-1-11 **Batch Number: AB-250416-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	11.5	NTU		0.05	1	4/16/2025 7:54

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

Aliquot #: 2025-0638-1-12 **Batch Number: AB-250417-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	4/17/2025 9:22

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

Aliquot #: 2025-0638-1-13 **Batch Number: AB-250417-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.05	mg/L		0.02	1	4/17/2025 9:22

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W1-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:07

Sample Barcode: Sample Number: 2025-0638

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

Aliquot #: 2025-0638-2-01 **Batch Number: AB-250416-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00*	mg/L		1.00	1	4/16/2025 19:15

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

Aliquot #: 2025-0638-3-01 **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 14:42
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 14:42
Barium	65.7*	ug/L		1.00	1	4/28/2025 14:42
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 14:42
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 14:42
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 14:42
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 14:42
Copper	1.07*	ug/L		0.50	1	4/28/2025 14:42
Lead	<0.500*	ug/L		0.50	1	4/28/2025 14:42
Nickel	<0.500*	ug/L		0.50	1	4/28/2025 14:42
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 14:42
Silver	<0.100*	ug/L		0.10	1	4/28/2025 14:42
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 14:42
Vanadium	0.311*	ug/L		0.20	1	4/28/2025 14:42
Zinc	8.10*	ug/L		5.00	1	4/28/2025 14:42

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W1-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 4/14/2025 17:07
Sample Number: 2025-0638

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

Aliquot #: 2025-0638-3-02 **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:03
Calcium	34.0	mg/L		1.00	1	4/24/2025 12:03
Iron	<0.100	mg/L		0.10	1	4/24/2025 12:03
Magnesium	2.40	mg/L		1.00	1	4/24/2025 12:03
Manganese	<0.0200	mg/L		0.02	1	4/24/2025 12:03
Potassium	2.58	mg/L		1.00	1	4/24/2025 12:03
Sodium	6.75	mg/L		1.00	1	4/24/2025 12:03
Hardness	94.8	mg/L		1.00	1	4/24/2025 12:03
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:03

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

Aliquot #: 2025-0638-4-01 **Batch Number: AB-250429-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/30/2025 12:36
Arsenic	<1.00*	ug/L		1.00	1	4/30/2025 12:36
Barium	65.6*	ug/L		1.00	1	4/30/2025 12:36
Beryllium	<1.00*	ug/L		1.00	1	4/30/2025 12:36
Cadmium	<0.300*	ug/L		0.30	1	4/30/2025 12:36
Chromium	<1.00*	ug/L		1.00	1	4/30/2025 12:36
Cobalt	0.142*	ug/L		0.10	1	4/30/2025 12:36
Copper	0.520*	ug/L		0.50	1	4/30/2025 12:36
Lead	<0.500*	ug/L		0.50	1	4/30/2025 12:36
Nickel	<0.500*	ug/L		0.50	1	4/30/2025 12:36
Selenium	<5.00*	ug/L		5.00	1	4/30/2025 12:36
Silver	<0.100*	ug/L		0.10	1	4/30/2025 12:36
Thallium	<0.500*	ug/L		0.50	1	4/30/2025 12:36
Vanadium	0.520*	ug/L		0.20	1	4/30/2025 12:36
Zinc	14.8*	ug/L		5.00	1	4/30/2025 12:36

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W1-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:07

Sample Barcode: Sample Number: 2025-0638

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

Aliquot #: 2025-0638-4-02 **Batch Number: AB-250429-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.111*	mg/L		0.10	1	4/29/2025 10:52
Calcium	34.1*	mg/L		1.00	1	4/29/2025 10:52
Iron	<0.100*	mg/L		0.10	1	4/29/2025 10:52
Magnesium	2.43*	mg/L		1.00	1	4/29/2025 10:52
Manganese	<0.0200*	mg/L		0.02	1	4/29/2025 10:52
Potassium	2.67*	mg/L		1.00	1	4/29/2025 10:52
Sodium	6.79*	mg/L		1.00	1	4/29/2025 10:52
Phosphorus	<1.00*	mg/L		1.00	1	4/29/2025 10:52

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W2-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:30

Sample Barcode: Sample Number: 2025-0639

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

Aliquot #: 2025-0639-1-01 **Batch Number: AB-250417-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	202	mg/L		6.00	1	4/16/2025 14:01

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

Aliquot #: 2025-0639-1-03 **Batch Number: AB-250416-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.32	mg/L		0.10	1	4/17/2025 18:46
Chloride	3.66	mg/L		0.50	1	4/17/2025 18:46
Bromide	0.13	mg/L		0.10	1	4/17/2025 18:46
Sulfate	9.92	mg/L		0.50	1	4/17/2025 18:46

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

Aliquot #: 2025-0639-1-06 **Batch Number: AB-250428-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.51	None			1	4/14/2025 17:30

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

Aliquot #: 2025-0639-1-07 **Batch Number: AB-250416-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	397	uS/cm		1.00	1	4/16/2025 7:55

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

Aliquot #: 2025-0639-1-08 **Batch Number: AB-250417-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	230	mg/L		10.00	1	4/16/2025 15:30

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W2-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:30

Sample Barcode: Sample Number: 2025-0639

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

Aliquot #: 2025-0639-1-09 **Batch Number: AB-250428-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.6	°C			1	4/14/2025 17:30

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

Aliquot #: 2025-0639-1-10 **Batch Number: AB-250417-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	23.2	mg/L		2.00	1	4/15/2025 15:00

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

Aliquot #: 2025-0639-1-11 **Batch Number: AB-250416-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	23.7	NTU		0.05	1	4/16/2025 7:55

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

Aliquot #: 2025-0639-1-12 **Batch Number: AB-250417-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	4/17/2025 9:23

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

Aliquot #: 2025-0639-1-13 **Batch Number: AB-250417-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.05	mg/L		0.02	1	4/17/2025 9:23

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W2-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:30

Sample Barcode: Sample Number: 2025-0639

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

Aliquot #: 2025-0639-2-01 **Batch Number: AB-250416-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00*	mg/L		1.00	1	4/16/2025 19:30

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

Aliquot #: 2025-0639-3-01 **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 14:46
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 14:46
Barium	12.6*	ug/L		1.00	1	4/28/2025 14:46
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 14:46
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 14:46
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 14:46
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 14:46
Copper	<0.500*	ug/L		0.50	1	4/28/2025 14:46
Lead	<0.500*	ug/L		0.50	1	4/28/2025 14:46
Nickel	<0.500*	ug/L		0.50	1	4/28/2025 14:46
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 14:46
Silver	<0.100*	ug/L		0.10	1	4/28/2025 14:46
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 14:46
Vanadium	<0.200*	ug/L		0.20	1	4/28/2025 14:46
Zinc	<5.00*	ug/L		5.00	1	4/28/2025 14:46

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W2-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 4/14/2025 17:30
Sample Number: 2025-0639

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

Aliquot #: 2025-0639-3-02 **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:05
Calcium	51.4	mg/L		5.00	5	4/24/2025 13:40
Iron	0.104	mg/L		0.10	1	4/24/2025 12:05
Magnesium	17.3	mg/L		1.00	1	4/24/2025 12:05
Manganese	0.0236	mg/L		0.02	1	4/24/2025 12:05
Potassium	<1.00	mg/L		1.00	1	4/24/2025 12:05
Sodium	10.6	mg/L		1.00	1	4/24/2025 12:05
Hardness	200	mg/L		1.00	1	4/24/2025 13:40
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:05

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

Aliquot #: 2025-0639-4-01 **Batch Number: AB-250429-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/30/2025 12:40
Arsenic	<1.00*	ug/L		1.00	1	4/30/2025 12:40
Barium	14.7*	ug/L		1.00	1	4/30/2025 12:40
Beryllium	<1.00*	ug/L		1.00	1	4/30/2025 12:40
Cadmium	<0.300*	ug/L		0.30	1	4/30/2025 12:40
Chromium	2.60*	ug/L		1.00	1	4/30/2025 12:40
Cobalt	0.221*	ug/L		0.10	1	4/30/2025 12:40
Copper	17.9*	ug/L		0.50	1	4/30/2025 12:40
Lead	13.2*	ug/L		2.50	5	5/1/2025 10:52
Nickel	1.93*	ug/L		0.50	1	4/30/2025 12:40
Selenium	<5.00*	ug/L		5.00	1	4/30/2025 12:40
Silver	<0.100*	ug/L		0.10	1	4/30/2025 12:40
Thallium	<0.500*	ug/L		0.50	1	4/30/2025 12:40
Vanadium	0.662*	ug/L		0.20	1	4/30/2025 12:40
Zinc	30.0*	ug/L		5.00	1	4/30/2025 12:40

Analytical Results

Collector: Geological, Arkansas Site: DD-1295-W2-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/14/2025 17:30

Sample Barcode: Sample Number: 2025-0639

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

Aliquot #: 2025-0639-4-02 **Batch Number: AB-250429-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.494*	mg/L		0.10	1	4/29/2025 10:54
Calcium	53.6*	mg/L		5.00	5	4/29/2025 12:21
Iron	0.476*	mg/L		0.10	1	4/29/2025 10:54
Magnesium	17.9*	mg/L		1.00	1	4/29/2025 10:54
Manganese	0.0295*	mg/L		0.02	1	4/29/2025 10:54
Potassium	<1.00*	mg/L		1.00	1	4/29/2025 10:54
Sodium	11.0*	mg/L		1.00	1	4/29/2025 10:54
Phosphorus	<1.00*	mg/L		1.00	1	4/29/2025 10:54

Analytical Results

Collector: Geological, Arkansas Site: KW-3721-Spr-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:11

Sample Barcode: Sample Number: 2025-0640

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

Aliquot #: 2025-0640-1-01 **Batch Number: AB-250417-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	120	mg/L		6.00	1	4/16/2025 14:02

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

Aliquot #: 2025-0640-1-03 **Batch Number: AB-250416-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	4/17/2025 19:13
Chloride	13.1	mg/L		0.50	1	4/17/2025 19:13
Bromide	0.14	mg/L		0.10	1	4/17/2025 19:13
Sulfate	6.66	mg/L		0.50	1	4/17/2025 19:13

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

Aliquot #: 2025-0640-1-06 **Batch Number: AB-250428-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.62	None			1	4/15/2025 9:11

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

Aliquot #: 2025-0640-1-07 **Batch Number: AB-250416-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	330	uS/cm		1.00	1	4/16/2025 7:56

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

Aliquot #: 2025-0640-1-08 **Batch Number: AB-250417-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	207	mg/L		10.00	1	4/16/2025 15:30

Analytical Results

Collector: Geological, Arkansas Site: KW-3721-Spr-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:11

Sample Barcode: Sample Number: 2025-0640

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

Aliquot #: 2025-0640-1-09 **Batch Number: AB-250428-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	13.3	°C			1	4/15/2025 9:11

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

Aliquot #: 2025-0640-1-10 **Batch Number: AB-250417-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	4/15/2025 15:00

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

Aliquot #: 2025-0640-1-11 **Batch Number: AB-250416-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.94	NTU	R	0.05	1	4/16/2025 7:56

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

Aliquot #: 2025-0640-1-13 **Batch Number: AB-250417-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	4/17/2025 9:24

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

Aliquot #: 2025-0640-2-01 **Batch Number: AB-250416-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00*	mg/L		1.00	1	4/16/2025 20:12

Analytical Results

Collector: Geological, Arkansas Site: KW-3721-Spr-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 4/15/2025 9:11
Sample Number: 2025-0640

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

Aliquot #: 2025-0640-3-01 **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 14:58
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 14:58
Barium	31.7*	ug/L		1.00	1	4/28/2025 14:58
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 14:58
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 14:58
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 14:58
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 14:58
Copper	<0.500*	ug/L		0.50	1	4/28/2025 14:58
Lead	<0.500*	ug/L		0.50	1	4/28/2025 14:58
Nickel	<0.500*	ug/L		0.50	1	4/28/2025 14:58
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 14:58
Silver	<0.100*	ug/L		0.10	1	4/28/2025 14:58
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 14:58
Vanadium	0.292*	ug/L	R	0.20	1	4/28/2025 14:58
Zinc	<5.00*	ug/L		5.00	1	4/28/2025 14:58

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

Aliquot #: 2025-0640-3-02 **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:10
Calcium	51.2	mg/L		5.00	5	4/24/2025 13:42
Iron	<0.100	mg/L		0.10	1	4/24/2025 12:10
Magnesium	1.29	mg/L		1.00	1	4/24/2025 12:10
Manganese	<0.0200	mg/L		0.02	1	4/24/2025 12:10
Potassium	<1.00	mg/L		1.00	1	4/24/2025 12:10
Sodium	16.1	mg/L		1.00	1	4/24/2025 12:10
Hardness	133	mg/L		1.00	1	4/24/2025 13:42
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:10

Analytical Results

Collector: Geological, Arkansas Site: KW-3721-Spr-01 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:11

Sample Barcode: Sample Number: 2025-0640

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

Aliquot #: 2025-0640-4-01 **Batch Number: AB-250429-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/30/2025 12:44
Arsenic	<1.00*	ug/L		1.00	1	4/30/2025 12:44
Barium	32.4*	ug/L		1.00	1	4/30/2025 12:44
Beryllium	<1.00*	ug/L		1.00	1	4/30/2025 12:44
Cadmium	<0.300*	ug/L		0.30	1	4/30/2025 12:44
Chromium	<1.00*	ug/L		1.00	1	4/30/2025 12:44
Cobalt	<0.100*	ug/L		0.10	1	4/30/2025 12:44
Copper	<0.500*	ug/L	R	0.50	1	4/30/2025 12:44
Lead	<0.500*	ug/L		0.50	1	4/30/2025 12:44
Nickel	<0.500*	ug/L		0.50	1	4/30/2025 12:44
Selenium	<5.00*	ug/L		5.00	1	4/30/2025 12:44
Silver	<0.100*	ug/L		0.10	1	4/30/2025 12:44
Thallium	<0.500*	ug/L		0.50	1	4/30/2025 12:44
Vanadium	0.282*	ug/L		0.20	1	4/30/2025 12:44
Zinc	<5.00*	ug/L	R	5.00	1	4/30/2025 12:44

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

Aliquot #: 2025-0640-4-02 **Batch Number: AB-250429-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	4/29/2025 10:56
Calcium	54.2*	mg/L		5.00	5	4/29/2025 12:25
Iron	<0.100*	mg/L		0.10	1	4/29/2025 10:56
Magnesium	1.37*	mg/L		1.00	1	4/29/2025 10:56
Manganese	<0.0200*	mg/L		0.02	1	4/29/2025 10:56
Potassium	<1.00*	mg/L		1.00	1	4/29/2025 10:56
Sodium	16.9*	mg/L		1.00	1	4/29/2025 10:56
Phosphorus	<1.00*	mg/L		1.00	1	4/29/2025 10:56

Analytical Results

Collector: Geological, Arkansas Site: HM-Spr-03 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:46

Sample Barcode: Sample Number: 2025-0641

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

Aliquot #: 2025-0641-1-01 **Batch Number: AB-250417-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	116	mg/L		6.00	1	4/16/2025 14:04

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

Aliquot #: 2025-0641-1-02 **Batch Number: AB-250415-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	4/15/2025 17:20

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

Aliquot #: 2025-0641-1-03 **Batch Number: AB-250416-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	4/17/2025 19:31
Chloride	8.05	mg/L		0.50	1	4/17/2025 19:31
Bromide	<0.10	mg/L		0.10	1	4/17/2025 19:31
Sulfate	5.68	mg/L		0.50	1	4/17/2025 19:31

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

Aliquot #: 2025-0641-1-04 **Batch Number: AB-250417-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.51	mg/L		0.05	1	4/15/2025 17:20

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

Aliquot #: 2025-0641-1-05 **Batch Number: AB-250417-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.094	mg/L	B+	0.02	1	4/15/2025 17:20

Analytical Results

Collector: Geological, Arkansas Site: HM-Spr-03 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:46

Sample Barcode: Sample Number: 2025-0641

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

Aliquot #: 2025-0641-1-06 **Batch Number: AB-250428-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.67	None			1	4/15/2025 9:46

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

Aliquot #: 2025-0641-1-07 **Batch Number: AB-250416-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	301	uS/cm		1.00	1	4/16/2025 7:58

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

Aliquot #: 2025-0641-1-08 **Batch Number: AB-250417-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	192	mg/L		10.00	1	4/16/2025 15:30

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

Aliquot #: 2025-0641-1-09 **Batch Number: AB-250428-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	14.0	°C			1	4/15/2025 9:46

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

Aliquot #: 2025-0641-1-10 **Batch Number: AB-250417-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	4/15/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: HM-Spr-03 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:46

Sample Barcode: Sample Number: 2025-0641

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

Aliquot #: 2025-0641-1-11 **Batch Number: AB-250416-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.94	NTU		0.05	1	4/16/2025 7:58

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

Aliquot #: 2025-0641-1-12 **Batch Number: AB-250417-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.39	mg/L		0.10	1	4/17/2025 9:36

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

Aliquot #: 2025-0641-1-13 **Batch Number: AB-250417-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L	R	0.02	1	4/17/2025 9:29

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

Aliquot #: 2025-0641-2-01 **Batch Number: AB-250416-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00*	mg/L		1.00	1	4/16/2025 20:42

Analytical Results

Collector: Geological, Arkansas Site: HM-Spr-03 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:46

Sample Barcode: Sample Number: 2025-0641

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

Aliquot #: 2025-0641-3-01 **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 15:06
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 15:06
Barium	57.9*	ug/L		1.00	1	4/28/2025 15:06
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 15:06
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 15:06
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 15:06
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 15:06
Copper	<0.500*	ug/L		0.50	1	4/28/2025 15:06
Lead	<0.500*	ug/L		0.50	1	4/28/2025 15:06
Nickel	<0.500*	ug/L		0.50	1	4/28/2025 15:06
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 15:06
Silver	<0.100*	ug/L		0.10	1	4/28/2025 15:06
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 15:06
Vanadium	0.362*	ug/L		0.20	1	4/28/2025 15:06
Zinc	<5.00*	ug/L		5.00	1	4/28/2025 15:06

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

Aliquot #: 2025-0641-3-02 **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:13
Calcium	50.6	mg/L		5.00	5	4/24/2025 13:45
Iron	<0.100	mg/L		0.10	1	4/24/2025 12:13
Magnesium	1.87	mg/L		1.00	1	4/24/2025 12:13
Manganese	<0.0200	mg/L		0.02	1	4/24/2025 12:13
Potassium	2.44	mg/L		1.00	1	4/24/2025 12:13
Sodium	8.99	mg/L		1.00	1	4/24/2025 12:13
Hardness	134	mg/L		1.00	1	4/24/2025 13:45
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:13

Analytical Results

Collector: Geological, Arkansas Site: HM-Spr-03 **Work Order Number: WO-250415-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 4/15/2025 9:46

Sample Barcode: Sample Number: 2025-0641

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

Aliquot #: 2025-0641-4-01 **Batch Number: AB-250429-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/30/2025 12:53
Arsenic	<1.00*	ug/L		1.00	1	4/30/2025 12:53
Barium	58.3*	ug/L		1.00	1	4/30/2025 12:53
Beryllium	<1.00*	ug/L		1.00	1	4/30/2025 12:53
Cadmium	<0.300*	ug/L		0.30	1	4/30/2025 12:53
Chromium	<1.00*	ug/L		1.00	1	4/30/2025 12:53
Cobalt	<0.100*	ug/L		0.10	1	4/30/2025 12:53
Copper	<0.500*	ug/L		0.50	1	4/30/2025 12:53
Lead	<0.500*	ug/L		0.50	1	4/30/2025 12:53
Nickel	<0.500*	ug/L		0.50	1	4/30/2025 12:53
Selenium	<5.00*	ug/L		5.00	1	4/30/2025 12:53
Silver	<0.100*	ug/L		0.10	1	4/30/2025 12:53
Thallium	<0.500*	ug/L		0.50	1	4/30/2025 12:53
Vanadium	0.292*	ug/L		0.20	1	4/30/2025 12:53
Zinc	<5.00*	ug/L		5.00	1	4/30/2025 12:53

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

Aliquot #: 2025-0641-4-02 **Batch Number: AB-250429-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100*	mg/L		0.10	1	4/29/2025 10:59
Calcium	52.8*	mg/L		5.00	5	4/29/2025 12:29
Iron	<0.100*	mg/L		0.10	1	4/29/2025 10:59
Magnesium	1.93*	mg/L		1.00	1	4/29/2025 10:59
Manganese	<0.0200*	mg/L		0.02	1	4/29/2025 10:59
Potassium	2.45*	mg/L		1.00	1	4/29/2025 10:59
Sodium	9.15*	mg/L		1.00	1	4/29/2025 10:59
Phosphorus	<1.00*	mg/L		1.00	1	4/29/2025 10:59

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250415-02**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected:
Sample Number: 2025-0642

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

Aliquot #: 2025-0642-1-01 | **Batch Number: AB-250424-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00*	ug/L		2.00	1	4/28/2025 15:10
Arsenic	<1.00*	ug/L		1.00	1	4/28/2025 15:10
Barium	<1.00*	ug/L		1.00	1	4/28/2025 15:10
Beryllium	<1.00*	ug/L		1.00	1	4/28/2025 15:10
Cadmium	<0.300*	ug/L		0.30	1	4/28/2025 15:10
Chromium	<1.00*	ug/L		1.00	1	4/28/2025 15:10
Cobalt	<0.100*	ug/L		0.10	1	4/28/2025 15:10
Copper	<0.500*	ug/L		0.50	1	4/28/2025 15:10
Lead	<0.500*	ug/L		0.50	1	4/28/2025 15:10
Nickel	<0.500*	ug/L		0.50	1	4/28/2025 15:10
Selenium	<5.00*	ug/L		5.00	1	4/28/2025 15:10
Silver	<0.100*	ug/L		0.10	1	4/28/2025 15:10
Thallium	<0.500*	ug/L		0.50	1	4/28/2025 15:10
Vanadium	0.201*	ug/L		0.20	1	4/28/2025 15:10
Zinc	<5.00*	ug/L		5.00	1	4/28/2025 15:10

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

Aliquot #: 2025-0642-1-02 | **Batch Number: AB-250424-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	4/24/2025 12:14
Calcium	<1.00	mg/L		1.00	1	4/24/2025 12:14
Iron	<0.100	mg/L		0.10	1	4/24/2025 12:14
Magnesium	<1.00	mg/L		1.00	1	4/24/2025 12:14
Manganese	<0.0200	mg/L		0.02	1	4/24/2025 12:14
Potassium	<1.00	mg/L		1.00	1	4/24/2025 12:14
Sodium	<1.00	mg/L		1.00	1	4/24/2025 12:14
Hardness	<1.00	mg/L		1.00	1	4/24/2025 12:14
Phosphorus	<1.00	mg/L		1.00	1	4/24/2025 12:14

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 0637-0642 Date and Time Received: 4/15/2025 14:11:00

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-250415-001**		**Parent Sample:**		**2025-0634**		
	mg/L	<0.03	0.03	100.7 /	80-120			-		103.9 / 103.4	80-120	0.4	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250416-001**		**Parent Sample:**				
	NTU	<0.05	0.05	103.0 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250416-003**		**Parent Sample:**				
	uS/cm	<1.00	1.00	98.7 /	95-105			-		/	-		-	
		SM 5310 C, 2014					**Batch #:**	**AB-250416-005**		**Parent Sample:**		**2025-0634**		
	mg/L	<1.00	1,000.00	100.6 /	85-115			-		102.2 / 102.2	80-120	0.0	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250416-013**		**Parent Sample:**		**2025-0634**		
Br	mg/L	<0.10	0.10	95.9 /	90-110			-		93.5 / 93.3	80-120	0.2	-	
Cl	mg/L	<0.50	0.50	98.9 /	90-110			-		88.9 / 89.2	80-120	0.1	-	
F	mg/L	<0.10	0.10	100.6 /	90-110			-		101.5 / 103.1	80-120	1.4	-	
SO4	mg/L	<0.50	0.50	99.2 /	90-110			-		93.7 / 93.9	80-120	0.1	-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250417-001**		**Parent Sample:**		**2025-0634**		
	mg/L	<0.02	0.02	102.5 /	80-120			-		104.5 / 106.0	80-120	1.0	-	B+
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250417-004**		**Parent Sample:**		**2025-0634**		
	mg/L	<0.05	0.05	98.7 /	80-120			-		102.0 / 100.0	80-120	1.4	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250417-007**		**Parent Sample:**				
	mg/L	<6.00	6.00	95.2 /	90-110			-		/	-		-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250417-010**		**Parent Sample:**		**2025-0634**		
	mg/L	<0.10	0.10	99.1 /	80-120			-		100.5 / 90.5	80-120	6.6	-	
		SM 4500-P G, 2021					**Batch #:**	**AB-250417-013**		**Parent Sample:**		**2025-0634**		
	mg/L	<0.02	0.02	93.0 /	80-120			-		95.0 / 92.0	80-120	2.1	-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250417-016**		**Parent Sample:**				
	mg/L	<2.00	2.00	103.8 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250417-019**		**Parent Sample:**				
	mg/L	<10.0	10.00	104.0 /	90-110			-		/	-		-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250424-002**		**Parent Sample:**		**2025-0634**		
Al	mg/L	<0.100	0.10	103.3 /	85-115			-		99.8 / 101.4	70-131	1.5	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ca	mg/L	<1.00	1.00	105.1 /	85-115			-		95.6 / 97.6	70-131	0.7	-	
Fe	mg/L	<0.100	0.10	103.9 /	85-115			-		97.4 / 99.3	70-131	1.6	-	
K	mg/L	<1.00	1.00	102.3 /	85-115			-		98.4 / 100.8	70-131	1.9	-	
Mg	mg/L	<1.00	1.00	105.5 /	85-115			-		98.7 / 100.5	70-131	1.2	-	
Mn	mg/L	<0.0200	0.02	104.4 /	85-115			-		98.2 / 99.7	70-131	1.4	-	
Na	mg/L	<1.00	1.00	106.8 /	85-115			-		97.8 / 102.5	70-131	1.2	-	
P	mg/L	<1.00	1.00	104.8 /	85-115			-		101.7 / 103.4	70-131	1.7	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250424-005**		**Parent Sample:**		**2025-0634**		
Ag	ug/L	<0.100	0.10	94.2 /	85-115			-		90.7 / 89.9	70-130	0.9	-	
As	ug/L	<1.00	1.00	103.1 /	85-115			-		102.3 / 104.3	70-130	2.0	-	
Ba	ug/L	<1.00	1.00	100.0 /	85-115			-		95.1 / 94.7	70-130	0.2	-	
Be	ug/L	<1.00	1.00	104.1 /	85-115			-		100.3 / 102.6	70-130	2.3	-	
Cd	ug/L	<0.300	0.30	105.4 /	85-115			-		103.7 / 104.0	70-130	0.3	-	
Co	ug/L	<0.100	0.10	99.3 /	85-115			-		93.7 / 94.8	70-130	1.2	-	
Cr	ug/L	<1.00	1.00	102.1 /	85-115			-		96.1 / 97.5	70-130	1.4	-	
Cu	ug/L	<0.500	0.50	95.6 /	85-115			-		90.3 / 91.8	70-130	1.6	-	
Ni	ug/L	<0.500	0.50	97.9 /	85-115			-		92.1 / 92.8	70-130	0.6	-	
Pb	ug/L	<0.500	0.50	105.4 /	85-115			-		102.1 / 102.2	70-130	0.1	-	
Sb	ug/L	<2.00	2.00	108.2 /	85-115			-		106.3 / 108.2	70-130	1.7	-	
Se	ug/L	<5.00	5.00	104.7 /	85-115			-		104.9 / 105.6	70-130	0.7	-	
Tl	ug/L	<0.500	0.50	104.0 /	85-115			-		100.2 / 102.2	70-130	2.0	-	
V	ug/L	<0.200	0.20	100.7 /	85-115			-		96.6 / 97.9	70-130	1.2	-	
Zn	ug/L	<5.00	5.00	110.3 /	85-115			-		102.5 / 104.6	70-130	1.9	-	
		EPA 200.7					**Batch #:**	**AB-250429-002**		**Parent Sample:**		**2025-0637**		
Al	mg/L	<0.100	0.10	101.5 /	85-115			-		103.9 / 104.5	70-130	0.6	-	
Ca	mg/L	<1.00	1.00	104.8 /	85-115			-		86.6 / 95.7	70-130	1.0	-	
Fe	mg/L	<0.100	0.10	103.5 /	85-115			-		101.2 / 101.8	70-130	0.6	-	
K	mg/L	<1.00	1.00	101.3 /	85-115			-		104.3 / 104.7	70-130	0.3	-	
Mg	mg/L	<1.00	1.00	104.2 /	85-115			-		102.2 / 102.8	70-130	0.5	-	
Mn	mg/L	<0.0200	0.02	103.5 /	85-115			-		100.7 / 101.2	70-130	0.5	-	
Na	mg/L	<1.00	1.00	107.0 /	85-115			-		106.5 / 108.6	70-130	0.7	-	
P	mg/L	<1.00	1.00	104.1 /	85-115			-		106.7 / 107.0	70-130	0.3	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250429-005**		**Parent Sample:**		**2025-0637**		
Ag	ug/L	<0.100	0.10	92.9 /	85-115			-		89.4 / 91.0	70-130	1.7	-	
As	ug/L	<1.00	1.00	101.1 /	85-115			-		104.5 / 105.0	70-130	0.5	-	
Ba	ug/L	<1.00	1.00	96.9 /	85-115			-		98.0 / 99.4	70-130	0.9	-	
Be	ug/L	<1.00	1.00	98.1 /	85-115			-		101.5 / 102.4	70-130	0.9	-	
Cd	ug/L	<0.300	0.30	104.3 /	85-115			-		105.9 / 105.4	70-130	0.5	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Co	ug/L	<0.100	0.10	97.2 /	85-115			-		94.0 / 94.6	70-130	0.7	-	
Cr	ug/L	<1.00	1.00	99.7 /	85-115			-		99.0 / 98.4	70-130	0.6	-	
Cu	ug/L	<0.500	0.50	94.9 /	85-115			-		83.4 / 85.9	70-130	1.1	-	
Ni	ug/L	<0.500	0.50	96.7 /	85-115			-		91.2 / 91.1	70-130	0.0	-	
Pb	ug/L	<0.500	0.50	104.0 /	85-115			-		104.7 / 104.0	70-130	0.4	-	
Sb	ug/L	<2.00	2.00	106.0 /	85-115			-		108.8 / 109.0	70-130	0.2	-	
Se	ug/L	<5.00	5.00	103.7 /	85-115			-		108.3 / 108.6	70-130	0.3	-	
Tl	ug/L	<0.500	0.50	101.4 /	85-115			-		103.1 / 103.7	70-130	0.6	-	
V	ug/L	<0.200	0.20	98.0 /	85-115			-		98.7 / 99.0	70-130	0.4	-	
Zn	ug/L	<5.00	5.00	103.8 /	85-115			-		98.5 / 100.3	70-130	0.7	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250415-02 **Parent Sample** 2025-0637

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250415-001 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-02	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250415-001
Aliquot #	AB-250416-001 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-11	
Turbidity		0.55	NTU	3.70	0 - 20	AB-250416-001
Aliquot #	AB-250416-001 Dup - Field 3		**Parent Aliquot #**		2025-0640-1-11	
Turbidity		0.33	NTU	96.06	0 - 20	AB-250416-001
Aliquot #	AB-250416-003 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-07	
Specific Conductance		466	uS/cm	0.00	0 - 20	AB-250416-003
Aliquot #	AB-250416-003 Dup - Field 3		**Parent Aliquot #**		2025-0640-1-07	
Specific Conductance		330	uS/cm	0.00	0 - 20	AB-250416-003
Aliquot #	AB-250416-005 Dup - Field 2		**Parent Aliquot #**		2025-0637-2-01	
Dissolved Organic Carbon		<1.00	mg/L	8.68	0 - 20	AB-250416-005
Aliquot #	AB-250416-005 Dup - Field 3		**Parent Aliquot #**		2025-0640-2-01	
Dissolved Organic Carbon		<1.00	mg/L	4.75	0 - 20	AB-250416-005
Aliquot #	AB-250416-013 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250416-013
Chloride		21.7	mg/L	0.13	0 - 20	AB-250416-013
Bromide		0.18	mg/L	0.81	0 - 20	AB-250416-013
Sulfate		7.54	mg/L	0.11	0 - 20	AB-250416-013
Aliquot #	AB-250416-013 Dup - Field 3		**Parent Aliquot #**		2025-0640-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250416-013
Chloride		13.2	mg/L	0.50	0 - 20	AB-250416-013
Bromide		0.13	mg/L	1.71	0 - 20	AB-250416-013
Sulfate		6.68	mg/L	0.34	0 - 20	AB-250416-013
Aliquot #	AB-250417-001 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-05	
Orthophosphate as Phosphorus		0.08	mg/L	2.12	0 - 20	AB-250417-001
Aliquot #	AB-250417-001 Dup - Field 3		**Parent Aliquot #**		2025-0640-1-05	
Orthophosphate as Phosphorus		0.09	mg/L	29.12	0 - 20	AB-250417-001
Aliquot #	AB-250417-004 Dup - Field 2		**Parent Aliquot #**		2025-0637-1-04	
Nitrite+Nitrate as Nitrogen		2.85	mg/L	0.35	0 - 20	AB-250417-004
Aliquot #	AB-250417-004 Dup - Field 3		**Parent Aliquot #**		2025-0640-1-04	
Nitrite+Nitrate as Nitrogen		6.65	mg/L	20.75	0 - 20	AB-250417-004

Aliquot #	AB-250417-007 Dup - Field 2		**Parent Aliquot #**	2025-0637-1-01		
Alkalinity		196	mg/L	0.51	0 - 20	AB-250417-007
Aliquot #	AB-250417-007 Dup - Field 3		**Parent Aliquot #**	2025-0640-1-01		
Alkalinity		120	mg/L	0.00	0 - 20	AB-250417-007
Aliquot #	AB-250417-010 Dup - Field 2		**Parent Aliquot #**	2025-0637-1-12		
Total Kjeldahl Nitrogen		0.11	mg/L	20.00	0 - 20	AB-250417-010
Aliquot #	AB-250417-013 Dup - Field 2		**Parent Aliquot #**	2025-0637-1-13		
Total Phosphorus		0.03	mg/L	3.16	0 - 20	AB-250417-013
Aliquot #	AB-250417-013 Dup - Field 3		**Parent Aliquot #**	2025-0641-1-13		
Total Phosphorus		0.02	mg/L	39.09	0 - 20	AB-250417-013
Aliquot #	AB-250417-016 Dup - Field 2		**Parent Aliquot #**	2025-0637-1-10		
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250417-016
Aliquot #	AB-250417-016 Dup - Field 3		**Parent Aliquot #**	2025-0640-1-10		
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250417-016
Aliquot #	AB-250417-019 Dup - Field 2		**Parent Aliquot #**	2025-0637-1-08		
Total Dissolved Solids		278	mg/L	0.36	0 - 5	AB-250417-019
Aliquot #	AB-250417-019 Dup - Field 3		**Parent Aliquot #**	2025-0640-1-08		
Total Dissolved Solids		203	mg/L	1.95	0 - 5	AB-250417-019
Aliquot #	AB-250424-002 Dup - Field 2		**Parent Aliquot #**	2025-0637-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250424-002
Calcium		80.1	mg/L	1.81	0 - 20	AB-250424-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250424-002
Magnesium		2.11	mg/L	0.68	0 - 20	AB-250424-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250424-002
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250424-002
Sodium		19.4	mg/L	1.63	0 - 20	AB-250424-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250424-002
Aliquot #	AB-250424-002 Dup - Field 3		**Parent Aliquot #**	2025-0640-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250424-002
Calcium		51.1	mg/L	0.06	0 - 20	AB-250424-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250424-002
Magnesium		1.30	mg/L	0.66	0 - 20	AB-250424-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250424-002
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250424-002
Sodium		16.2	mg/L	0.51	0 - 20	AB-250424-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250424-002
Aliquot #	AB-250424-005 Dup - Field 2		**Parent Aliquot #**	2025-0637-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250424-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Barium		24.7	ug/L	0.85	0 - 20	AB-250424-005

Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250424-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250424-005
Copper		30.0	ug/L	0.96	0 - 20	AB-250424-005
Lead		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Nickel		0.634	ug/L	5.42	0 - 20	AB-250424-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250424-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-250424-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Vanadium		0.272	ug/L	12.85	0 - 20	AB-250424-005
Zinc		31.8	ug/L	3.00	0 - 20	AB-250424-005
Aliquot #	AB-250424-005 Dup - Field 3		**Parent Aliquot #**		2025-0640-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250424-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Barium		31.5	ug/L	0.82	0 - 20	AB-250424-005
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250424-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250424-005
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250424-005
Copper		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Lead		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250424-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-250424-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250424-005
Vanadium		0.369	ug/L	23.26	0 - 20	AB-250424-005
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250424-005
Aliquot #	AB-250428-017 Dup - Field 1		**Parent Aliquot #**		2025-0637-1-06	
pH		6.80	units	0.00	0 - 20	AB-250428-017
Aliquot #	AB-250428-017 Dup - Field 2		**Parent Aliquot #**		2025-0640-1-06	
pH		6.62	units	0.00	0 - 20	AB-250428-017
Aliquot #	AB-250428-018 Dup - Field 1		**Parent Aliquot #**		2025-0637-1-09	
Water Temperature		17.6	°C	0.00	0 - 20	AB-250428-018
Aliquot #	AB-250428-018 Dup - Field 2		**Parent Aliquot #**		2025-0640-1-09	
Water Temperature		13.3	°C	0.00	0 - 20	AB-250428-018
Aliquot #	AB-250429-002 Dup - Field 1		**Parent Aliquot #**		2025-0637-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250429-002
Calcium		82.6	mg/L	0.26	0 - 20	AB-250429-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250429-002
Magnesium		2.16	mg/L	1.32	0 - 20	AB-250429-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250429-002
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250429-002

Sodium		19.9	mg/L	1.44	0 - 20	AB-250429-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250429-002
Aliquot #	AB-250429-002 Dup - Field 2		**Parent Aliquot #**	2025-0640-4-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250429-002
Calcium		53.7	mg/L	0.83	0 - 20	AB-250429-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250429-002
Magnesium		1.35	mg/L	1.40	0 - 20	AB-250429-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250429-002
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250429-002
Sodium		16.7	mg/L	1.30	0 - 20	AB-250429-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250429-002
Aliquot #	AB-250429-005 Dup - Field 1		**Parent Aliquot #**	2025-0637-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250429-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Barium		24.8	ug/L	0.73	0 - 20	AB-250429-005
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250429-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250429-005
Copper		34.0	ug/L	10.05	0 - 20	AB-250429-005
Lead		0.865	ug/L	20.89	0 - 20	AB-250429-005
Nickel		0.688	ug/L	1.94	0 - 20	AB-250429-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250429-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-250429-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250429-005
Vanadium		0.281	ug/L	6.92	0 - 20	AB-250429-005
Zinc		36.9	ug/L	2.38	0 - 20	AB-250429-005
Aliquot #	AB-250429-005 Dup - Field 2		**Parent Aliquot #**	2025-0640-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250429-005
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Barium		32.0	ug/L	1.22	0 - 20	AB-250429-005
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250429-005
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250429-005
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250429-005
Copper		1.91	ug/L	127.38	0 - 20	AB-250429-005
Lead		<0.500	ug/L	0.00	0 - 20	AB-250429-005
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250429-005
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250429-005
Silver		<0.100	ug/L	0.00	0 - 20	AB-250429-005
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250429-005
Vanadium		0.243	ug/L	15.10	0 - 20	AB-250429-005
Zinc		6.21	ug/L	38.78	0 - 20	AB-250429-005