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 0319-0328

Date and Time Received: 2/25/2025 13:16:00

Work Order Number: WO-250225-02

Case Narrative:

Samples with "P" qualifiers below or close to below reporting limit.

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	1.0°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description
H	Samples were received, extracted, and/or analyzed out of holding time
P	Orthophosphate result > Total Phosphate result
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: CC-Whrd-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 2/24/2025 10:15
Sample Barcode: Sample Number: 2025-0319

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

Aliquot #: 2025-0319-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	118	mg/L		6.00	1	2/26/2025 14:36

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

Aliquot #: 2025-0319-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:28

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

Aliquot #: 2025-0319-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.10	mg/L		0.10	1	2/26/2025 12:16
Chloride	49.2	mg/L		0.50	1	2/26/2025 12:16
Bromide	0.13	mg/L		0.10	1	2/26/2025 12:16
Sulfate	21.7	mg/L		0.50	1	2/26/2025 12:16

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

Aliquot #: 2025-0319-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.53	mg/L		0.05	1	2/25/2025 16:28

Analytical Results

Collector: Geological, Arkansas Site: CC-Whrd-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:15

Sample Barcode: Sample Number: 2025-0319

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

Aliquot #: 2025-0319-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/25/2025 16:28

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

Aliquot #: 2025-0319-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.96	None			1	2/24/2025 10:15

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

Aliquot #: 2025-0319-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	452	uS/cm		1.00	1	2/26/2025 11:02

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

Aliquot #: 2025-0319-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	264	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0319-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	7.70	°C			1	2/24/2025 10:15

Analytical Results

Collector: Geological, Arkansas Site: CC-Whrd-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:15

Sample Barcode: Sample Number: 2025-0319

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

Aliquot #: 2025-0319-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	3.50	mg/L		2.00	1	2/25/2025 14:00

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

Aliquot #: 2025-0319-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	5.00	NTU	H	0.05	1	2/26/2025 11:02

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

Aliquot #: 2025-0319-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	2/27/2025 10:43
Total Nitrogen from Lachat	1.62	mg/L		0.10	1	2/27/2025 10:43

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

Aliquot #: 2025-0319-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/27/2025 10:43

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

Aliquot #: 2025-0319-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.53	mg/L		1.00	1	2/26/2025 16:40

Analytical Results

Collector: Geological, Arkansas Site: CC-Whrd-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:15

Sample Barcode: Sample Number: 2025-0319

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

Aliquot #: 2025-0319-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:04
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:04
Barium	49.0	ug/L		1.00	1	3/3/2025 14:04
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:04
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:04
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:04
Cobalt	<0.100	ug/L		0.10	1	3/3/2025 14:04
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:04
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:04
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:04
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:04
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:04
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:04
Vanadium	0.362	ug/L		0.20	1	3/3/2025 14:04
Zinc	5.27	ug/L		5.00	1	3/3/2025 14:04

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

Aliquot #: 2025-0319-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 13:55
Calcium	55.9	mg/L		5.00	5	2/27/2025 15:08
Iron	<0.100	mg/L		0.10	1	2/27/2025 13:55
Magnesium	3.50	mg/L		1.00	1	2/27/2025 13:55
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 13:55
Potassium	1.65	mg/L		1.00	1	2/27/2025 13:55
Sodium	25.7	mg/L		1.00	1	2/27/2025 13:55
Hardness	154	mg/L		1.00	1	2/27/2025 15:08
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 13:55

Analytical Results

Collector: Geological, Arkansas Site: CC-Whrd-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:15

Sample Barcode: Sample Number: 2025-0319

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

Aliquot #: 2025-0319-4-01 **Batch Number: AB-250319-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:13
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:13
Barium	49.3	ug/L		1.00	1	3/20/2025 12:13
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:13
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:13
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:13
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 12:13
Copper	0.526	ug/L		0.50	1	3/20/2025 12:13
Lead	<0.500	ug/L		0.50	1	3/20/2025 12:13
Nickel	<0.500	ug/L		0.50	1	3/20/2025 12:13
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:13
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:13
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:13
Vanadium	0.318	ug/L		0.20	1	3/20/2025 12:13
Zinc	5.03	ug/L		5.00	1	3/20/2025 12:13

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

Aliquot #: 2025-0319-4-02 **Batch Number: AB-250324-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:26
Calcium	55.9	mg/L		5.00	5	3/24/2025 13:33
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:26
Magnesium	3.69	mg/L		1.00	1	3/24/2025 11:26
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:26
Potassium	1.78	mg/L		1.00	1	3/24/2025 11:26
Sodium	27.4	mg/L		1.00	1	3/24/2025 11:26
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:26

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-A-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 12:28

Sample Barcode: Sample Number: 2025-0320

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

Aliquot #: 2025-0320-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	128	mg/L		6.00	1	2/26/2025 14:38

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

Aliquot #: 2025-0320-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.044	mg/L		0.03	1	2/25/2025 16:29

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

Aliquot #: 2025-0320-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 12:25
Chloride	11.0	mg/L		0.50	1	2/26/2025 12:25
Bromide	0.12	mg/L		0.10	1	2/26/2025 12:25
Sulfate	10.1	mg/L		0.50	1	2/26/2025 12:25

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

Aliquot #: 2025-0320-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.67	mg/L		0.05	1	2/25/2025 16:29

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

Aliquot #: 2025-0320-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/25/2025 16:29

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-A-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 12:28

Sample Barcode: Sample Number: 2025-0320

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

Aliquot #: 2025-0320-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.01	None			1	2/24/2025 12:28

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

Aliquot #: 2025-0320-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	337	uS/cm		1.00	1	2/26/2025 11:03

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

Aliquot #: 2025-0320-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	198	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0320-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.7	°C			1	2/24/2025 12:28

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

Aliquot #: 2025-0320-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	13.0	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-A-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 12:28

Sample Barcode: Sample Number: 2025-0320

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

Aliquot #: 2025-0320-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	5.79	NTU		0.05	1	2/26/2025 11:03

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

Aliquot #: 2025-0320-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.26	mg/L		0.10	1	2/27/2025 10:44
Total Nitrogen from Lachat	3.93	mg/L		0.10	1	2/27/2025 10:44

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

Aliquot #: 2025-0320-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/27/2025 10:44

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

Aliquot #: 2025-0320-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 16:54

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-A-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 12:28

Sample Barcode: Sample Number: 2025-0320

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

Aliquot #: 2025-0320-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:08
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:08
Barium	74.5	ug/L		1.00	1	3/3/2025 14:08
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:08
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:08
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:08
Cobalt	0.222	ug/L		0.10	1	3/3/2025 14:08
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:08
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:08
Nickel	0.515	ug/L		0.50	1	3/3/2025 14:08
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:08
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:08
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:08
Vanadium	0.374	ug/L		0.20	1	3/3/2025 14:08
Zinc	<5.00	ug/L		5.00	1	3/3/2025 14:08

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

Aliquot #: 2025-0320-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 13:57
Calcium	51.8	mg/L		5.00	5	2/27/2025 15:10
Iron	<0.100	mg/L		0.10	1	2/27/2025 13:57
Magnesium	2.67	mg/L		1.00	1	2/27/2025 13:57
Manganese	0.0821	mg/L		0.02	1	2/27/2025 13:57
Potassium	2.62	mg/L		1.00	1	2/27/2025 13:57
Sodium	10.0	mg/L		1.00	1	2/27/2025 13:57
Hardness	140	mg/L		1.00	1	2/27/2025 15:10
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 13:57

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-A-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 12:28

Sample Barcode: Sample Number: 2025-0320

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

Aliquot #: 2025-0320-4-01 **Batch Number: AB-250319-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:17
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:17
Barium	72.9	ug/L		1.00	1	3/20/2025 12:17
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:17
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:17
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:17
Cobalt	0.249	ug/L		0.10	1	3/20/2025 12:17
Copper	<0.500	ug/L		0.50	1	3/20/2025 12:17
Lead	<0.500	ug/L		0.50	1	3/20/2025 12:17
Nickel	0.512	ug/L		0.50	1	3/20/2025 12:17
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:17
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:17
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:17
Vanadium	0.354	ug/L		0.20	1	3/20/2025 12:17
Zinc	<5.00	ug/L		5.00	1	3/20/2025 12:17

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

Aliquot #: 2025-0320-4-02 **Batch Number: AB-250324-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:27
Calcium	52.9	mg/L		5.00	5	3/24/2025 13:34
Iron	0.147	mg/L		0.10	1	3/24/2025 11:27
Magnesium	2.76	mg/L		1.00	1	3/24/2025 11:27
Manganese	0.0858	mg/L		0.02	1	3/24/2025 11:27
Potassium	2.60	mg/L		1.00	1	3/24/2025 11:27
Sodium	10.4	mg/L		1.00	1	3/24/2025 11:27
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:27

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-B-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 13:03

Sample Barcode: Sample Number: 2025-0321

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

Aliquot #: 2025-0321-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	141	mg/L		6.00	1	2/26/2025 14:39

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

Aliquot #: 2025-0321-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:30

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

Aliquot #: 2025-0321-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 12:34
Chloride	11.6	mg/L		0.50	1	2/26/2025 12:34
Bromide	0.13	mg/L		0.10	1	2/26/2025 12:34
Sulfate	9.32	mg/L		0.50	1	2/26/2025 12:34

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

Aliquot #: 2025-0321-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.81	mg/L		0.05	1	2/25/2025 16:30

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

Aliquot #: 2025-0321-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/25/2025 16:30

Analytical Results

Collector: Geological, Arkansas | Site: Rouse-Spr-B-01 | **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/24/2025 13:03
Sample Number: 2025-0321

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

Aliquot #: 2025-0321-1-06 | **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.88	None			1	2/24/2025 13:03

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

Aliquot #: 2025-0321-1-07 | **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	359	uS/cm		1.00	1	2/26/2025 11:06

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

Aliquot #: 2025-0321-1-08 | **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	212	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0321-1-09 | **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	14.9	°C			1	2/24/2025 13:03

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

Aliquot #: 2025-0321-1-10 | **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	54.0	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas | Site: Rouse-Spr-B-01 | **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/24/2025 13:03
Sample Number: 2025-0321

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

Aliquot #: 2025-0321-1-11 | **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	18.5	NTU		0.05	1	2/26/2025 11:06

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

Aliquot #: 2025-0321-1-12 | **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.27	mg/L		0.10	1	2/27/2025 10:45
Total Nitrogen from Lachat	4.08	mg/L		0.10	1	2/27/2025 10:45

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

Aliquot #: 2025-0321-1-13 | **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.11	mg/L		0.02	1	2/27/2025 10:45

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

Aliquot #: 2025-0321-2-01 | **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 17:08

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-B-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 13:03

Sample Barcode: Sample Number: 2025-0321

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

Aliquot #: 2025-0321-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:12
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:12
Barium	71.4	ug/L		1.00	1	3/3/2025 14:12
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:12
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:12
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:12
Cobalt	0.159	ug/L		0.10	1	3/3/2025 14:12
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:12
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:12
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:12
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:12
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:12
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:12
Vanadium	0.290	ug/L		0.20	1	3/3/2025 14:12
Zinc	<5.00	ug/L		5.00	1	3/3/2025 14:12

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

Aliquot #: 2025-0321-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:01
Calcium	57.5	mg/L		5.00	5	2/27/2025 15:16
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:01
Magnesium	2.89	mg/L		1.00	1	2/27/2025 14:01
Manganese	0.0642	mg/L		0.02	1	2/27/2025 14:01
Potassium	2.93	mg/L		1.00	1	2/27/2025 14:01
Sodium	9.01	mg/L		1.00	1	2/27/2025 14:01
Hardness	155	mg/L		1.00	1	2/27/2025 15:16
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:01

Analytical Results

Collector: Geological, Arkansas Site: Rouse-Spr-B-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 13:03

Sample Barcode: Sample Number: 2025-0321

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

Aliquot #: 2025-0321-4-01 **Batch Number: AB-250319-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:21
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:21
Barium	69.9	ug/L		1.00	1	3/20/2025 12:21
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:21
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:21
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:21
Cobalt	0.187	ug/L		0.10	1	3/20/2025 12:21
Copper	<0.500	ug/L		0.50	1	3/20/2025 12:21
Lead	<0.500	ug/L		0.50	1	3/20/2025 12:21
Nickel	<0.500	ug/L		0.50	1	3/20/2025 12:21
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:21
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:21
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:21
Vanadium	0.311	ug/L		0.20	1	3/20/2025 12:21
Zinc	<5.00	ug/L		5.00	1	3/20/2025 12:21

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

Aliquot #: 2025-0321-4-02 **Batch Number: AB-250324-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:29
Calcium	58.7	mg/L		5.00	5	3/24/2025 13:36
Iron	0.166	mg/L		0.10	1	3/24/2025 11:29
Magnesium	2.97	mg/L		1.00	1	3/24/2025 11:29
Manganese	0.0781	mg/L		0.02	1	3/24/2025 11:29
Potassium	3.06	mg/L		1.00	1	3/24/2025 11:29
Sodium	9.33	mg/L		1.00	1	3/24/2025 11:29
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:29

Analytical Results

Collector: Geological, Arkansas Site: Green-830-Spr-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:51

Sample Barcode: Sample Number: 2025-0322

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

Aliquot #: 2025-0322-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	96.4	mg/L		6.00	1	2/26/2025 14:40

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

Aliquot #: 2025-0322-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:31

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

Aliquot #: 2025-0322-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 12:43
Chloride	34.3	mg/L		0.50	1	2/26/2025 12:43
Bromide	0.26	mg/L		0.10	1	2/26/2025 12:43
Sulfate	2.91	mg/L		0.50	1	2/26/2025 12:43

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

Aliquot #: 2025-0322-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	4.67	mg/L		0.05	1	2/25/2025 16:31

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

Aliquot #: 2025-0322-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/25/2025 16:31

Analytical Results

Collector: Geological, Arkansas | Site: Green-830-Spr-01 | **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/24/2025 15:51
Sample Number: 2025-0322

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

Aliquot #: 2025-0322-1-06 | **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.78	None			1	2/24/2025 15:51

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

Aliquot #: 2025-0322-1-07 | **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	353	uS/cm		1.00	1	2/26/2025 11:07

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

Aliquot #: 2025-0322-1-08 | **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	223	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0322-1-09 | **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	14.7	°C			1	2/24/2025 15:51

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

Aliquot #: 2025-0322-1-10 | **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	3.75	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas | Site: Green-830-Spr-01 | **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/24/2025 15:51
Sample Number: 2025-0322

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

Aliquot #: 2025-0322-1-11 | **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.50	NTU		0.05	1	2/26/2025 11:07

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

Aliquot #: 2025-0322-1-12 | **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	2/27/2025 10:46
Total Nitrogen from Lachat	4.66	mg/L		0.10	1	2/27/2025 10:46

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

Aliquot #: 2025-0322-1-13 | **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/27/2025 10:46

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

Aliquot #: 2025-0322-2-01 | **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 17:22

Analytical Results

Collector: Geological, Arkansas Site: Green-830-Spr-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:51

Sample Barcode: Sample Number: 2025-0322

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

Aliquot #: 2025-0322-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:16
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:16
Barium	30.6	ug/L		1.00	1	3/3/2025 14:16
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:16
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:16
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:16
Cobalt	<0.100	ug/L		0.10	1	3/3/2025 14:16
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:16
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:16
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:16
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:16
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:16
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:16
Vanadium	0.269	ug/L		0.20	1	3/3/2025 14:16
Zinc	5.34	ug/L		5.00	1	3/3/2025 14:16

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

Aliquot #: 2025-0322-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:03
Calcium	48.7	mg/L		1.00	1	2/27/2025 14:03
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:03
Magnesium	2.15	mg/L		1.00	1	2/27/2025 14:03
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 14:03
Potassium	<1.00	mg/L		1.00	1	2/27/2025 14:03
Sodium	14.6	mg/L		1.00	1	2/27/2025 14:03
Hardness	131	mg/L		1.00	1	2/27/2025 14:03
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:03

Analytical Results

Collector: Geological, Arkansas Site: Green-830-Spr-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/24/2025 15:51
Sample Number: 2025-0322

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

Aliquot #: 2025-0322-4-01 **Batch Number: AB-250319-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:25
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:25
Barium	29.6	ug/L		1.00	1	3/20/2025 12:25
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:25
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:25
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:25
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 12:25
Copper	<0.500	ug/L		0.50	1	3/20/2025 12:25
Lead	<0.500	ug/L		0.50	1	3/20/2025 12:25
Nickel	<0.500	ug/L		0.50	1	3/20/2025 12:25
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:25
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:25
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:25
Vanadium	0.239	ug/L		0.20	1	3/20/2025 12:25
Zinc	<5.00	ug/L		5.00	1	3/20/2025 12:25

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

Aliquot #: 2025-0322-4-02 **Batch Number: AB-250324-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:30
Calcium	49.3	mg/L		1.00	1	3/24/2025 11:30
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:30
Magnesium	2.23	mg/L		1.00	1	3/24/2025 11:30
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:30
Potassium	<1.00	mg/L		1.00	1	3/24/2025 11:30
Sodium	15.2	mg/L		1.00	1	3/24/2025 11:30
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:30

Analytical Results

Collector: Geological, Arkansas Site: WC-Spr-830-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:50

Sample Barcode: Sample Number: 2025-0323

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

Aliquot #: 2025-0323-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	63.2	mg/L		6.00	1	2/26/2025 14:41

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

Aliquot #: 2025-0323-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:33

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

Aliquot #: 2025-0323-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 12:51
Chloride	6.56	mg/L		0.50	1	2/26/2025 12:51
Bromide	<0.10	mg/L		0.10	1	2/26/2025 12:51
Sulfate	3.82	mg/L		0.50	1	2/26/2025 12:51

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

Aliquot #: 2025-0323-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.00	mg/L		0.25	5	2/25/2025 16:54

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

Aliquot #: 2025-0323-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.035	mg/L	P	0.02	1	2/25/2025 16:33

Analytical Results

Collector: Geological, Arkansas Site: WC-Spr-830-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:50

Sample Barcode: Sample Number: 2025-0323

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

Aliquot #: 2025-0323-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.28	None			1	2/24/2025 16:50

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

Aliquot #: 2025-0323-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	215	uS/cm		1.00	1	2/26/2025 11:08

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

Aliquot #: 2025-0323-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	143	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0323-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	11.7	°C			1	2/24/2025 16:50

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

Aliquot #: 2025-0323-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: WC-Spr-830-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:50

Sample Barcode: Sample Number: 2025-0323

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

Aliquot #: 2025-0323-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	3.70	NTU		0.05	1	2/26/2025 11:08

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

Aliquot #: 2025-0323-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	2/27/2025 10:49
Total Nitrogen from Lachat	5.80	mg/L		0.50	5	2/27/2025 10:49

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

Aliquot #: 2025-0323-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	2/27/2025 10:48

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

Aliquot #: 2025-0323-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 17:37

Analytical Results

Collector: Geological, Arkansas Site: WC-Spr-830-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:50

Sample Barcode: Sample Number: 2025-0323

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

Aliquot #: 2025-0323-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:20
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:20
Barium	57.4	ug/L		1.00	1	3/3/2025 14:20
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:20
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:20
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:20
Cobalt	<0.100	ug/L		0.10	1	3/3/2025 14:20
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:20
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:20
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:20
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:20
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:20
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:20
Vanadium	0.376	ug/L		0.20	1	3/3/2025 14:20
Zinc	<5.00	ug/L		5.00	1	3/3/2025 14:20

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

Aliquot #: 2025-0323-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:05
Calcium	31.3	mg/L		1.00	1	2/27/2025 14:05
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:05
Magnesium	1.84	mg/L		1.00	1	2/27/2025 14:05
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 14:05
Potassium	3.13	mg/L		1.00	1	2/27/2025 14:05
Sodium	4.69	mg/L		1.00	1	2/27/2025 14:05
Hardness	85.7	mg/L		1.00	1	2/27/2025 14:05
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:05

Analytical Results

Collector: Geological, Arkansas Site: WC-Spr-830-01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:50

Sample Barcode: Sample Number: 2025-0323

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

Aliquot #: 2025-0323-4-01 **Batch Number: AB-250319-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:29
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:29
Barium	58.0	ug/L		1.00	1	3/20/2025 12:29
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:29
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:29
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:29
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 12:29
Copper	<0.500	ug/L		0.50	1	3/20/2025 12:29
Lead	<0.500	ug/L		0.50	1	3/20/2025 12:29
Nickel	<0.500	ug/L		0.50	1	3/20/2025 12:29
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:29
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:29
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:29
Vanadium	0.558	ug/L		0.20	1	3/20/2025 12:29
Zinc	<5.00	ug/L		5.00	1	3/20/2025 12:29

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

Aliquot #: 2025-0323-4-02 **Batch Number: AB-250324-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.139	mg/L		0.10	1	3/24/2025 11:32
Calcium	31.8	mg/L		1.00	1	3/24/2025 11:32
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:32
Magnesium	1.92	mg/L		1.00	1	3/24/2025 11:32
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:32
Potassium	3.24	mg/L		1.00	1	3/24/2025 11:32
Sodium	4.93	mg/L		1.00	1	3/24/2025 11:32
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:32

Analytical Results

Collector: Geological, Arkansas Site: OG-12601-w01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:49

Sample Barcode: Sample Number: 2025-0324

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

Aliquot #: 2025-0324-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	142	mg/L		6.00	1	2/26/2025 14:42

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

Aliquot #: 2025-0324-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:34

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

Aliquot #: 2025-0324-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 13:00
Chloride	16.3	mg/L		0.50	1	2/26/2025 13:00
Bromide	<0.10	mg/L		0.10	1	2/26/2025 13:00
Sulfate	2.88	mg/L		0.50	1	2/26/2025 13:00

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

Aliquot #: 2025-0324-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	8.20	mg/L		0.25	5	2/25/2025 16:55

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

Aliquot #: 2025-0324-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.034	mg/L		0.02	1	2/25/2025 16:34

Analytical Results

Collector: Geological, Arkansas | Site: OG-12601-w01 | **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring | Project: EVT

Matrix: Water | Collected: 2/24/2025 10:49

Sample Barcode: | Sample Number: 2025-0324

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

Aliquot #: 2025-0324-1-06 | **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.09	None			1	2/24/2025 10:49

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

Aliquot #: 2025-0324-1-07 | **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	405	uS/cm		1.00	1	2/26/2025 11:09

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

Aliquot #: 2025-0324-1-08 | **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	256	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0324-1-09 | **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	15.4	°C			1	2/24/2025 10:49

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

Aliquot #: 2025-0324-1-10 | **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	138	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: OG-12601-w01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:49

Sample Barcode: Sample Number: 2025-0324

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

Aliquot #: 2025-0324-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	65.6	NTU	H; R	0.05	1	2/26/2025 11:09

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

Aliquot #: 2025-0324-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.45	mg/L	R	0.10	1	2/27/2025 10:51
Total Nitrogen from Lachat	8.65	mg/L		0.50	5	2/27/2025 10:51

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

Aliquot #: 2025-0324-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.16	mg/L	R	0.02	1	2/27/2025 10:50

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

Aliquot #: 2025-0324-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 17:52

Analytical Results

Collector: Geological, Arkansas Site: OG-12601-w01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:49

Sample Barcode: Sample Number: 2025-0324

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

Aliquot #: 2025-0324-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:32
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:32
Barium	44.4	ug/L		1.00	1	3/3/2025 14:32
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:32
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:32
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:32
Cobalt	<0.100	ug/L		0.10	1	3/3/2025 14:32
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:32
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:32
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:32
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:32
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:32
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:32
Vanadium	0.212	ug/L	R	0.20	1	3/3/2025 14:32
Zinc	5.95	ug/L		5.00	1	3/3/2025 14:32

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

Aliquot #: 2025-0324-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:06
Calcium	62.6	mg/L		5.00	5	2/27/2025 15:12
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:06
Magnesium	1.51	mg/L		1.00	1	2/27/2025 14:06
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 14:06
Potassium	1.06	mg/L		1.00	1	2/27/2025 14:06
Sodium	13.5	mg/L		1.00	1	2/27/2025 14:06
Hardness	163	mg/L		1.00	1	2/27/2025 15:12
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:06

Analytical Results

Collector: Geological, Arkansas Site: OG-12601-w01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 10:49

Sample Barcode: Sample Number: 2025-0324

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

Aliquot #: 2025-0324-4-01 **Batch Number: AB-250319-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 12:45
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 12:45
Barium	44.3	ug/L		1.00	1	3/20/2025 12:45
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 12:45
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 12:45
Chromium	<1.00	ug/L		1.00	1	3/20/2025 12:45
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 12:45
Copper	1.06	ug/L	R	0.50	1	3/20/2025 12:45
Lead	0.542	ug/L	R	0.50	1	3/20/2025 12:45
Nickel	<0.500	ug/L		0.50	1	3/20/2025 12:45
Selenium	<5.00	ug/L		5.00	1	3/20/2025 12:45
Silver	<0.100	ug/L		0.10	1	3/20/2025 12:45
Thallium	<0.500	ug/L		0.50	1	3/20/2025 12:45
Vanadium	0.377	ug/L		0.20	1	3/20/2025 12:45
Zinc	5.45	ug/L		5.00	1	3/20/2025 12:45

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

Aliquot #: 2025-0324-4-02 **Batch Number: AB-250324-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:38
Calcium	64.6	mg/L		5.00	5	3/24/2025 13:37
Iron	0.188	mg/L	R	0.10	1	3/24/2025 11:38
Magnesium	1.56	mg/L		1.00	1	3/24/2025 11:38
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:38
Potassium	1.13	mg/L		1.00	1	3/24/2025 11:38
Sodium	14.1	mg/L		1.00	1	3/24/2025 11:38
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:38

Analytical Results

Collector: Geological, Arkansas Site: May-980-w02 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:15

Sample Barcode: Sample Number: 2025-0325

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

Aliquot #: 2025-0325-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	198	mg/L		6.00	1	2/26/2025 14:45

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

Aliquot #: 2025-0325-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.195	mg/L		0.03	1	2/25/2025 16:36

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

Aliquot #: 2025-0325-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 13:18
Chloride	11.3	mg/L		0.50	1	2/26/2025 13:18
Bromide	<0.10	mg/L		0.10	1	2/26/2025 13:18
Sulfate	2.54	mg/L		0.50	1	2/26/2025 13:18

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

Aliquot #: 2025-0325-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	7.05	mg/L		0.25	5	2/25/2025 16:57

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

Aliquot #: 2025-0325-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L	P	0.02	1	2/25/2025 16:36

Analytical Results

Collector: Geological, Arkansas Site: May-980-w02 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:15

Sample Barcode: Sample Number: 2025-0325

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

Aliquot #: 2025-0325-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.37	None			1	2/24/2025 15:15

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

Aliquot #: 2025-0325-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	479	uS/cm		1.00	1	2/26/2025 11:12

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

Aliquot #: 2025-0325-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	290	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0325-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.6	°C			1	2/24/2025 15:15

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

Aliquot #: 2025-0325-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	3.50	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: May-980-w02 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:15

Sample Barcode: Sample Number: 2025-0325

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

Aliquot #: 2025-0325-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.78	NTU		0.05	1	2/26/2025 11:12

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

Aliquot #: 2025-0325-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.85	mg/L		0.10	1	2/27/2025 10:58
Total Nitrogen from Lachat	7.90	mg/L		0.50	5	2/27/2025 10:58

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

Aliquot #: 2025-0325-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/27/2025 10:57

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

Aliquot #: 2025-0325-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 19:18

Analytical Results

Collector: Geological, Arkansas Site: May-980-w02 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:15

Sample Barcode: Sample Number: 2025-0325

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

Aliquot #: 2025-0325-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:40
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:40
Barium	29.6	ug/L		1.00	1	3/3/2025 14:40
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:40
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:40
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:40
Cobalt	0.312	ug/L		0.10	1	3/3/2025 14:40
Copper	1.67	ug/L		0.50	1	3/3/2025 14:40
Lead	0.646	ug/L		0.50	1	3/3/2025 14:40
Nickel	3.04	ug/L		0.50	1	3/3/2025 14:40
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:40
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:40
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:40
Vanadium	0.269	ug/L		0.20	1	3/3/2025 14:40
Zinc	995	ug/L		250.00	50	3/3/2025 14:40

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

Aliquot #: 2025-0325-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:09
Calcium	86.3	mg/L		5.00	5	2/27/2025 15:15
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:09
Magnesium	1.69	mg/L		1.00	1	2/27/2025 14:09
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 14:09
Potassium	<1.00	mg/L		1.00	1	2/27/2025 14:09
Sodium	8.28	mg/L		1.00	1	2/27/2025 14:09
Hardness	222	mg/L		1.00	1	2/27/2025 15:15
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:09

Analytical Results

Collector: Geological, Arkansas Site: May-980-w02 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 15:15

Sample Barcode: Sample Number: 2025-0325

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

Aliquot #: 2025-0325-4-01 **Batch Number: AB-250319-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 13:09
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 13:09
Barium	29.5	ug/L		1.00	1	3/20/2025 13:09
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 13:09
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 13:09
Chromium	1.03	ug/L		1.00	1	3/20/2025 13:09
Cobalt	0.357	ug/L		0.10	1	3/20/2025 13:09
Copper	3.73	ug/L		0.50	1	3/20/2025 13:09
Lead	0.960	ug/L		0.50	1	3/20/2025 13:09
Nickel	3.13	ug/L		0.50	1	3/20/2025 13:09
Selenium	<5.00	ug/L		5.00	1	3/20/2025 13:09
Silver	<0.100	ug/L		0.10	1	3/20/2025 13:09
Thallium	<0.500	ug/L		0.50	1	3/20/2025 13:09
Vanadium	<0.200	ug/L		0.20	1	3/20/2025 13:09
Zinc	889	ug/L		5.00	1	3/20/2025 13:09

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

Aliquot #: 2025-0325-4-02 **Batch Number: AB-250324-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:48
Calcium	87.8	mg/L		5.00	5	3/24/2025 13:41
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:48
Magnesium	1.77	mg/L		1.00	1	3/24/2025 11:48
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:48
Potassium	<1.00	mg/L		1.00	1	3/24/2025 11:48
Sodium	8.63	mg/L		1.00	1	3/24/2025 11:48
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:48

Analytical Results

Collector: Geological, Arkansas Site: WC-831-C01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:30

Sample Barcode: Sample Number: 2025-0326

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

Aliquot #: 2025-0326-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	89.2	mg/L		6.00	1	2/26/2025 14:48

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

Aliquot #: 2025-0326-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:40

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

Aliquot #: 2025-0326-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 13:27
Chloride	9.36	mg/L		0.50	1	2/26/2025 13:27
Bromide	<0.10	mg/L		0.10	1	2/26/2025 13:27
Sulfate	3.87	mg/L		0.50	1	2/26/2025 13:27

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

Aliquot #: 2025-0326-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.35	mg/L		0.25	5	2/25/2025 16:58

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

Aliquot #: 2025-0326-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.024	mg/L	P	0.02	1	2/25/2025 16:40

Analytical Results

Collector: Geological, Arkansas Site: WC-831-C01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:30

Sample Barcode: Sample Number: 2025-0326

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

Aliquot #: 2025-0326-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.53	None			1	2/24/2025 16:30

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

Aliquot #: 2025-0326-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	268	uS/cm		1.00	1	2/26/2025 11:15

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

Aliquot #: 2025-0326-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	166	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0326-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	12.1	°C			1	2/24/2025 16:30

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

Aliquot #: 2025-0326-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: WC-831-C01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:30

Sample Barcode: Sample Number: 2025-0326

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

Aliquot #: 2025-0326-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.83	NTU		0.05	1	2/26/2025 11:15

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

Aliquot #: 2025-0326-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.15	mg/L		0.10	1	2/27/2025 11:00
Total Nitrogen from Lachat	5.50	mg/L		0.50	5	2/27/2025 11:00

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

Aliquot #: 2025-0326-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	2/27/2025 10:59

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

Aliquot #: 2025-0326-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 19:33

Analytical Results

Collector: Geological, Arkansas Site: WC-831-C01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:30

Sample Barcode: Sample Number: 2025-0326

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

Aliquot #: 2025-0326-3-01 **Batch Number: AB-250227-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/3/2025 14:44
Arsenic	<1.00	ug/L		1.00	1	3/3/2025 14:44
Barium	51.2	ug/L		1.00	1	3/3/2025 14:44
Beryllium	<1.00	ug/L		1.00	1	3/3/2025 14:44
Cadmium	<0.300	ug/L		0.30	1	3/3/2025 14:44
Chromium	<1.00	ug/L		1.00	1	3/3/2025 14:44
Cobalt	<0.100	ug/L		0.10	1	3/3/2025 14:44
Copper	<0.500	ug/L		0.50	1	3/3/2025 14:44
Lead	<0.500	ug/L		0.50	1	3/3/2025 14:44
Nickel	<0.500	ug/L		0.50	1	3/3/2025 14:44
Selenium	<5.00	ug/L		5.00	1	3/3/2025 14:44
Silver	<0.100	ug/L		0.10	1	3/3/2025 14:44
Thallium	<0.500	ug/L		0.50	1	3/3/2025 14:44
Vanadium	0.369	ug/L		0.20	1	3/3/2025 14:44
Zinc	<5.00	ug/L		5.00	1	3/3/2025 14:44

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

Aliquot #: 2025-0326-3-02 **Batch Number: AB-250227-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	2/27/2025 14:11
Calcium	41.4	mg/L		1.00	1	2/27/2025 14:11
Iron	<0.100	mg/L		0.10	1	2/27/2025 14:11
Magnesium	1.69	mg/L		1.00	1	2/27/2025 14:11
Manganese	<0.0200	mg/L		0.02	1	2/27/2025 14:11
Potassium	2.41	mg/L		1.00	1	2/27/2025 14:11
Sodium	7.08	mg/L		1.00	1	2/27/2025 14:11
Hardness	110	mg/L		1.00	1	2/27/2025 14:11
Phosphorus	<1.00	mg/L		1.00	1	2/27/2025 14:11

Analytical Results

Collector: Geological, Arkansas Site: WC-831-C01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/24/2025 16:30

Sample Barcode: Sample Number: 2025-0326

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

Aliquot #: 2025-0326-4-01 **Batch Number: AB-250319-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 13:13
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 13:13
Barium	50.0	ug/L		1.00	1	3/20/2025 13:13
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 13:13
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 13:13
Chromium	<1.00	ug/L		1.00	1	3/20/2025 13:13
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 13:13
Copper	<0.500	ug/L		0.50	1	3/20/2025 13:13
Lead	<0.500	ug/L		0.50	1	3/20/2025 13:13
Nickel	<0.500	ug/L		0.50	1	3/20/2025 13:13
Selenium	<5.00	ug/L		5.00	1	3/20/2025 13:13
Silver	<0.100	ug/L		0.10	1	3/20/2025 13:13
Thallium	<0.500	ug/L		0.50	1	3/20/2025 13:13
Vanadium	0.365	ug/L		0.20	1	3/20/2025 13:13
Zinc	<5.00	ug/L		5.00	1	3/20/2025 13:13

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

Aliquot #: 2025-0326-4-02 **Batch Number: AB-250324-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:50
Calcium	40.9	mg/L		1.00	1	3/24/2025 11:50
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:50
Magnesium	1.72	mg/L		1.00	1	3/24/2025 11:50
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:50
Potassium	2.50	mg/L		1.00	1	3/24/2025 11:50
Sodium	7.24	mg/L		1.00	1	3/24/2025 11:50
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:50

Analytical Results

Collector: Geological, Arkansas Site: TD-18106-W01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/25/2025 9:27

Sample Barcode: Sample Number: 2025-0327

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

Aliquot #: 2025-0327-1-01 **Batch Number: AB-250227-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	105	mg/L		6.00	1	2/26/2025 14:50

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

Aliquot #: 2025-0327-1-02 **Batch Number: AB-250225-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	2/25/2025 16:41

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

Aliquot #: 2025-0327-1-03 **Batch Number: AB-250226-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	2/26/2025 13:54
Chloride	1.40	mg/L		0.50	1	2/26/2025 13:54
Bromide	<0.10	mg/L		0.10	1	2/26/2025 13:54
Sulfate	1.25	mg/L		0.50	1	2/26/2025 13:54

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

Aliquot #: 2025-0327-1-04 **Batch Number: AB-250227-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.25	mg/L	R	0.05	1	2/25/2025 16:41

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

Aliquot #: 2025-0327-1-05 **Batch Number: AB-250227-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	2/25/2025 16:41

Analytical Results

Collector: Geological, Arkansas Site: TD-18106-W01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/25/2025 9:27

Sample Barcode: Sample Number: 2025-0327

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

Aliquot #: 2025-0327-1-06 **Batch Number: AB-250303-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.85	None			1	2/25/2025 9:27

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

Aliquot #: 2025-0327-1-07 **Batch Number: AB-250226-011**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	216	uS/cm		1.00	1	2/26/2025 11:15

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

Aliquot #: 2025-0327-1-08 **Batch Number: AB-250226-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	124	mg/L		10.00	1	2/26/2025 16:00

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

Aliquot #: 2025-0327-1-09 **Batch Number: AB-250303-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	13.6	°C			1	2/25/2025 9:27

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

Aliquot #: 2025-0327-1-10 **Batch Number: AB-250226-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	2/25/2025 14:00

Analytical Results

Collector: Geological, Arkansas Site: TD-18106-W01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/25/2025 9:27

Sample Barcode: Sample Number: 2025-0327

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

Aliquot #: 2025-0327-1-11 **Batch Number: AB-250226-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.56	NTU		0.05	1	2/26/2025 11:15

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

Aliquot #: 2025-0327-1-12 **Batch Number: AB-250227-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L	R	0.10	1	2/27/2025 11:01
Total Nitrogen from Lachat	0.22	mg/L	R	0.10	1	2/27/2025 11:01

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

Aliquot #: 2025-0327-1-13 **Batch Number: AB-250227-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	2/27/2025 11:01

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

Aliquot #: 2025-0327-2-01 **Batch Number: AB-250226-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	2/26/2025 19:47

Analytical Results

Collector: Geological, Arkansas Site: TD-18106-W01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 2/25/2025 9:27

Sample Barcode: Sample Number: 2025-0327

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

Aliquot #: 2025-0327-3-01 **Batch Number: AB-250318-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/18/2025 10:42
Arsenic	<1.00	ug/L		1.00	1	3/18/2025 10:42
Barium	29.7	ug/L		1.00	1	3/18/2025 10:42
Beryllium	<1.00	ug/L		1.00	1	3/18/2025 10:42
Cadmium	<0.300	ug/L		0.30	1	3/18/2025 10:42
Chromium	<1.00	ug/L		1.00	1	3/18/2025 10:42
Cobalt	<0.100	ug/L		0.10	1	3/18/2025 10:42
Copper	2.45	ug/L		0.50	1	3/18/2025 10:42
Lead	<0.500	ug/L		0.50	1	3/18/2025 10:42
Nickel	<0.500	ug/L		0.50	1	3/18/2025 10:42
Selenium	<5.00	ug/L		5.00	1	3/18/2025 10:42
Silver	<0.100	ug/L		0.10	1	3/18/2025 10:42
Thallium	<0.500	ug/L		0.50	1	3/18/2025 10:42
Vanadium	<0.200	ug/L	R	0.20	1	3/18/2025 10:42
Zinc	24.4	ug/L		5.00	1	3/18/2025 10:42

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

Aliquot #: 2025-0327-3-02 **Batch Number: AB-250318-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/19/2025 10:43
Calcium	39.5	mg/L		1.00	1	3/19/2025 10:43
Iron	<0.100	mg/L		0.10	1	3/19/2025 10:43
Magnesium	<1.00	mg/L		1.00	1	3/19/2025 10:43
Manganese	<0.0200	mg/L		0.02	1	3/19/2025 10:43
Potassium	<1.00	mg/L		1.00	1	3/19/2025 10:43
Sodium	2.75	mg/L		1.00	1	3/19/2025 10:43
Hardness	102	mg/L		1.00	1	3/19/2025 10:43
Phosphorus	<1.00	mg/L		1.00	1	3/19/2025 10:43

Analytical Results

Collector: Geological, Arkansas Site: TD-18106-W01 **Work Order Number: WO-250225-02**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/25/2025 9:27
Sample Number: 2025-0327

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

Aliquot #: 2025-0327-4-01 **Batch Number: AB-250319-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/20/2025 13:17
Arsenic	<1.00	ug/L		1.00	1	3/20/2025 13:17
Barium	30.6	ug/L		1.00	1	3/20/2025 13:17
Beryllium	<1.00	ug/L		1.00	1	3/20/2025 13:17
Cadmium	<0.300	ug/L		0.30	1	3/20/2025 13:17
Chromium	<1.00	ug/L		1.00	1	3/20/2025 13:17
Cobalt	<0.100	ug/L		0.10	1	3/20/2025 13:17
Copper	2.83	ug/L		0.50	1	3/20/2025 13:17
Lead	<0.500	ug/L		0.50	1	3/20/2025 13:17
Nickel	<0.500	ug/L		0.50	1	3/20/2025 13:17
Selenium	<5.00	ug/L		5.00	1	3/20/2025 13:17
Silver	<0.100	ug/L		0.10	1	3/20/2025 13:17
Thallium	<0.500	ug/L		0.50	1	3/20/2025 13:17
Vanadium	<0.200	ug/L	R	0.20	1	3/20/2025 13:17
Zinc	25.9	ug/L		5.00	1	3/20/2025 13:17

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

Aliquot #: 2025-0327-4-02 **Batch Number: AB-250324-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/24/2025 11:51
Calcium	39.9	mg/L		1.00	1	3/24/2025 11:51
Iron	<0.100	mg/L		0.10	1	3/24/2025 11:51
Magnesium	<1.00	mg/L		1.00	1	3/24/2025 11:51
Manganese	<0.0200	mg/L		0.02	1	3/24/2025 11:51
Potassium	<1.00	mg/L		1.00	1	3/24/2025 11:51
Sodium	2.76	mg/L		1.00	1	3/24/2025 11:51
Phosphorus	<1.00	mg/L		1.00	1	3/24/2025 11:51

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250225-02**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 2/25/2025 9:27
Sample Number: 2025-0328

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

Aliquot #: 2025-0328-1-01 | **Batch Number: AB-250318-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	3/18/2025 10:58
Arsenic	<1.00	ug/L		1.00	1	3/18/2025 10:58
Barium	<1.00	ug/L		1.00	1	3/18/2025 10:58
Beryllium	<1.00	ug/L		1.00	1	3/18/2025 10:58
Cadmium	<0.300	ug/L		0.30	1	3/18/2025 10:58
Chromium	<1.00	ug/L		1.00	1	3/18/2025 10:58
Cobalt	<0.100	ug/L		0.10	1	3/18/2025 10:58
Copper	<0.500	ug/L		0.50	1	3/18/2025 10:58
Lead	<0.500	ug/L		0.50	1	3/18/2025 10:58
Nickel	<0.500	ug/L		0.50	1	3/18/2025 10:58
Selenium	<5.00	ug/L		5.00	1	3/18/2025 10:58
Silver	<0.100	ug/L		0.10	1	3/18/2025 10:58
Thallium	<0.500	ug/L		0.50	1	3/18/2025 10:58
Vanadium	0.229	ug/L		0.20	1	3/18/2025 10:58
Zinc	<5.00	ug/L		5.00	1	3/18/2025 10:58

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

Aliquot #: 2025-0328-1-02 | **Batch Number: AB-250318-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	3/19/2025 10:49
Calcium	<1.00	mg/L		1.00	1	3/19/2025 10:49
Iron	<0.100	mg/L		0.10	1	3/19/2025 10:49
Magnesium	<1.00	mg/L		1.00	1	3/19/2025 10:49
Manganese	<0.0200	mg/L		0.02	1	3/19/2025 10:49
Potassium	<1.00	mg/L		1.00	1	3/19/2025 10:49
Sodium	<1.00	mg/L		1.00	1	3/19/2025 10:49
Hardness	<1.00	mg/L		1.00	1	3/19/2025 10:49
Phosphorus	<1.00	mg/L		1.00	1	3/19/2025 10:49

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 0319-0328 Date and Time Received: 2/25/2025 13:16:00

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-250225-003**		**Parent Sample:**		**2025-0315**		
	mg/L	<0.03	0.03	101.5 /	80-120			-		102.3 / 101.5	80-120	0.8	-	
		SM 5310 C, 2014					**Batch #:**	**AB-250226-001**		**Parent Sample:**		**2025-0324**		
	mg/L	<1.00	1,000.00	103.4 /	85-115			-		96.8 / 92.4	80-120	4.1	-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250226-004**		**Parent Sample:**		**2025-0315**		
Br	mg/L	<0.10	0.10	93.8 /	90-110			-		82.3 / 81.4	80-120	1.0	-	
Cl	mg/L	<0.50	0.50	100.4 /	90-110			-		100.2 / 99.1	80-120	0.9	-	
F	mg/L	<0.10	0.10	99.5 /	90-110			-		96.4 / 95.6	80-120	0.9	-	
SO4	mg/L	<0.50	0.50	101.1 /	90-110			-		99.3 / 98.3	80-120	0.6	-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250226-005**		**Parent Sample:**				
	mg/L	<2.00	2.00	96.3 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250226-007**		**Parent Sample:**				
	mg/L	<10.0	10.00	94.0 /	90-110			-		/	-		-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250226-010**		**Parent Sample:**				
	NTU	<0.05	0.05	102.6 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250226-011**		**Parent Sample:**				
	uS/cm	<1.00	1.00	99.3 /	95-105			-		/	-		-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250227-001**		**Parent Sample:**		**2025-0315**		
	mg/L	<0.02	0.02	96.0 /	80-120			-		90.8 / 90.3	80-120	0.5	-	
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250227-004**		**Parent Sample:**		**2025-0315**		
	mg/L	<0.05	0.05	97.8 /	80-120			-		97.3 / 96.3	80-120	0.7	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250227-007**		**Parent Sample:**				
	mg/L	<6.00	6.00	91.2 /	90-110			-		/	-		-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250227-010**		**Parent Sample:**		**2025-0315**		
	mg/L	<0.10	0.10	97.4 /	80-120			-		105.1 / 98.1	80-120	6.6	-	
		SM 4500-P G, 2021					**Batch #:**	**AB-250227-013**		**Parent Sample:**		**2025-0315**		
	mg/L	<0.02	0.02	100.5 /	80-120			-		100.3 / 100.8	80-120	0.5	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250227-015**		**Parent Sample:**		**2025-0283**		
Al	mg/L	<0.100	0.10	95.0 /	85-115			-		96.5 / 94.4	70-131	2.0	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ca	mg/L	<1.00	1.00	100.4 /	85-115			-		100.9 / 98.3	70-131	1.5	-	
Fe	mg/L	<0.100	0.10	98.5 /	85-115			-		98.9 / 96.8	70-131	1.8	-	
K	mg/L	<1.00	1.00	93.8 /	85-115			-		95.4 / 93.3	70-131	2.0	-	
Mg	mg/L	<1.00	1.00	98.8 /	85-115			-		99.8 / 97.8	70-131	1.7	-	
Mn	mg/L	<0.0200	0.02	100.2 /	85-115			-		99.9 / 97.7	70-131	1.8	-	
Na	mg/L	<1.00	1.00	96.7 /	85-115			-		98.4 / 95.8	70-131	1.5	-	
P	mg/L	<1.00	1.00	99.3 /	85-115			-		100.8 / 98.7	70-131	2.1	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250227-019**		**Parent Sample:**		**2025-0283**		
Ag	ug/L	<0.100	0.10	87.4 /	85-115			-		86.8 / 87.2	70-130	0.5	-	
As	ug/L	<1.00	1.00	97.0 /	85-115			-		95.8 / 99.3	70-130	3.5	-	
Ba	ug/L	<1.00	1.00	94.7 /	85-115			-		91.8 / 95.3	70-130	2.5	-	
Be	ug/L	<1.00	1.00	99.2 /	85-115			-		97.0 / 98.5	70-130	1.5	-	
Cd	ug/L	<0.300	0.30	98.2 /	85-115			-		97.8 / 98.8	70-130	1.0	-	
Co	ug/L	<0.100	0.10	91.1 /	85-115			-		87.8 / 90.8	70-130	3.2	-	
Cr	ug/L	<1.00	1.00	99.5 /	85-115			-		91.3 / 93.9	70-130	2.7	-	
Cu	ug/L	<0.500	0.50	88.8 /	85-115			-		86.2 / 88.2	70-130	2.2	-	
Ni	ug/L	<0.500	0.50	90.1 /	85-115			-		86.2 / 88.8	70-130	2.7	-	
Pb	ug/L	<0.500	0.50	97.3 /	85-115			-		96.0 / 98.6	70-130	2.5	-	
Sb	ug/L	<2.00	2.00	101.8 /	85-115			-		100.9 / 102.5	70-130	1.6	-	
Se	ug/L	<5.00	5.00	100.2 /	85-115			-		99.5 / 102.1	70-130	2.6	-	
Tl	ug/L	<0.500	0.50	96.1 /	85-115			-		94.7 / 96.8	70-130	2.3	-	
V	ug/L	<0.200	0.20	92.4 /	85-115			-		89.5 / 92.7	70-130	3.4	-	
Zn	ug/L	<5.00	5.00	99.6 /	85-115			-		98.0 / 100.7	70-130	2.4	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250318-001**		**Parent Sample:**		**2025-0327**		
Ag	ug/L	<0.100	0.10	87.3 /	85-115			-		87.3 / 85.9	70-130	1.5	-	
As	ug/L	<1.00	1.00	96.3 /	85-115			-		98.8 / 98.4	70-130	0.4	-	
Ba	ug/L	<1.00	1.00	93.7 /	85-115			-		90.6 / 88.8	70-130	1.3	-	
Be	ug/L	<1.00	1.00	92.9 /	85-115			-		100.7 / 97.0	70-130	3.8	-	
Cd	ug/L	<0.300	0.30	96.7 /	85-115			-		98.9 / 97.2	70-130	1.7	-	
Co	ug/L	<0.100	0.10	90.5 /	85-115			-		86.8 / 86.9	70-130	0.1	-	
Cr	ug/L	<1.00	1.00	93.5 /	85-115			-		91.0 / 91.4	70-130	0.4	-	
Cu	ug/L	<0.500	0.50	88.5 /	85-115			-		83.7 / 83.3	70-130	0.4	-	
Ni	ug/L	<0.500	0.50	89.2 /	85-115			-		85.6 / 85.0	70-130	0.7	-	
Pb	ug/L	<0.500	0.50	96.6 /	85-115			-		98.8 / 96.8	70-130	1.9	-	
Sb	ug/L	<2.00	2.00	100.5 /	85-115			-		102.3 / 100.8	70-130	1.4	-	
Se	ug/L	<5.00	5.00	99.7 /	85-115			-		104.9 / 103.5	70-130	1.3	-	
Tl	ug/L	<0.500	0.50	95.6 /	85-115			-		96.3 / 96.2	70-130	0.0	-	
V	ug/L	<0.200	0.20	92.2 /	85-115			-		92.4 / 91.4	70-130	1.0	-	
Zn	ug/L	<5.00	5.00	98.2 /	85-115			-		96.1 / 94.3	70-130	0.9	-	

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-250318-003**		**Parent Sample:**		**2025-0327**		
Al	mg/L	<0.100	0.10	93.5 /	85-115		-			95.6 / 94.6	70-131	1.0	-	
Ca	mg/L	<1.00	1.00	97.0 /	85-115		-			81.4 / 78.6	70-131	0.6	-	
Fe	mg/L	<0.100	0.10	95.5 /	85-115		-			95.5 / 94.1	70-131	1.5	-	
K	mg/L	<1.00	1.00	93.0 /	85-115		-			94.2 / 93.5	70-131	0.7	-	
Mg	mg/L	<1.00	1.00	96.8 /	85-115		-			97.4 / 95.8	70-131	1.5	-	
Mn	mg/L	<0.0200	0.02	97.1 /	85-115		-			97.1 / 95.8	70-131	1.3	-	
Na	mg/L	<1.00	1.00	97.1 /	85-115		-			98.6 / 97.2	70-131	1.1	-	
P	mg/L	<1.00	1.00	96.2 /	85-115		-			98.7 / 97.3	70-131	1.4	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250319-011**		**Parent Sample:**		**2025-0283**		
Ag	ug/L	<0.100	0.10	90.8 /	85-115		-			88.6 / 89.3	70-130	0.7	-	
As	ug/L	<1.00	1.00	98.8 /	85-115		-			98.4 / 100.3	70-130	2.0	-	
Ba	ug/L	<1.00	1.00	96.0 /	85-115		-			94.0 / 97.1	70-130	2.0	-	
Be	ug/L	<1.00	1.00	99.2 /	85-115		-			101.8 / 103.2	70-130	1.4	-	
Cd	ug/L	<0.300	0.30	101.0 /	85-115		-			101.7 / 103.7	70-130	1.9	-	
Co	ug/L	<0.100	0.10	92.7 /	85-115		-			90.6 / 91.3	70-130	0.7	-	
Cr	ug/L	<1.00	1.00	96.4 /	85-115		-			95.4 / 94.7	70-130	0.7	-	
Cu	ug/L	<0.500	0.50	91.4 /	85-115		-			87.5 / 88.7	70-130	1.2	-	
Ni	ug/L	<0.500	0.50	92.5 /	85-115		-			89.8 / 89.9	70-130	0.2	-	
Pb	ug/L	<0.500	0.50	100.3 /	85-115		-			98.8 / 98.7	70-130	0.1	-	
Sb	ug/L	<2.00	2.00	103.0 /	85-115		-			97.9 / 99.2	70-130	1.4	-	
Se	ug/L	<5.00	5.00	101.9 /	85-115		-			105.4 / 106.2	70-130	0.7	-	
Tl	ug/L	<0.500	0.50	98.5 /	85-115		-			97.1 / 97.5	70-130	0.5	-	
V	ug/L	<0.200	0.20	95.4 /	85-115		-			94.9 / 94.9	70-130	0.1	-	
Zn	ug/L	<5.00	5.00	101.8 /	85-115		-			102.9 / 104.3	70-130	1.1	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250319-012**		**Parent Sample:**		**2025-0324**		
Ag	ug/L	<0.100	0.10	88.9 /	85-115		-			86.9 / 84.7	70-130	2.5	-	
As	ug/L	<1.00	1.00	97.3 /	85-115		-			99.6 / 96.3	70-130	3.4	-	
Ba	ug/L	<1.00	1.00	94.6 /	85-115		-			93.1 / 90.8	70-130	1.3	-	
Be	ug/L	<1.00	1.00	98.1 /	85-115		-			102.3 / 97.2	70-130	5.0	-	
Cd	ug/L	<0.300	0.30	100.1 /	85-115		-			101.8 / 98.1	70-130	3.7	-	
Co	ug/L	<0.100	0.10	91.7 /	85-115		-			87.2 / 85.7	70-130	1.7	-	
Cr	ug/L	<1.00	1.00	95.9 /	85-115		-			93.6 / 91.4	70-130	2.2	-	
Cu	ug/L	<0.500	0.50	89.3 /	85-115		-			84.1 / 81.3	70-130	3.3	-	
Ni	ug/L	<0.500	0.50	91.4 /	85-115		-			86.4 / 83.6	70-130	3.2	-	
Pb	ug/L	<0.500	0.50	99.7 /	85-115		-			100.1 / 97.5	70-130	2.2	-	
Sb	ug/L	<2.00	2.00	102.2 /	85-115		-			102.6 / 100.0	70-130	2.5	-	
Se	ug/L	<5.00	5.00	100.2 /	85-115		-			104.5 / 101.2	70-130	3.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Tl	ug/L	<0.500	0.50	97.1 /	85-115			-		99.2 / 97.5	70-130	1.7	-	
V	ug/L	<0.200	0.20	93.1 /	85-115			-		92.9 / 90.7	70-130	2.3	-	
Zn	ug/L	<5.00	5.00	101.3 /	85-115			-		97.8 / 95.1	70-130	2.2	-	
		EPA 200.7					**Batch #:**	**AB-250324-001**			**Parent Sample:**	**2025-0283**		
Al	mg/L	<0.100	0.10	100.8 /	85-115			-		102.8 / 102.0	70-130	0.5	-	
Ca	mg/L	<1.00	1.00	103.9 /	85-115			-		104.1 / 103.5	70-130	0.3	-	
Fe	mg/L	<0.100	0.10	102.1 /	85-115			-		103.3 / 103.1	70-130	0.1	-	
K	mg/L	<1.00	1.00	98.9 /	85-115			-		100.0 / 99.9	70-130	0.1	-	
Mg	mg/L	<1.00	1.00	104.1 /	85-115			-		104.8 / 104.6	70-130	0.1	-	
Mn	mg/L	<0.0200	0.02	103.0 /	85-115			-		102.4 / 102.2	70-130	0.2	-	
Na	mg/L	<1.00	1.00	103.0 /	85-115			-		105.1 / 104.2	70-130	0.5	-	
P	mg/L	<1.00	1.00	102.7 /	85-115			-		103.7 / 103.7	70-130	0.0	-	
		EPA 200.7					**Batch #:**	**AB-250324-002**			**Parent Sample:**	**2025-0324**		
Al	mg/L	<0.100	0.10	99.9 /	85-115			-		101.4 / 98.9	70-130	2.3	-	
Ca	mg/L	<1.00	1.00	102.6 /	85-115			-		102.5 / 92.6	70-130	1.3	-	
Fe	mg/L	<0.100	0.10	101.2 /	85-115			-		100.4 / 97.7	70-130	2.3	-	
K	mg/L	<1.00	1.00	97.5 /	85-115			-		101.7 / 98.1	70-130	3.2	-	
Mg	mg/L	<1.00	1.00	103.4 /	85-115			-		102.5 / 99.5	70-130	2.6	-	
Mn	mg/L	<0.0200	0.02	102.3 /	85-115			-		100.2 / 97.7	70-130	2.4	-	
Na	mg/L	<1.00	1.00	102.3 /	85-115			-		106.3 / 101.2	70-130	2.1	-	
P	mg/L	<1.00	1.00	102.1 /	85-115			-		104.7 / 101.7	70-130	2.9	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250225-02 **Parent Sample** 2025-0324

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250225-003 Dup - Field 2		**Parent Aliquot #**		2025-0324-1-02	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250225-003
Aliquot #	AB-250225-003 Dup - Field 3		**Parent Aliquot #**		2025-0327-1-02	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250225-003
Aliquot #	AB-250226-001 Dup - Field 1		**Parent Aliquot #**		2025-0324-2-01	
Dissolved Organic Carbon		<1.00	mg/L	7.69	0 - 20	AB-250226-001
Aliquot #	AB-250226-001 Dup - Field 2		**Parent Aliquot #**		2025-0327-2-01	
Dissolved Organic Carbon		<1.00	mg/L	11.28	0 - 20	AB-250226-001
Aliquot #	AB-250226-004 Dup - Field 2		**Parent Aliquot #**		2025-0324-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250226-004
Chloride		16.2	mg/L	0.17	0 - 20	AB-250226-004
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250226-004
Sulfate		2.87	mg/L	0.31	0 - 20	AB-250226-004
Aliquot #	AB-250226-004 Dup - Field 3		**Parent Aliquot #**		2025-0327-1-03	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250226-004
Chloride		1.39	mg/L	0.77	0 - 20	AB-250226-004
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250226-004
Sulfate		1.36	mg/L	7.82	0 - 20	AB-250226-004
Aliquot #	AB-250226-005 Dup - Field 2		**Parent Aliquot #**		2025-0324-1-10	
Total Suspended Solids		40.5	mg/L	108.99	0 - 5	AB-250226-005
Aliquot #	AB-250226-005 Dup - Field 3		**Parent Aliquot #**		2025-0327-1-10	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250226-005
Aliquot #	AB-250226-007 Dup - Field 2		**Parent Aliquot #**		2025-0324-1-08	
Total Dissolved Solids		254	mg/L	0.79	0 - 5	AB-250226-007
Aliquot #	AB-250226-007 Dup - Field 3		**Parent Aliquot #**		2025-0327-1-08	
Total Dissolved Solids		120	mg/L	3.68	0 - 5	AB-250226-007
Aliquot #	AB-250226-010 Dup - Field 1		**Parent Aliquot #**		2025-0324-1-11	
Turbidity		19.2	NTU	109.43	0 - 20	AB-250226-010
Aliquot #	AB-250226-010 Dup - Field 2		**Parent Aliquot #**		2025-0327-1-11	
Turbidity		0.60	NTU	6.90	0 - 20	AB-250226-010
Aliquot #	AB-250226-011 Dup - Field 1		**Parent Aliquot #**		2025-0324-1-07	
Specific Conductance		405	uS/cm	0.00	0 - 20	AB-250226-011

Aliquot #	AB-250226-011 Dup - Field 2		**Parent Aliquot #**	2025-0327-1-07		
Specific Conductance		215	uS/cm	0.51	0 - 20	AB-250226-011
Aliquot #	AB-250227-001 Dup - Field 2		**Parent Aliquot #**	2025-0324-1-05		
Orthophosphate as Phosphorus		0.03	mg/L	11.66	0 - 20	AB-250227-001
Aliquot #	AB-250227-001 Dup - Field 3		**Parent Aliquot #**	2025-0327-1-05		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250227-001
Aliquot #	AB-250227-004 Dup - Field 2		**Parent Aliquot #**	2025-0324-1-04		
Nitrite+Nitrate as Nitrogen		8.30	mg/L	1.21	0 - 20	AB-250227-004
Aliquot #	AB-250227-004 Dup - Field 3		**Parent Aliquot #**	2025-0327-1-04		
Nitrite+Nitrate as Nitrogen		0.24	mg/L	2.87	0 - 20	AB-250227-004
Aliquot #	AB-250227-007 Dup - Field 2		**Parent Aliquot #**	2025-0324-1-01		
Alkalinity		143	mg/L	0.70	0 - 20	AB-250227-007
Aliquot #	AB-250227-007 Dup - Field 3		**Parent Aliquot #**	2025-0327-1-01		
Alkalinity		105	mg/L	0.00	0 - 20	AB-250227-007
Aliquot #	AB-250227-010 Dup - Field 2		**Parent Aliquot #**	2025-0324-1-12		
Total Kjeldahl Nitrogen		0.35	mg/L	25.00	0 - 20	AB-250227-010
Aliquot #	AB-250227-010 Dup - Field 3		**Parent Aliquot #**	2025-0327-1-12		
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-250227-010
Aliquot #	AB-250227-013 Dup - Field 2		**Parent Aliquot #**	2025-0324-1-13		
Total Phosphorus		0.08	mg/L	70.46	0 - 20	AB-250227-013
Aliquot #	AB-250227-013 Dup - Field 3		**Parent Aliquot #**	2025-0327-1-13		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250227-013
Aliquot #	AB-250227-015 Dup - Field 2		**Parent Aliquot #**	2025-0324-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250227-015
Calcium		63.3	mg/L	1.05	0 - 20	AB-250227-015
Iron		<0.100	mg/L	0.00	0 - 20	AB-250227-015
Magnesium		1.51	mg/L	0.13	0 - 20	AB-250227-015
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250227-015
Potassium		1.04	mg/L	2.24	0 - 20	AB-250227-015
Sodium		13.4	mg/L	0.42	0 - 20	AB-250227-015
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250227-015
Aliquot #	AB-250227-019 Dup - Field 2		**Parent Aliquot #**	2025-0324-3-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250227-019
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250227-019
Barium		44.9	ug/L	1.05	0 - 20	AB-250227-019
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250227-019
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250227-019
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250227-019
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250227-019

Copper		<0.500	ug/L	0.00	0 - 20	AB-250227-019
Lead		<0.500	ug/L	0.00	0 - 20	AB-250227-019
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250227-019
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250227-019
Silver		<0.100	ug/L	0.00	0 - 20	AB-250227-019
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250227-019
Vanadium		0.347	ug/L	48.00	0 - 20	AB-250227-019
Zinc		7.05	ug/L	16.93	0 - 20	AB-250227-019
Aliquot #	AB-250303-017 Dup - Field 1		**Parent Aliquot #**		2025-0324-1-06	
pH		7.09	units	0.00	0 - 20	AB-250303-017
Aliquot #	AB-250303-017 Dup - Field 2		**Parent Aliquot #**		2025-0327-1-06	
pH		7.85	units	0.00	0 - 20	AB-250303-017
Aliquot #	AB-250303-018 Dup - Field 1		**Parent Aliquot #**		2025-0324-1-09	
Water Temperature		15.4	°C	0.00	0 - 20	AB-250303-018
Aliquot #	AB-250303-018 Dup - Field 2		**Parent Aliquot #**		2025-0327-1-09	
Water Temperature		13.6	°C	0.00	0 - 20	AB-250303-018
Aliquot #	AB-250318-001 Dup - Field 1		**Parent Aliquot #**		2025-0327-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250318-001
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250318-001
Barium		29.8	ug/L	0.36	0 - 20	AB-250318-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250318-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250318-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250318-001
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250318-001
Copper		2.42	ug/L	1.17	0 - 20	AB-250318-001
Lead		<0.500	ug/L	0.00	0 - 20	AB-250318-001
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250318-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250318-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250318-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250318-001
Vanadium		0.334	ug/L	66.52	0 - 20	AB-250318-001
Zinc		24.8	ug/L	1.54	0 - 20	AB-250318-001
Aliquot #	AB-250318-003 Dup - Field 1		**Parent Aliquot #**		2025-0327-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250318-003
Calcium		39.5	mg/L	0.04	0 - 20	AB-250318-003
Iron		<0.100	mg/L	0.00	0 - 20	AB-250318-003
Magnesium		<1.00	mg/L	0.00	0 - 20	AB-250318-003
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250318-003
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250318-003
Sodium		2.73	mg/L	0.57	0 - 20	AB-250318-003
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250318-003
Aliquot #	AB-250319-012 Dup - Field 1		**Parent Aliquot #**		2025-0324-4-01	

Antimony		<2.00	ug/L	0.00	0 - 20	AB-250319-012
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Barium		44.2	ug/L	0.15	0 - 20	AB-250319-012
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250319-012
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250319-012
Copper		0.684	ug/L	42.76	0 - 20	AB-250319-012
Lead		<0.500	ug/L	33.96	0 - 20	AB-250319-012
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250319-012
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250319-012
Silver		<0.100	ug/L	0.00	0 - 20	AB-250319-012
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250319-012
Vanadium		0.317	ug/L	17.24	0 - 20	AB-250319-012
Zinc		5.18	ug/L	5.14	0 - 20	AB-250319-012
Aliquot #	AB-250319-012 Dup - Field 2		**Parent Aliquot #**		2025-0327-4-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250319-012
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Barium		30.4	ug/L	0.83	0 - 20	AB-250319-012
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250319-012
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250319-012
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250319-012
Copper		2.88	ug/L	1.88	0 - 20	AB-250319-012
Lead		<0.500	ug/L	0.00	0 - 20	AB-250319-012
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250319-012
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250319-012
Silver		<0.100	ug/L	0.00	0 - 20	AB-250319-012
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250319-012
Vanadium		0.219	ug/L	35.29	0 - 20	AB-250319-012
Zinc		28.1	ug/L	8.09	0 - 20	AB-250319-012
Aliquot #	AB-250324-002 Dup - Field 1		**Parent Aliquot #**		2025-0324-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250324-002
Calcium		63.4	mg/L	1.86	0 - 20	AB-250324-002
Iron		0.107	mg/L	54.77	0 - 20	AB-250324-002
Magnesium		1.55	mg/L	0.53	0 - 20	AB-250324-002
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250324-002
Potassium		1.09	mg/L	3.57	0 - 20	AB-250324-002
Sodium		14.1	mg/L	0.53	0 - 20	AB-250324-002
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250324-002
Aliquot #	AB-250324-002 Dup - Field 2		**Parent Aliquot #**		2025-0327-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250324-002
Calcium		39.8	mg/L	0.15	0 - 20	AB-250324-002
Iron		<0.100	mg/L	0.00	0 - 20	AB-250324-002

Magnesium	<1.00	mg/L	0.00	0 - 20	AB-250324-002
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250324-002
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250324-002
Sodium	2.78	mg/L	0.54	0 - 20	AB-250324-002
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250324-002