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 1073-1078

Date and Time Received: 6/17/2025 15:08:00

Work Order Number: WO-250617-01

Case Narrative:

1508 3.1

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	3.1°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description

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: GOLF-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT
Matrix: Water Collected: 6/16/2025 15:15
Sample Barcode: Sample Number: 2025-1073

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

Aliquot #: 2025-1073-1-01 **Batch Number: AB-250620-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.24	mg/L		0.05	1	6/18/2025 10:20

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

Aliquot #: 2025-1073-1-02 **Batch Number: AB-250618-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	6/18/2025 10:20

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

Aliquot #: 2025-1073-1-03 **Batch Number: AB-250630-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.42	None			1	6/16/2025 15:15

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

Aliquot #: 2025-1073-1-04 **Batch Number: AB-250618-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	255	uS/cm		1.00	1	6/18/2025 9:51

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

Aliquot #: 2025-1073-1-05 **Batch Number: AB-250619-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	150	mg/L		10.00	1	6/18/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: GOLF-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 15:15

Sample Barcode: Sample Number: 2025-1073

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

Aliquot #: 2025-1073-1-06 **Batch Number: AB-250630-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	22.7	°C			1	6/16/2025 15:15

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

Aliquot #: 2025-1073-1-07 **Batch Number: AB-250619-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	8.75	mg/L		2.00	1	6/17/2025 16:10

Turbidity **Method: EPA 180.1** **Analyst: CAC**

Aliquot #: 2025-1073-1-08 **Batch Number: AB-250618-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.45	NTU		0.05	1	6/18/2025 9:51

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

Aliquot #: 2025-1073-1-09 **Batch Number: AB-250620-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.20	mg/L		0.10	1	6/20/2025 10:54
Total Nitrogen from Lachat	1.44	mg/L		0.10	1	6/20/2025 10:54

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

Aliquot #: 2025-1073-1-10 **Batch Number: AB-250620-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	6/20/2025 10:54

Analytical Results

Collector: Geological, Arkansas Site: GOLF-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 15:15

Sample Barcode: Sample Number: 2025-1073

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

Aliquot #: 2025-1073-1-11 **Batch Number: AB-250618-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	6/18/2025 17:09
Chloride	4.83	mg/L		0.50	1	6/18/2025 17:09
Bromide	0.13	mg/L		0.10	1	6/18/2025 17:09
Sulfate	13.4	mg/L		0.50	1	6/18/2025 17:09

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

Aliquot #: 2025-1073-1-12 **Batch Number: AB-250618-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	6/18/2025 10:20

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

Aliquot #: 2025-1073-1-13 **Batch Number: AB-250620-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	96.6	mg/L		6.00	1	6/18/2025 14:53

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

Aliquot #: 2025-1073-2-01 **Batch Number: AB-250618-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.18	mg/L		1.00	1	6/18/2025 16:31

Analytical Results

Collector: Geological, Arkansas Site: GOLF-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 15:15

Sample Barcode: Sample Number: 2025-1073

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

Aliquot #: 2025-1073-3-01 **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:30
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:30
Barium	88.3	ug/L		1.00	1	7/8/2025 12:30
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:30
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:30
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:30
Cobalt	0.675	ug/L		0.10	1	7/8/2025 12:30
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:30
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:30
Nickel	1.10	ug/L		0.50	1	7/8/2025 12:30
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:30
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:30
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:30
Vanadium	0.368	ug/L		0.20	1	7/8/2025 12:30
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:30

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

Aliquot #: 2025-1073-3-02 **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 9:52
Calcium	40.2	mg/L		1.00	1	7/8/2025 9:52
Iron	<0.100	mg/L		0.10	1	7/8/2025 9:52
Magnesium	2.81	mg/L		1.00	1	7/8/2025 9:52
Manganese	0.254	mg/L		0.02	1	7/8/2025 9:52
Potassium	1.89	mg/L		1.00	1	7/8/2025 9:52
Sodium	6.48	mg/L		1.00	1	7/8/2025 9:52
Hardness	112	mg/L		1.00	1	7/8/2025 9:52
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 9:52

Analytical Results

Collector: Geological, Arkansas Site: GOLF-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 15:15

Sample Barcode: Sample Number: 2025-1073

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

Aliquot #: 2025-1073-4-01 **Batch Number: AB-250630-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/1/2025 11:35
Arsenic	<1.00	ug/L		1.00	1	7/1/2025 11:35
Barium	93.3	ug/L		1.00	1	7/1/2025 11:35
Beryllium	<1.00	ug/L		1.00	1	7/1/2025 11:35
Cadmium	<0.300	ug/L		0.30	1	7/1/2025 11:35
Chromium	<1.00	ug/L		1.00	1	7/1/2025 11:35
Cobalt	0.746	ug/L		0.10	1	7/1/2025 11:35
Copper	<0.500	ug/L		0.50	1	7/1/2025 11:35
Lead	<0.500	ug/L		0.50	1	7/1/2025 11:35
Nickel	1.17	ug/L		0.50	1	7/1/2025 11:35
Selenium	<5.00	ug/L		5.00	1	7/1/2025 11:35
Silver	<0.100	ug/L		0.10	1	7/1/2025 11:35
Thallium	<0.500	ug/L		0.50	1	7/1/2025 11:35
Vanadium	0.408	ug/L		0.20	1	7/1/2025 11:35
Zinc	<5.00	ug/L		5.00	1	7/1/2025 11:35

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

Aliquot #: 2025-1073-4-02 **Batch Number: AB-250630-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/1/2025 9:26
Calcium	41.2	mg/L		1.00	1	7/1/2025 9:26
Iron	0.215	mg/L		0.10	1	7/1/2025 9:26
Magnesium	2.89	mg/L		1.00	1	7/1/2025 9:26
Manganese	0.271	mg/L		0.02	1	7/1/2025 9:26
Potassium	1.87	mg/L		1.00	1	7/1/2025 9:26
Sodium	6.66	mg/L		1.00	1	7/1/2025 9:26
Phosphorus	<1.00	mg/L		1.00	1	7/1/2025 9:26

Analytical Results

Collector: Geological, Arkansas Site: DJNJR-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 16:05

Sample Barcode: Sample Number: 2025-1074

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

Aliquot #: 2025-1074-1-01 **Batch Number: AB-250620-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.55	mg/L		0.05	1	6/18/2025 10:21

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

Aliquot #: 2025-1074-1-02 **Batch Number: AB-250618-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	6/18/2025 10:21

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

Aliquot #: 2025-1074-1-03 **Batch Number: AB-250630-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.73	None			1	6/16/2025 16:05

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

Aliquot #: 2025-1074-1-04 **Batch Number: AB-250618-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	296	uS/cm		1.00	1	6/18/2025 9:52

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

Aliquot #: 2025-1074-1-05 **Batch Number: AB-250619-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	173	mg/L		10.00	1	6/18/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: DJNJR-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 16:05

Sample Barcode: Sample Number: 2025-1074

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

Aliquot #: 2025-1074-1-06 **Batch Number: AB-250630-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.6	°C			1	6/16/2025 16:05

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

Aliquot #: 2025-1074-1-07 **Batch Number: AB-250619-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	6/17/2025 16:10

Turbidity **Method: EPA 180.1** **Analyst: CAC**

Aliquot #: 2025-1074-1-08 **Batch Number: AB-250618-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.47	NTU		0.05	1	6/18/2025 9:52

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

Aliquot #: 2025-1074-1-09 **Batch Number: AB-250620-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.19	mg/L		0.10	1	6/20/2025 10:55
Total Nitrogen from Lachat	1.74	mg/L		0.10	1	6/20/2025 10:55

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

Aliquot #: 2025-1074-1-10 **Batch Number: AB-250620-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	6/20/2025 10:55

Analytical Results

Collector: Geological, Arkansas Site: DJNJR-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 16:05

Sample Barcode: Sample Number: 2025-1074

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

Aliquot #: 2025-1074-1-11 **Batch Number: AB-250618-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	6/18/2025 17:18
Chloride	7.36	mg/L		0.50	1	6/18/2025 17:18
Bromide	0.12	mg/L		0.10	1	6/18/2025 17:18
Sulfate	7.41	mg/L		0.50	1	6/18/2025 17:18

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

Aliquot #: 2025-1074-1-12 **Batch Number: AB-250618-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	6/18/2025 10:21

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

Aliquot #: 2025-1074-1-13 **Batch Number: AB-250620-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	119	mg/L		6.00	1	6/18/2025 14:55

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

Aliquot #: 2025-1074-2-01 **Batch Number: AB-250618-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	6/18/2025 16:45

Analytical Results

Collector: Geological, Arkansas Site: DJNJR-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 16:05

Sample Barcode: Sample Number: 2025-1074

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

Aliquot #: 2025-1074-3-01 **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:34
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:34
Barium	42.2	ug/L		1.00	1	7/8/2025 12:34
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:34
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:34
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:34
Cobalt	0.111	ug/L		0.10	1	7/8/2025 12:34
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:34
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:34
Nickel	<0.500	ug/L		0.50	1	7/8/2025 12:34
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:34
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:34
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:34
Vanadium	<0.200	ug/L		0.20	1	7/8/2025 12:34
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:34

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

Aliquot #: 2025-1074-3-02 **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 9:54
Calcium	50.5	mg/L		5.00	5	7/8/2025 11:01
Iron	<0.100	mg/L		0.10	1	7/8/2025 9:54
Magnesium	1.83	mg/L		1.00	1	7/8/2025 9:54
Manganese	0.0491	mg/L		0.02	1	7/8/2025 9:54
Potassium	1.28	mg/L		1.00	1	7/8/2025 9:54
Sodium	5.27	mg/L		1.00	1	7/8/2025 9:54
Hardness	137	mg/L		1.00	1	7/8/2025 9:54
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 9:54

Analytical Results

Collector: Geological, Arkansas Site: DJNJR-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 16:05

Sample Barcode: Sample Number: 2025-1074

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

Aliquot #: 2025-1074-4-01 **Batch Number: AB-250630-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/1/2025 11:47
Arsenic	<1.00	ug/L		1.00	1	7/1/2025 11:47
Barium	43.6	ug/L		1.00	1	7/1/2025 11:47
Beryllium	<1.00	ug/L		1.00	1	7/1/2025 11:47
Cadmium	<0.300	ug/L		0.30	1	7/1/2025 11:47
Chromium	<1.00	ug/L		1.00	1	7/1/2025 11:47
Cobalt	0.145	ug/L		0.10	1	7/1/2025 11:47
Copper	<0.500	ug/L		0.50	1	7/1/2025 11:47
Lead	<0.500	ug/L		0.50	1	7/1/2025 11:47
Nickel	<0.500	ug/L		0.50	1	7/1/2025 11:47
Selenium	<5.00	ug/L		5.00	1	7/1/2025 11:47
Silver	<0.100	ug/L		0.10	1	7/1/2025 11:47
Thallium	<0.500	ug/L		0.50	1	7/1/2025 11:47
Vanadium	<0.200	ug/L		0.20	1	7/1/2025 11:47
Zinc	<5.00	ug/L		5.00	1	7/1/2025 11:47

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

Aliquot #: 2025-1074-4-02 **Batch Number: AB-250630-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/1/2025 9:31
Calcium	54.3	mg/L		5.00	5	7/1/2025 10:29
Iron	<0.100	mg/L		0.10	1	7/1/2025 9:31
Magnesium	1.88	mg/L		1.00	1	7/1/2025 9:31
Manganese	0.0615	mg/L		0.02	1	7/1/2025 9:31
Potassium	1.26	mg/L		1.00	1	7/1/2025 9:31
Sodium	5.49	mg/L		1.00	1	7/1/2025 9:31
Phosphorus	<1.00	mg/L		1.00	1	7/1/2025 9:31

Analytical Results

Collector: Geological, Arkansas Site: JJON86-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 17:48

Sample Barcode: Sample Number: 2025-1075

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

Aliquot #: 2025-1075-1-01 **Batch Number: AB-250620-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.97	mg/L		0.05	1	6/18/2025 10:28

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

Aliquot #: 2025-1075-1-02 **Batch Number: AB-250618-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	6/18/2025 10:28

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

Aliquot #: 2025-1075-1-03 **Batch Number: AB-250630-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.30	None			1	6/16/2025 17:48

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

Aliquot #: 2025-1075-1-04 **Batch Number: AB-250618-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	208	uS/cm		1.00	1	6/18/2025 9:54

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

Aliquot #: 2025-1075-1-05 **Batch Number: AB-250619-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	125	mg/L		10.00	1	6/18/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: JJON86-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 17:48

Sample Barcode: Sample Number: 2025-1075

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

Aliquot #: 2025-1075-1-06 **Batch Number: AB-250630-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.1	°C			1	6/16/2025 17:48

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

Aliquot #: 2025-1075-1-07 **Batch Number: AB-250619-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	6/17/2025 16:10

Turbidity **Method: EPA 180.1** **Analyst: CAC**

Aliquot #: 2025-1075-1-08 **Batch Number: AB-250618-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.03	NTU		0.05	1	6/18/2025 9:54

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

Aliquot #: 2025-1075-1-09 **Batch Number: AB-250620-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.21	mg/L		0.10	1	6/20/2025 11:03
Total Nitrogen from Lachat	2.18	mg/L		0.10	1	6/20/2025 11:03

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

Aliquot #: 2025-1075-1-10 **Batch Number: AB-250620-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	6/20/2025 11:03

Analytical Results

Collector: Geological, Arkansas Site: JJON86-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 17:48

Sample Barcode: Sample Number: 2025-1075

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

Aliquot #: 2025-1075-1-11 **Batch Number: AB-250618-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	6/18/2025 17:54
Chloride	4.41	mg/L		0.50	1	6/18/2025 17:54
Bromide	<0.10	mg/L		0.10	1	6/18/2025 17:54
Sulfate	3.14	mg/L		0.50	1	6/18/2025 17:54

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

Aliquot #: 2025-1075-1-12 **Batch Number: AB-250618-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	6/18/2025 10:28

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

Aliquot #: 2025-1075-1-13 **Batch Number: AB-250620-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	84.6	mg/L		6.00	1	6/18/2025 15:02

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

Aliquot #: 2025-1075-2-01 **Batch Number: AB-250618-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	6/18/2025 17:43

Analytical Results

Collector: Geological, Arkansas Site: JJON86-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/16/2025 17:48

Sample Barcode: Sample Number: 2025-1075

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

Aliquot #: 2025-1075-3-01 **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:43
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:43
Barium	31.7	ug/L		1.00	1	7/8/2025 12:43
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:43
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:43
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:43
Cobalt	<0.100	ug/L		0.10	1	7/8/2025 12:43
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:43
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:43
Nickel	<0.500	ug/L		0.50	1	7/8/2025 12:43
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:43
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:43
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:43
Vanadium	0.297	ug/L		0.20	1	7/8/2025 12:43
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:43

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

Aliquot #: 2025-1075-3-02 **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 9:57
Calcium	36.1	mg/L		1.00	1	7/8/2025 9:57
Iron	<0.100	mg/L		0.10	1	7/8/2025 9:57
Magnesium	1.35	mg/L		1.00	1	7/8/2025 9:57
Manganese	<0.0200	mg/L		0.02	1	7/8/2025 9:57
Potassium	1.07	mg/L		1.00	1	7/8/2025 9:57
Sodium	3.38	mg/L		1.00	1	7/8/2025 9:57
Hardness	95.7	mg/L		1.00	1	7/8/2025 9:57
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 9:57

Analytical Results

Collector: Geological, Arkansas Site: JJON86-SPR-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 6/16/2025 17:48
Sample Number: 2025-1075

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

Aliquot #: 2025-1075-4-01 **Batch Number: AB-250630-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/1/2025 11:55
Arsenic	<1.00	ug/L		1.00	1	7/1/2025 11:55
Barium	33.8	ug/L		1.00	1	7/1/2025 11:55
Beryllium	<1.00	ug/L		1.00	1	7/1/2025 11:55
Cadmium	<0.300	ug/L		0.30	1	7/1/2025 11:55
Chromium	<1.00	ug/L		1.00	1	7/1/2025 11:55
Cobalt	<0.100	ug/L		0.10	1	7/1/2025 11:55
Copper	<0.500	ug/L		0.50	1	7/1/2025 11:55
Lead	<0.500	ug/L		0.50	1	7/1/2025 11:55
Nickel	<0.500	ug/L		0.50	1	7/1/2025 11:55
Selenium	<5.00	ug/L		5.00	1	7/1/2025 11:55
Silver	<0.100	ug/L		0.10	1	7/1/2025 11:55
Thallium	<0.500	ug/L		0.50	1	7/1/2025 11:55
Vanadium	0.253	ug/L		0.20	1	7/1/2025 11:55
Zinc	<5.00	ug/L		5.00	1	7/1/2025 11:55

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

Aliquot #: 2025-1075-4-02 **Batch Number: AB-250630-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/1/2025 9:34
Calcium	37.5	mg/L		1.00	1	7/1/2025 9:34
Iron	<0.100	mg/L		0.10	1	7/1/2025 9:34
Magnesium	1.41	mg/L		1.00	1	7/1/2025 9:34
Manganese	<0.0200	mg/L		0.02	1	7/1/2025 9:34
Potassium	<1.00	mg/L		1.00	1	7/1/2025 9:34
Sodium	3.51	mg/L		1.00	1	7/1/2025 9:34
Phosphorus	<1.00	mg/L		1.00	1	7/1/2025 9:34

Analytical Results

Collector: Geological, Arkansas Site: MTCHS-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 9:50

Sample Barcode: Sample Number: 2025-1076

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

Aliquot #: 2025-1076-1-01 **Batch Number: AB-250620-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.51	mg/L		0.05	1	6/18/2025 10:30

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

Aliquot #: 2025-1076-1-02 **Batch Number: AB-250618-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.029	mg/L		0.02	1	6/18/2025 10:30

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

Aliquot #: 2025-1076-1-03 **Batch Number: AB-250630-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.67	None			1	6/17/2025 9:50

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

Aliquot #: 2025-1076-1-04 **Batch Number: AB-250618-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	388	uS/cm		1.00	1	6/18/2025 9:55

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

Aliquot #: 2025-1076-1-05 **Batch Number: AB-250619-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	240	mg/L		10.00	1	6/18/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: MTCHS-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 9:50

Sample Barcode: Sample Number: 2025-1076

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

Aliquot #: 2025-1076-1-06 **Batch Number: AB-250630-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	21.5	°C			1	6/17/2025 9:50

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

Aliquot #: 2025-1076-1-07 **Batch Number: AB-250619-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	6/17/2025 16:10

Turbidity **Method: EPA 180.1** **Analyst: CAC**

Aliquot #: 2025-1076-1-08 **Batch Number: AB-250618-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.72	NTU		0.05	1	6/18/2025 9:55

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

Aliquot #: 2025-1076-1-09 **Batch Number: AB-250620-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.27	mg/L		0.10	1	6/20/2025 11:04
Total Nitrogen from Lachat	1.78	mg/L		0.10	1	6/20/2025 11:04

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

Aliquot #: 2025-1076-1-10 **Batch Number: AB-250620-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.04	mg/L		0.02	1	6/20/2025 11:04

Analytical Results

Collector: Geological, Arkansas Site: MTCHS-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 9:50

Sample Barcode: Sample Number: 2025-1076

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

Aliquot #: 2025-1076-1-11 **Batch Number: AB-250618-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.12	mg/L		0.10	1	6/18/2025 18:20
Chloride	12.3	mg/L		0.50	1	6/18/2025 18:20
Bromide	0.14	mg/L		0.10	1	6/18/2025 18:20
Sulfate	25.3	mg/L		0.50	1	6/18/2025 18:20

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

Aliquot #: 2025-1076-1-12 **Batch Number: AB-250618-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	6/18/2025 10:30

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

Aliquot #: 2025-1076-1-13 **Batch Number: AB-250620-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	138	mg/L		6.00	1	6/18/2025 15:03

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

Aliquot #: 2025-1076-2-01 **Batch Number: AB-250618-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	2.22	mg/L		1.00	1	6/18/2025 17:57

Analytical Results

Collector: Geological, Arkansas Site: MTCHS-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 9:50

Sample Barcode: Sample Number: 2025-1076

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

Aliquot #: 2025-1076-3-01 **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:47
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:47
Barium	56.6	ug/L		1.00	1	7/8/2025 12:47
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:47
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:47
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:47
Cobalt	<0.100	ug/L		0.10	1	7/8/2025 12:47
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:47
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:47
Nickel	0.609	ug/L		0.50	1	7/8/2025 12:47
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:47
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:47
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:47
Vanadium	0.527	ug/L		0.20	1	7/8/2025 12:47
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:47

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

Aliquot #: 2025-1076-3-02 **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 9:59
Calcium	62.4	mg/L		5.00	5	7/8/2025 11:28
Iron	<0.100	mg/L		0.10	1	7/8/2025 9:59
Magnesium	3.65	mg/L		1.00	1	7/8/2025 9:59
Manganese	<0.0200	mg/L		0.02	1	7/8/2025 9:59
Potassium	1.45	mg/L		1.00	1	7/8/2025 9:59
Sodium	9.78	mg/L		1.00	1	7/8/2025 9:59
Hardness	176	mg/L		1.00	1	7/8/2025 9:59
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 9:59

Analytical Results

Collector: Geological, Arkansas Site: MTCHS-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 6/17/2025 9:50
Sample Number: 2025-1076

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

Aliquot #: 2025-1076-4-01 **Batch Number: AB-250630-018**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/1/2025 11:59
Arsenic	<1.00	ug/L		1.00	1	7/1/2025 11:59
Barium	58.7	ug/L		1.00	1	7/1/2025 11:59
Beryllium	<1.00	ug/L		1.00	1	7/1/2025 11:59
Cadmium	<0.300	ug/L		0.30	1	7/1/2025 11:59
Chromium	<1.00	ug/L		1.00	1	7/1/2025 11:59
Cobalt	<0.100	ug/L		0.10	1	7/1/2025 11:59
Copper	0.583	ug/L		0.50	1	7/1/2025 11:59
Lead	<0.500	ug/L		0.50	1	7/1/2025 11:59
Nickel	0.748	ug/L		0.50	1	7/1/2025 11:59
Selenium	<5.00	ug/L		5.00	1	7/1/2025 11:59
Silver	<0.100	ug/L		0.10	1	7/1/2025 11:59
Thallium	<0.500	ug/L		0.50	1	7/1/2025 11:59
Vanadium	0.542	ug/L		0.20	1	7/1/2025 11:59
Zinc	<5.00	ug/L		5.00	1	7/1/2025 11:59

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

Aliquot #: 2025-1076-4-02 **Batch Number: AB-250630-020**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/1/2025 9:36
Calcium	67.4	mg/L		5.00	5	7/1/2025 10:32
Iron	<0.100	mg/L		0.10	1	7/1/2025 9:36
Magnesium	3.77	mg/L		1.00	1	7/1/2025 9:36
Manganese	<0.0200	mg/L		0.02	1	7/1/2025 9:36
Potassium	1.52	mg/L		1.00	1	7/1/2025 9:36
Sodium	10.3	mg/L		1.00	1	7/1/2025 9:36
Phosphorus	<1.00	mg/L		1.00	1	7/1/2025 9:36

Analytical Results

Collector: Geological, Arkansas Site: CLABSM-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 10:55

Sample Barcode: Sample Number: 2025-1077

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

Aliquot #: 2025-1077-1-01 **Batch Number: AB-250620-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.68	mg/L		0.05	1	6/18/2025 10:31

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

Aliquot #: 2025-1077-1-02 **Batch Number: AB-250618-015**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	6/18/2025 10:31

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

Aliquot #: 2025-1077-1-03 **Batch Number: AB-250630-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.81	None			1	6/17/2025 10:55

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

Aliquot #: 2025-1077-1-04 **Batch Number: AB-250618-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	363	uS/cm		1.00	1	6/18/2025 9:56

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

Aliquot #: 2025-1077-1-05 **Batch Number: AB-250619-005**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	220	mg/L		10.00	1	6/18/2025 15:00

Analytical Results

Collector: Geological, Arkansas Site: CLABSM-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 10:55

Sample Barcode: Sample Number: 2025-1077

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

Aliquot #: 2025-1077-1-06 **Batch Number: AB-250630-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	23.8	°C			1	6/17/2025 10:55

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

Aliquot #: 2025-1077-1-07 **Batch Number: AB-250619-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	6.50	mg/L		2.00	1	6/17/2025 16:10

Turbidity **Method: EPA 180.1** **Analyst: CAC**

Aliquot #: 2025-1077-1-08 **Batch Number: AB-250618-002**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	7.97	NTU		0.05	1	6/18/2025 9:56

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

Aliquot #: 2025-1077-1-09 **Batch Number: AB-250620-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.34	mg/L		0.10	1	6/20/2025 11:17
Total Nitrogen from Lachat	1.02	mg/L		0.10	1	6/20/2025 11:17

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

Aliquot #: 2025-1077-1-10 **Batch Number: AB-250620-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.04	mg/L		0.02	1	6/20/2025 11:17

Analytical Results

Collector: Geological, Arkansas Site: CLABSM-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 10:55

Sample Barcode: Sample Number: 2025-1077

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

Aliquot #: 2025-1077-1-11 **Batch Number: AB-250618-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.19	mg/L		0.10	1	6/18/2025 18:29
Chloride	14.5	mg/L		0.50	1	6/18/2025 18:29
Bromide	0.14	mg/L		0.10	1	6/18/2025 18:29
Sulfate	16.7	mg/L		0.50	1	6/18/2025 18:29

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

Aliquot #: 2025-1077-1-12 **Batch Number: AB-250618-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.049	mg/L		0.03	1	6/18/2025 10:31

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

Aliquot #: 2025-1077-1-13 **Batch Number: AB-250620-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	134	mg/L		6.00	1	6/18/2025 15:04

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

Aliquot #: 2025-1077-2-01 **Batch Number: AB-250618-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	3.44	mg/L		1.00	1	6/18/2025 18:12

Analytical Results

Collector: Geological, Arkansas Site: CLABSM-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring Project: EVT

Matrix: Water Collected: 6/17/2025 10:55

Sample Barcode: Sample Number: 2025-1077

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

Aliquot #: 2025-1077-3-01 **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:51
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:51
Barium	57.7	ug/L		1.00	1	7/8/2025 12:51
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:51
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:51
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:51
Cobalt	0.150	ug/L		0.10	1	7/8/2025 12:51
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:51
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:51
Nickel	0.822	ug/L		0.50	1	7/8/2025 12:51
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:51
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:51
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:51
Vanadium	0.689	ug/L		0.20	1	7/8/2025 12:51
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:51

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

Aliquot #: 2025-1077-3-02 **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 10:00
Calcium	58.4	mg/L		5.00	5	7/8/2025 11:09
Iron	<0.100	mg/L		0.10	1	7/8/2025 10:00
Magnesium	2.53	mg/L		1.00	1	7/8/2025 10:00
Manganese	0.0435	mg/L		0.02	1	7/8/2025 10:00
Potassium	1.28	mg/L		1.00	1	7/8/2025 10:00
Sodium	11.7	mg/L		1.00	1	7/8/2025 10:00
Hardness	159	mg/L		1.00	1	7/8/2025 10:00
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 10:00

Analytical Results

Collector: Geological, Arkansas Site: CLABSM-CRK-01 **Work Order Number: WO-250617-01**

Sample Classification: Routine Monitoring
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 6/17/2025 10:55
Sample Number: 2025-1077

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

Aliquot #: 2025-1077-4-01 **Batch Number: AB-250630-019**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/1/2025 12:15
Arsenic	<1.00	ug/L		1.00	1	7/1/2025 12:15
Barium	62.0	ug/L		1.00	1	7/1/2025 12:15
Beryllium	<1.00	ug/L		1.00	1	7/1/2025 12:15
Cadmium	<0.300	ug/L		0.30	1	7/1/2025 12:15
Chromium	<1.00	ug/L		1.00	1	7/1/2025 12:15
Cobalt	0.222	ug/L		0.10	1	7/1/2025 12:15
Copper	0.542	ug/L		0.50	1	7/1/2025 12:15
Lead	<0.500	ug/L		0.50	1	7/1/2025 12:15
Nickel	0.949	ug/L		0.50	1	7/1/2025 12:15
Selenium	<5.00	ug/L		5.00	1	7/1/2025 12:15
Silver	<0.100	ug/L		0.10	1	7/1/2025 12:15
Thallium	<0.500	ug/L		0.50	1	7/1/2025 12:15
Vanadium	0.979	ug/L		0.20	1	7/1/2025 12:15
Zinc	<5.00	ug/L		5.00	1	7/1/2025 12:15

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

Aliquot #: 2025-1077-4-02 **Batch Number: AB-250630-021**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	0.114	mg/L		0.10	1	7/1/2025 9:42
Calcium	61.6	mg/L		5.00	5	7/1/2025 10:33
Iron	0.364	mg/L		0.10	1	7/1/2025 9:42
Magnesium	2.61	mg/L		1.00	1	7/1/2025 9:42
Manganese	0.0534	mg/L		0.02	1	7/1/2025 9:42
Potassium	1.30	mg/L		1.00	1	7/1/2025 9:42
Sodium	12.2	mg/L		1.00	1	7/1/2025 9:42
Phosphorus	<1.00	mg/L		1.00	1	7/1/2025 9:42

Analytical Results

Collector: Geological, Arkansas | Site: Metals Field Blank | **Work Order Number: WO-250617-01**

Sample Classification: Special
Matrix: Water
Sample Barcode:

Project: EVT
Collected: 6/17/2025 11:00
Sample Number: 2025-1078

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

Aliquot #: 2025-1078-1-01 | **Batch Number: AB-250708-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/8/2025 12:59
Arsenic	<1.00	ug/L		1.00	1	7/8/2025 12:59
Barium	<1.00	ug/L		1.00	1	7/8/2025 12:59
Beryllium	<1.00	ug/L		1.00	1	7/8/2025 12:59
Cadmium	<0.300	ug/L		0.30	1	7/8/2025 12:59
Chromium	<1.00	ug/L		1.00	1	7/8/2025 12:59
Cobalt	<0.100	ug/L		0.10	1	7/8/2025 12:59
Copper	<0.500	ug/L		0.50	1	7/8/2025 12:59
Lead	<0.500	ug/L		0.50	1	7/8/2025 12:59
Nickel	<0.500	ug/L		0.50	1	7/8/2025 12:59
Selenium	<5.00	ug/L		5.00	1	7/8/2025 12:59
Silver	<0.100	ug/L		0.10	1	7/8/2025 12:59
Thallium	<0.500	ug/L		0.50	1	7/8/2025 12:59
Vanadium	<0.200	ug/L		0.20	1	7/8/2025 12:59
Zinc	<5.00	ug/L		5.00	1	7/8/2025 12:59

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

Aliquot #: 2025-1078-1-02 | **Batch Number: AB-250708-003**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/8/2025 10:03
Calcium	<1.00	mg/L		1.00	1	7/8/2025 10:03
Iron	<0.100	mg/L		0.10	1	7/8/2025 10:03
Magnesium	<1.00	mg/L		1.00	1	7/8/2025 10:03
Manganese	<0.0200	mg/L		0.02	1	7/8/2025 10:03
Potassium	<1.00	mg/L		1.00	1	7/8/2025 10:03
Sodium	<1.00	mg/L		1.00	1	7/8/2025 10:03
Hardness	<1.00	mg/L		1.00	1	7/8/2025 10:03
Phosphorus	<1.00	mg/L		1.00	1	7/8/2025 10:03

QUALITY CONTROL REPORT

Project: EVT Routine+Metals 2025 1073-1078 Date and Time Received: 6/17/2025 15:08:00

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-250618-001**			**Parent Sample:**	**2025-1074**		
	mg/L	<0.03	0.03	103.5 /	80-120			-		98.8 / 98.5	80-120	0.3	-	
Turbidity		**EPA 180.1**					**Batch #:**	**AB-250618-002**			**Parent Sample:**			
	NTU	<0.05	0.05	101.0 /	90-110			-		/	-		-	
Specific Conductance		**EPA 120.1, 1982**					**Batch #:**	**AB-250618-004**			**Parent Sample:**			
	uS/cm	<1.00	1.00	100.0 /	95-105			-		/	-		-	
Anions		**EPA 300.0 (Rev.2.1, 1993)**					**Batch #:**	**AB-250618-009**			**Parent Sample:**	**2025-1074**		
Br	mg/L	<0.10	0.10	96.6 /	90-110			-		85.7 / 85.7	80-120	0.0	-	
Cl	mg/L	<0.50	0.50	101.1 /	90-110			-		97.4 / 97.6	80-120	0.1	-	
F	mg/L	<0.10	0.10	100.5 /	90-110			-		96.8 / 97.2	80-120	0.4	-	
SO4	mg/L	<0.50	0.50	101.5 /	90-110			-		96.9 / 97.2	80-120	0.2	-	
		SM 5310 C, 2014					**Batch #:**	**AB-250618-012**			**Parent Sample:**	**2025-1074**		
	mg/L	<1.00	1,000.00	97.8 /	85-115			-		95.0 / 98.0	80-120	2.7	-	
Orthophosphate as P		**SM 4500-P G, 2021**					**Batch #:**	**AB-250618-015**			**Parent Sample:**	**2025-1074**		
	mg/L	<0.02	0.02	97.5 /	80-120			-		94.0 / 94.5	80-120	0.5	-	
Total Suspended Solids		**SM 2540 D, 2020**					**Batch #:**	**AB-250619-001**			**Parent Sample:**			
	mg/L	<2.00	2.00	104.3 /	90-110			-		/	-		-	
Total Dissolved Solids		**SM 2540 C, 2020**					**Batch #:**	**AB-250619-005**			**Parent Sample:**			
	mg/L	<10.0	10.00	104.5 /	90-110			-		/	-		-	
Nitrate +Nitrite as N		**SM 4500-NO3 F, 2019**					**Batch #:**	**AB-250620-001**			**Parent Sample:**	**2025-1074**		
	mg/L	<0.05	0.05	98.3 /	80-120			-		96.7 / 98.3	80-120	0.5	-	
Alkalinity as CaCO3		**EPA 310.2 (Rev. 1974)**					**Batch #:**	**AB-250620-004**			**Parent Sample:**			
	mg/L	<6.00	6.00	95.6 /	90-110			-		/	-		-	
		SM 4500-P G, 2021					**Batch #:**	**AB-250620-007**			**Parent Sample:**	**2025-1074**		
	mg/L	<0.02	0.02	96.5 /	80-120			-		96.2 / 97.2	80-120	1.0	-	
		SM 4500-N(org) C, 2021					**Batch #:**	**AB-250620-010**			**Parent Sample:**	**2025-1074**		
	mg/L	<0.10	0.10	95.3 /	80-120			-		105.0 / 111.0	80-120	4.7	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250630-018**			**Parent Sample:**	**2025-1033**		
Ag	ug/L	<0.100	0.10	88.2 /	85-115			-		93.9 / 93.2	70-130	0.7	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
As	ug/L	<1.00	1.00	96.3 /	85-115		-			108.8 / 108.4	70-130	0.3	-	
Ba	ug/L	<1.00	1.00	90.8 /	85-115		-			99.8 / 99.5	70-130	0.2	-	
Be	ug/L	<1.00	1.00	96.3 /	85-115		-			108.8 / 105.3	70-130	3.3	-	
Cd	ug/L	<0.300	0.30	95.8 /	85-115		-			105.2 / 105.1	70-130	0.1	-	
Co	ug/L	<0.100	0.10	89.6 /	85-115		-			97.5 / 95.6	70-130	1.9	-	
Cr	ug/L	<1.00	1.00	92.2 /	85-115		-			101.6 / 99.4	70-130	2.1	-	
Cu	ug/L	<0.500	0.50	87.6 /	85-115		-			93.8 / 93.4	70-130	0.4	-	
Ni	ug/L	<0.500	0.50	89.1 /	85-115		-			95.8 / 94.2	70-130	1.7	-	
Pb	ug/L	<0.500	0.50	97.7 /	85-115		-			104.5 / 102.9	70-130	1.5	-	
Sb	ug/L	<2.00	2.00	100.8 /	85-115		-			110.3 / 110.1	70-130	0.2	-	
Se	ug/L	<5.00	5.00	97.4 /	85-115		-			111.7 / 111.3	70-130	0.4	-	
Tl	ug/L	<0.500	0.50	96.6 /	85-115		-			103.1 / 101.0	70-130	2.0	-	
V	ug/L	<0.200	0.20	91.2 /	85-115		-			100.4 / 98.7	70-130	1.6	-	
Zn	ug/L	<5.00	5.00	96.5 /	85-115		-			106.1 / 104.5	70-130	1.1	-	
		EPA 200.8 (Rev. 5.4, 1994)					**Batch #:**	**AB-250630-019**		**Parent Sample:**		**2025-1077**		
Ag	ug/L	<0.100	0.10	94.4 /	85-115		-			94.8 / 92.5	70-130	2.5	-	
As	ug/L	<1.00	1.00	101.8 /	85-115		-			107.9 / 106.9	70-130	0.9	-	
Ba	ug/L	<1.00	1.00	96.2 /	85-115		-			104.5 / 96.1	70-130	3.7	-	
Be	ug/L	<1.00	1.00	101.7 /	85-115		-			111.2 / 106.2	70-130	4.6	-	
Cd	ug/L	<0.300	0.30	101.7 /	85-115		-			106.2 / 104.1	70-130	2.0	-	
Co	ug/L	<0.100	0.10	96.6 /	85-115		-			95.4 / 95.3	70-130	0.1	-	
Cr	ug/L	<1.00	1.00	99.2 /	85-115		-			101.2 / 100.1	70-130	1.0	-	
Cu	ug/L	<0.500	0.50	93.3 /	85-115		-			90.3 / 89.4	70-130	1.0	-	
Ni	ug/L	<0.500	0.50	95.2 /	85-115		-			92.7 / 91.6	70-130	1.1	-	
Pb	ug/L	<0.500	0.50	103.2 /	85-115		-			106.9 / 106.1	70-130	0.7	-	
Sb	ug/L	<2.00	2.00	106.5 /	85-115		-			108.1 / 106.9	70-130	1.1	-	
Se	ug/L	<5.00	5.00	102.0 /	85-115		-			110.1 / 109.4	70-130	0.6	-	
Tl	ug/L	<0.500	0.50	101.1 /	85-115		-			106.9 / 105.1	70-130	1.7	-	
V	ug/L	<0.200	0.20	98.4 /	85-115		-			100.7 / 99.4	70-130	1.1	-	
Zn	ug/L	<5.00	5.00	102.0 /	85-115		-			103.1 / 102.6	70-130	0.5	-	
		EPA 200.7					**Batch #:**	**AB-250630-020**		**Parent Sample:**		**2025-1033**		
Al	mg/L	<0.100	0.10	95.2 /	85-115		-			99.7 / 98.9	70-130	0.8	-	
Ca	mg/L	<1.00	1.00	99.3 /	85-115		-			99.7 / 100.6	70-130	0.4	-	
Fe	mg/L	<0.100	0.10	97.7 /	85-115		-			100.0 / 99.1	70-130	0.8	-	
K	mg/L	<1.00	1.00	95.0 /	85-115		-			99.7 / 98.3	70-130	1.2	-	
Mg	mg/L	<1.00	1.00	98.1 /	85-115		-			100.4 / 99.9	70-130	0.5	-	
Mn	mg/L	<0.0200	0.02	96.7 /	85-115		-			96.7 / 96.9	70-130	0.1	-	
Na	mg/L	<1.00	1.00	99.3 /	85-115		-			101.2 / 101.8	70-130	0.3	-	
P	mg/L	<1.00	1.00	98.5 /	85-115		-			102.4 / 101.3	70-130	1.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
		EPA 200.7					**Batch #:**	**AB-250630-021**			**Parent Sample:**	**2025-1077**		
Al	mg/L	<0.100	0.10	98.1 /	85-115		-			101.2 / 100.2	70-130	0.9	-	
Ca	mg/L	<1.00	1.00	102.5 /	85-115		-			100.7 / 86.8	70-130	2.0	-	
Fe	mg/L	<0.100	0.10	100.6 /	85-115		-			100.3 / 98.7	70-130	1.1	-	
K	mg/L	<1.00	1.00	97.9 /	85-115		-			103.2 / 102.1	70-130	1.0	-	
Mg	mg/L	<1.00	1.00	100.7 /	85-115		-			100.1 / 98.6	70-130	1.2	-	
Mn	mg/L	<0.0200	0.02	100.2 /	85-115		-			98.7 / 97.2	70-130	1.2	-	
Na	mg/L	<1.00	1.00	102.3 /	85-115		-			105.9 / 102.2	70-130	1.6	-	
P	mg/L	<1.00	1.00	102.9 /	85-115		-			105.2 / 104.5	70-130	0.7	-	
ICP/MS Metals (Dissolved)		**EPA 200.8 (Rev. 5.4, 1994)**					**Batch #:**	**AB-250708-001**			**Parent Sample:**	**2025-1033**		
Ag	ug/L	<0.100	0.10	92.4 /	85-115		-			88.8 / 89.5	70-130	0.8	-	
As	ug/L	<1.00	1.00	102.6 /	85-115		-			101.6 / 101.5	70-130	0.1	-	
Ba	ug/L	<1.00	1.00	96.6 /	85-115		-			92.0 / 93.7	70-130	1.3	-	
Be	ug/L	<1.00	1.00	103.6 /	85-115		-			101.1 / 101.9	70-130	0.8	-	
Cd	ug/L	<0.300	0.30	101.3 /	85-115		-			98.6 / 99.0	70-130	0.4	-	
Co	ug/L	<0.100	0.10	96.4 /	85-115		-			91.7 / 93.1	70-130	1.5	-	
Cr	ug/L	<1.00	1.00	101.0 /	85-115		-			94.7 / 96.1	70-130	1.4	-	
Cu	ug/L	<0.500	0.50	93.8 /	85-115		-			88.7 / 89.2	70-130	0.5	-	
Ni	ug/L	<0.500	0.50	95.6 /	85-115		-			89.4 / 90.7	70-130	1.4	-	
Pb	ug/L	<0.500	0.50	104.2 /	85-115		-			98.7 / 100.9	70-130	2.3	-	
Sb	ug/L	<2.00	2.00	106.6 /	85-115		-			103.8 / 104.9	70-130	1.1	-	
Se	ug/L	<5.00	5.00	102.7 /	85-115		-			103.3 / 103.8	70-130	0.4	-	
Tl	ug/L	<0.500	0.50	101.5 /	85-115		-			95.5 / 97.7	70-130	2.2	-	
V	ug/L	<0.200	0.20	99.5 /	85-115		-			94.2 / 95.0	70-130	0.8	-	
Zn	ug/L	<5.00	5.00	102.6 /	85-115		-			98.9 / 99.0	70-130	0.1	-	
ICP/OES Metals (Dissolved)		**EPA 200.7**					**Batch #:**	**AB-250708-003**			**Parent Sample:**	**2025-1033**		
Al	mg/L	<0.100	0.10	92.5 /	85-115		-			91.1 / 92.3	70-131	1.3	-	
Ca	mg/L	<1.00	1.00	98.6 /	85-115		-			93.3 / 95.1	70-131	0.8	-	
Fe	mg/L	<0.100	0.10	96.7 /	85-115		-			92.8 / 94.0	70-131	1.3	-	
K	mg/L	<1.00	1.00	94.0 /	85-115		-			91.1 / 93.4	70-131	2.2	-	
Mg	mg/L	<1.00	1.00	98.9 /	85-115		-			94.9 / 96.1	70-131	1.0	-	
Mn	mg/L	<0.0200	0.02	96.8 /	85-115		-			92.9 / 93.9	70-131	1.1	-	
Na	mg/L	<1.00	1.00	98.0 /	85-115		-			94.2 / 95.9	70-131	1.0	-	
P	mg/L	<1.00	1.00	97.9 /	85-115		-			95.6 / 97.0	70-131	1.4	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250617-01 **Parent Sample** 2025-1074

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250618-001 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-12	
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250618-001
Aliquot #	AB-250618-001 Dup - Field 2		**Parent Aliquot #**		2025-1077-1-12	
Ammonia as Nitrogen		0.05	mg/L	5.00	0 - 20	AB-250618-001
Aliquot #	AB-250618-002 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-08	
Turbidity		1.36	NTU	7.77	0 - 20	AB-250618-002
Aliquot #	AB-250618-002 Dup - Field 2		**Parent Aliquot #**		2025-1077-1-08	
Turbidity		7.86	NTU	1.39	0 - 20	AB-250618-002
Aliquot #	AB-250618-004 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-04	
Specific Conductance		297	uS/cm	0.34	0 - 20	AB-250618-004
Aliquot #	AB-250618-004 Dup - Field 2		**Parent Aliquot #**		2025-1077-1-04	
Specific Conductance		365	uS/cm	0.55	0 - 20	AB-250618-004
Aliquot #	AB-250618-009 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-11	
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250618-009
Chloride		7.36	mg/L	0.05	0 - 20	AB-250618-009
Bromide		0.12	mg/L	3.09	0 - 20	AB-250618-009
Sulfate		7.42	mg/L	0.18	0 - 20	AB-250618-009
Aliquot #	AB-250618-009 Dup - Field 2		**Parent Aliquot #**		2025-1077-1-11	
Fluoride		0.19	mg/L	0.47	0 - 20	AB-250618-009
Chloride		14.6	mg/L	0.18	0 - 20	AB-250618-009
Bromide		0.13	mg/L	3.06	0 - 20	AB-250618-009
Sulfate		16.7	mg/L	0.08	0 - 20	AB-250618-009
Aliquot #	AB-250618-012 Dup - Field 1		**Parent Aliquot #**		2025-1074-2-01	
Dissolved Organic Carbon		<1.00	mg/L	2.98	0 - 20	AB-250618-012
Aliquot #	AB-250618-012 Dup - Field 2		**Parent Aliquot #**		2025-1077-2-01	
Dissolved Organic Carbon		3.32	mg/L	3.55	0 - 20	AB-250618-012
Aliquot #	AB-250618-015 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-02	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250618-015
Aliquot #	AB-250618-015 Dup - Field 2		**Parent Aliquot #**		2025-1077-1-02	
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250618-015
Aliquot #	AB-250619-001 Dup - Field 1		**Parent Aliquot #**		2025-1074-1-07	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-250619-001

Aliquot #	AB-250619-001 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-07		
Total Suspended Solids		5.75	mg/L	12.24	0 - 5	AB-250619-001
Aliquot #	AB-250619-005 Dup - Field 1		**Parent Aliquot #**	2025-1074-1-05		
Total Dissolved Solids		175	mg/L	1.15	0 - 5	AB-250619-005
Aliquot #	AB-250619-005 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-05		
Total Dissolved Solids		218	mg/L	1.37	0 - 5	AB-250619-005
Aliquot #	AB-250620-001 Dup - Field 1		**Parent Aliquot #**	2025-1074-1-01		
Nitrite+Nitrate as Nitrogen		1.56	mg/L	0.64	0 - 20	AB-250620-001
Aliquot #	AB-250620-001 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-01		
Nitrite+Nitrate as Nitrogen		0.69	mg/L	1.62	0 - 20	AB-250620-001
Aliquot #	AB-250620-004 Dup - Field 1		**Parent Aliquot #**	2025-1074-1-13		
Alkalinity		120	mg/L	0.84	0 - 20	AB-250620-004
Aliquot #	AB-250620-004 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-13		
Alkalinity		134	mg/L	0.00	0 - 20	AB-250620-004
Aliquot #	AB-250620-007 Dup - Field 1		**Parent Aliquot #**	2025-1074-1-10		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250620-007
Aliquot #	AB-250620-007 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-10		
Total Phosphorus		0.04	mg/L	1.88	0 - 20	AB-250620-007
Aliquot #	AB-250620-010 Dup - Field 1		**Parent Aliquot #**	2025-1074-1-09		
Total Kjeldahl Nitrogen		0.17	mg/L	11.11	0 - 20	AB-250620-010
Aliquot #	AB-250620-010 Dup - Field 2		**Parent Aliquot #**	2025-1077-1-09		
Total Kjeldahl Nitrogen		0.31	mg/L	10.69	0 - 20	AB-250620-010
Aliquot #	AB-250630-001 Dup - Field 1		**Parent Aliquot #**	2025-1077-1-03		
pH		7.81	units	1.81	0 - 20	AB-250630-001
Aliquot #	AB-250630-001 Dup - Field 2		**Parent Aliquot #**	2025-1074-1-03		
pH		6.73	units	0.00	0 - 20	AB-250630-001
Aliquot #	AB-250630-002 Dup - Field 1		**Parent Aliquot #**	2025-1077-1-06		
Water Temperature		23.8	°C	10.15	0 - 20	AB-250630-002
Aliquot #	AB-250630-002 Dup - Field 2		**Parent Aliquot #**	2025-1074-1-06		
Water Temperature		17.6	°C	0.00	0 - 20	AB-250630-002
Aliquot #	AB-250630-018 Dup - Field 4		**Parent Aliquot #**	2025-1074-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250630-018
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250630-018
Barium		44.4	ug/L	1.97	0 - 20	AB-250630-018
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250630-018
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250630-018
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250630-018
Cobalt		0.140	ug/L	3.54	0 - 20	AB-250630-018

Copper		<0.500	ug/L	0.00	0 - 20	AB-250630-018
Lead		<0.500	ug/L	0.00	0 - 20	AB-250630-018
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250630-018
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250630-018
Silver		<0.100	ug/L	0.00	0 - 20	AB-250630-018
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250630-018
Vanadium		0.226	ug/L	13.49	0 - 20	AB-250630-018
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250630-018
Aliquot #	AB-250630-019 Dup - Field 1		**Parent Aliquot #**		2025-1077-4-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250630-019
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250630-019
Barium		63.0	ug/L	1.62	0 - 20	AB-250630-019
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250630-019
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250630-019
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250630-019
Cobalt		0.229	ug/L	3.42	0 - 20	AB-250630-019
Copper		0.554	ug/L	2.26	0 - 20	AB-250630-019
Lead		<0.500	ug/L	0.00	0 - 20	AB-250630-019
Nickel		0.947	ug/L	0.21	0 - 20	AB-250630-019
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250630-019
Silver		<0.100	ug/L	0.00	0 - 20	AB-250630-019
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250630-019
Vanadium		1.03	ug/L	4.67	0 - 20	AB-250630-019
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250630-019
Aliquot #	AB-250630-020 Dup - Field 4		**Parent Aliquot #**		2025-1074-4-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250630-020
Calcium		54.5	mg/L	0.39	0 - 20	AB-250630-020
Iron		<0.100	mg/L	0.00	0 - 20	AB-250630-020
Magnesium		1.89	mg/L	0.48	0 - 20	AB-250630-020
Manganese		0.0579	mg/L	6.03	0 - 20	AB-250630-020
Potassium		1.29	mg/L	2.14	0 - 20	AB-250630-020
Sodium		5.52	mg/L	0.52	0 - 20	AB-250630-020
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250630-020
Aliquot #	AB-250630-021 Dup - Field 1		**Parent Aliquot #**		2025-1077-4-02	
Aluminum		0.115	mg/L	0.70	0 - 20	AB-250630-021
Calcium		63.1	mg/L	2.43	0 - 20	AB-250630-021
Iron		0.368	mg/L	1.26	0 - 20	AB-250630-021
Magnesium		2.64	mg/L	1.18	0 - 20	AB-250630-021
Manganese		0.0541	mg/L	1.30	0 - 20	AB-250630-021
Potassium		1.32	mg/L	1.21	0 - 20	AB-250630-021
Sodium		12.3	mg/L	1.43	0 - 20	AB-250630-021
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250630-021
Aliquot #	AB-250708-001 Dup - Field 4		**Parent Aliquot #**		2025-1074-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250708-001

Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Barium		42.3	ug/L	0.25	0 - 20	AB-250708-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250708-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Cobalt		0.109	ug/L	1.50	0 - 20	AB-250708-001
Copper		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Lead		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250708-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250708-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-250708-001
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250708-001
Aliquot #	AB-250708-001 Dup - Field 5		**Parent Aliquot #**		2025-1077-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250708-001
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Barium		57.6	ug/L	0.12	0 - 20	AB-250708-001
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250708-001
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250708-001
Cobalt		0.150	ug/L	0.04	0 - 20	AB-250708-001
Copper		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Lead		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Nickel		0.807	ug/L	1.81	0 - 20	AB-250708-001
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250708-001
Silver		<0.100	ug/L	0.00	0 - 20	AB-250708-001
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250708-001
Vanadium		0.725	ug/L	5.08	0 - 20	AB-250708-001
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250708-001
Aliquot #	AB-250708-003 Dup - Field 4		**Parent Aliquot #**		2025-1074-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250708-003
Calcium		50.4	mg/L	0.05	0 - 20	AB-250708-003
Iron		<0.100	mg/L	0.00	0 - 20	AB-250708-003
Magnesium		1.82	mg/L	0.44	0 - 20	AB-250708-003
Manganese		0.0482	mg/L	1.85	0 - 20	AB-250708-003
Potassium		1.29	mg/L	0.68	0 - 20	AB-250708-003
Sodium		5.24	mg/L	0.64	0 - 20	AB-250708-003
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250708-003
Aliquot #	AB-250708-003 Dup - Field 5		**Parent Aliquot #**		2025-1077-3-02	
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250708-003
Calcium		57.5	mg/L	1.42	0 - 20	AB-250708-003
Iron		<0.100	mg/L	0.00	0 - 20	AB-250708-003
Magnesium		2.54	mg/L	0.54	0 - 20	AB-250708-003

Manganese	0.0435	mg/L	0.00	0 - 20	AB-250708-003
Potassium	1.36	mg/L	5.76	0 - 20	AB-250708-003
Sodium	11.7	mg/L	0.13	0 - 20	AB-250708-003
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250708-003