

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 1265-1270

Date and Time Received: 7/15/2025 15:07:00

Work Order Number: WO-250715-02

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	1.7°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: ABARY-573-W2-01	Work Order Number: WO-250715-02
Sample Classification: Routine Monitoring	Project:	EVT
Matrix: Water	Collected:	7/14/2025 15:04
Sample Barcode: 	Sample Number:	2025-1265

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

Aliquot #: 2025-1265-1-01 **Batch Number: AB-250718-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	188	mg/L		6.00	1	7/16/2025 10:28

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

Aliquot #: 2025-1265-1-02 **Batch Number: AB-250715-016**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	7/15/2025 17:19

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

Aliquot #: 2025-1265-1-03 **Batch Number: AB-250716-010**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	7/16/2025 20:25
Chloride	4.03	mg/L		0.50	1	7/16/2025 20:25
Bromide	<0.10	mg/L		0.10	1	7/16/2025 20:25
Sulfate	3.80	mg/L		0.50	1	7/16/2025 20:25

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

Aliquot #: 2025-1265-1-04 **Batch Number: AB-250718-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.24	mg/L		0.05	1	7/15/2025 17:19

Analytical Results



Collector: Geological, Arkansas

Site: ABARY-573-W2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 15:04

Sample Barcode: 

Sample Number: 2025-1265

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1265-1-05

Batch Number: AB-250718-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.067	mg/L		0.02	1	7/15/2025 17:19

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1265-1-06

Batch Number: AB-250804-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.46	None			1	7/14/2025 15:04

Specific Conductance

Method: EPA 120.1, 1982

Analyst: CAC

Aliquot #: 2025-1265-1-07

Batch Number: AB-250716-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	395	uS/cm		1.00	1	7/16/2025 8:59

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1265-1-08

Batch Number: AB-250717-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	234	mg/L		10.00	1	7/16/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1265-1-09

Batch Number: AB-250804-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	19.8	°C			1	7/14/2025 15:04

Analytical Results



Collector: Geological, Arkansas

Site: ABARY-573-W2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 15:04

Sample Barcode: 

Sample Number: 2025-1265

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1265-1-10

Batch Number: AB-250717-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	21.8	mg/L		2.00	1	7/15/2025 15:56

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2025-1265-1-11

Batch Number: AB-250716-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	12.2	NTU		0.05	1	7/16/2025 8:59

Total Kjeldahl Nitrogen as N

Method: SM 4500-N(org) C, 2021

Analyst:

Aliquot #: 2025-1265-1-12

Batch Number: AB-250718-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.41	mg/L		0.10	1	7/18/2025 11:18

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1265-1-13

Batch Number: AB-250718-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.04	mg/L		0.02	1	7/18/2025 11:18

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1265-2-01

Batch Number: AB-250716-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	7/17/2025 8:32

Analytical Results



Collector: Geological, Arkansas

Site: ABARY-573-W2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 15:04

Sample Barcode: 

Sample Number: 2025-1265

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1265-3-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:02
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:02
Barium	37.6	ug/L		1.00	1	7/24/2025 10:02
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:02
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:02
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:02
Cobalt	<0.100	ug/L		0.10	1	7/24/2025 10:02
Copper	<0.500	ug/L		0.50	1	7/24/2025 10:02
Lead	1.16	ug/L		0.50	1	7/24/2025 10:02
Nickel	1.85	ug/L		0.50	1	7/24/2025 10:02
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:02
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:02
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:02
Vanadium	0.569	ug/L		0.20	1	7/24/2025 10:02
Zinc	17.7	ug/L		5.00	1	7/24/2025 10:02

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1265-3-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:41
Calcium	73.6	mg/L		5.00	5	7/28/2025 11:58
Iron	<0.100	mg/L		0.10	1	7/28/2025 9:41
Magnesium	2.45	mg/L		1.00	1	7/28/2025 9:41
Manganese	<0.0200	mg/L		0.02	1	7/28/2025 9:41
Potassium	1.36	mg/L		1.00	1	7/28/2025 9:41
Sodium	3.95	mg/L		1.00	1	7/28/2025 9:41
Hardness	194	mg/L		1.00	1	7/28/2025 11:58
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:41

Analytical Results



Collector: Geological, Arkansas

Site: ABARY-573-W2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 15:04

Sample Barcode: 

Sample Number: 2025-1265

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1265-4-01

Batch Number: AB-250717-003

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	7/21/2025 12:01
Arsenic	<1.00	ug/L		1.00	1	7/21/2025 12:01
Barium	41.9	ug/L		1.00	1	7/21/2025 12:01
Beryllium	<1.00	ug/L		1.00	1	7/21/2025 12:01
Cadmium	<0.300	ug/L		0.30	1	7/21/2025 12:01
Chromium	<1.00	ug/L		1.00	1	7/21/2025 12:01
Cobalt	0.144	ug/L		0.10	1	7/21/2025 12:01
Copper	1.30	ug/L		0.50	1	7/21/2025 12:01
Lead	1.95	ug/L		0.50	1	7/21/2025 12:01
Nickel	3.23	ug/L		0.50	1	7/21/2025 12:01
Selenium	<5.00	ug/L		5.00	1	7/21/2025 12:01
Silver	<0.100	ug/L		0.10	1	7/21/2025 12:01
Thallium	<0.500	ug/L		0.50	1	7/21/2025 12:01
Vanadium	0.721	ug/L		0.20	1	7/21/2025 12:01
Zinc	26.3	ug/L		5.00	1	7/21/2025 12:01

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1265-4-02

Batch Number: AB-250717-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/21/2025 9:25
Calcium	75.5	mg/L		5.00	5	7/21/2025 11:29
Iron	0.300	mg/L		0.10	1	7/21/2025 9:25
Magnesium	2.20	mg/L		1.00	1	7/21/2025 9:25
Manganese	0.0300	mg/L		0.02	1	7/21/2025 9:25
Potassium	1.44	mg/L		1.00	1	7/21/2025 9:25
Sodium	3.74	mg/L		1.00	1	7/21/2025 9:25
Phosphorus	<1.00	mg/L		1.00	1	7/21/2025 9:25

Analytical Results



Collector: Geological, Arkansas

Site: CANE-12253-W-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 16:24

Sample Barcode: 

Sample Number: 2025-1266

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1266-1-01

Batch Number: AB-250718-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	123	mg/L		6.00	1	7/16/2025 10:29

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1266-1-02

Batch Number: AB-250715-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.176	mg/L		0.03	1	7/15/2025 17:21

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1266-1-03

Batch Number: AB-250716-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	7/16/2025 20:34
Chloride	5.16	mg/L		0.50	1	7/16/2025 20:34
Bromide	<0.10	mg/L		0.10	1	7/16/2025 20:34
Sulfate	5.02	mg/L		0.50	1	7/16/2025 20:34

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1266-1-04

Batch Number: AB-250718-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	<0.05	mg/L		0.05	1	7/15/2025 17:21

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1266-1-05

Batch Number: AB-250718-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.025	mg/L		0.02	1	7/15/2025 17:21

Analytical Results



Collector: Geological, Arkansas

Site: CANE-12253-W-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 16:24

Sample Barcode: 

Sample Number: 2025-1266

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1266-1-06

Batch Number: AB-250804-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	8.01	None			1	7/14/2025 16:24

Specific Conductance

Method: EPA 120.1, 1982

Analyst: CAC

Aliquot #: 2025-1266-1-07

Batch Number: AB-250716-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	259	uS/cm		1.00	1	7/16/2025 9:00

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1266-1-08

Batch Number: AB-250717-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	148	mg/L		10.00	1	7/16/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1266-1-09

Batch Number: AB-250804-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.3	°C			1	7/14/2025 16:24

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1266-1-10

Batch Number: AB-250717-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	20.5	mg/L		2.00	1	7/15/2025 15:56

Analytical Results



Collector: Geological, Arkansas

Site: CANE-12253-W-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 16:24

Sample Barcode: 

Sample Number: 2025-1266

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2025-1266-1-11

Batch Number: AB-250716-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	17.9	NTU		0.05	1	7/16/2025 9:00

Total Kjeldahl Nitrogen as N

Method: SM 4500-N(org) C, 2021

Analyst:

Aliquot #: 2025-1266-1-12

Batch Number: AB-250718-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.29	mg/L		0.10	1	7/18/2025 11:20

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1266-1-13

Batch Number: AB-250718-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	7/18/2025 11:20

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1266-2-01

Batch Number: AB-250716-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	1.14	mg/L		1.00	1	7/17/2025 8:46

Analytical Results



Collector: Geological, Arkansas

Site: CANE-12253-W-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 16:24

Sample Barcode: 

Sample Number: 2025-1266

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1266-3-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:06
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:06
Barium	11.4	ug/L		1.00	1	7/24/2025 10:06
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:06
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:06
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:06
Cobalt	0.142	ug/L		0.10	1	7/24/2025 10:06
Copper	1.96	ug/L		0.50	1	7/24/2025 10:06
Lead	<0.500	ug/L		0.50	1	7/24/2025 10:06
Nickel	0.605	ug/L		0.50	1	7/24/2025 10:06
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:06
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:06
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:06
Vanadium	<0.200	ug/L		0.20	1	7/24/2025 10:06
Zinc	<5.00	ug/L		5.00	1	7/24/2025 10:06

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1266-3-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:42
Calcium	45.4	mg/L		1.00	1	7/28/2025 9:42
Iron	0.382	mg/L		0.10	1	7/28/2025 9:42
Magnesium	2.76	mg/L		1.00	1	7/28/2025 9:42
Manganese	0.591	mg/L		0.02	1	7/28/2025 9:42
Potassium	<1.00	mg/L		1.00	1	7/28/2025 9:42
Sodium	3.05	mg/L		1.00	1	7/28/2025 9:42
Hardness	125	mg/L		1.00	1	7/28/2025 9:42
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:42

Analytical Results



Collector: Geological, Arkansas

Site: CANE-12253-W-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/14/2025 16:24

Sample Barcode: 

Sample Number: 2025-1266

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1266-4-01

Batch Number: AB-250717-003

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	7/21/2025 12:05
Arsenic	<1.00	ug/L		1.00	1	7/21/2025 12:05
Barium	13.6	ug/L		1.00	1	7/21/2025 12:05
Beryllium	<1.00	ug/L		1.00	1	7/21/2025 12:05
Cadmium	<0.300	ug/L		0.30	1	7/21/2025 12:05
Chromium	<1.00	ug/L		1.00	1	7/21/2025 12:05
Cobalt	0.247	ug/L		0.10	1	7/21/2025 12:05
Copper	8.61	ug/L		0.50	1	7/21/2025 12:05
Lead	0.556	ug/L		0.50	1	7/21/2025 12:05
Nickel	1.07	ug/L		0.50	1	7/21/2025 12:05
Selenium	<5.00	ug/L		5.00	1	7/21/2025 12:05
Silver	<0.100	ug/L		0.10	1	7/21/2025 12:05
Thallium	<0.500	ug/L		0.50	1	7/21/2025 12:05
Vanadium	<0.200	ug/L		0.20	1	7/21/2025 12:05
Zinc	15.4	ug/L		5.00	1	7/21/2025 12:05

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1266-4-02

Batch Number: AB-250717-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/21/2025 9:27
Calcium	45.3	mg/L		1.00	1	7/21/2025 9:27
Iron	4.25	mg/L		0.10	1	7/21/2025 9:27
Magnesium	2.74	mg/L		1.00	1	7/21/2025 9:27
Manganese	0.661	mg/L		0.02	1	7/21/2025 9:27
Potassium	<1.00	mg/L		1.00	1	7/21/2025 9:27
Sodium	3.12	mg/L		1.00	1	7/21/2025 9:27
Phosphorus	<1.00	mg/L		1.00	1	7/21/2025 9:27

Analytical Results



Collector: Geological, Arkansas

Site: HF-SPR-03

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:05

Sample Barcode: 

Sample Number: 2025-1267

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1267-1-01

Batch Number: AB-250718-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	122	mg/L		6.00	1	7/16/2025 10:31

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1267-1-02

Batch Number: AB-250715-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	7/15/2025 17:23

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1267-1-03

Batch Number: AB-250716-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	7/16/2025 20:52
Chloride	7.30	mg/L		0.50	1	7/16/2025 20:52
Bromide	<0.10	mg/L		0.10	1	7/16/2025 20:52
Sulfate	3.11	mg/L		0.50	1	7/16/2025 20:52

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1267-1-04

Batch Number: AB-250718-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.60	mg/L		0.25	5	7/15/2025 17:23

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1267-1-05

Batch Number: AB-250718-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.084	mg/L		0.02	1	7/15/2025 17:23

Analytical Results



Collector: Geological, Arkansas

Site: HF-SPR-03

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:05

Sample Barcode: 

Sample Number: 2025-1267

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1267-1-06

Batch Number: AB-250804-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.88	None			1	7/15/2025 9:05

Specific Conductance

Method: EPA 120.1, 1982

Analyst: CAC

Aliquot #: 2025-1267-1-07

Batch Number: AB-250716-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	303	uS/cm		1.00	1	7/16/2025 9:03

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1267-1-08

Batch Number: AB-250717-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	187	mg/L		10.00	1	7/16/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1267-1-09

Batch Number: AB-250804-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.6	°C			1	7/15/2025 9:05

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1267-1-10

Batch Number: AB-250717-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	7/15/2025 15:56

Analytical Results



Collector: Geological, Arkansas

Site: HF-SPR-03

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:05

Sample Barcode: 

Sample Number: 2025-1267

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2025-1267-1-11

Batch Number: AB-250716-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.58	NTU		0.05	1	7/16/2025 9:03

Total Kjeldahl Nitrogen as N

Method: SM 4500-N(org) C, 2021

Analyst:

Aliquot #: 2025-1267-1-12

Batch Number: AB-250718-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.66	mg/L		0.10	1	7/18/2025 11:22

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1267-1-13

Batch Number: AB-250718-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	7/18/2025 11:22

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1267-2-01

Batch Number: AB-250716-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	7/17/2025 9:44

Analytical Results



Collector: Geological, Arkansas

Site: HF-SPR-03

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:05

Sample Barcode: 

Sample Number: 2025-1267

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1267-3-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:22
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:22
Barium	41.7	ug/L		1.00	1	7/24/2025 10:22
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:22
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:22
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:22
Cobalt	<0.100	ug/L		0.10	1	7/24/2025 10:22
Copper	<0.500	ug/L		0.50	1	7/24/2025 10:22
Lead	<0.500	ug/L		0.50	1	7/24/2025 10:22
Nickel	<0.500	ug/L		0.50	1	7/24/2025 10:22
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:22
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:22
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:22
Vanadium	0.270	ug/L		0.20	1	7/24/2025 10:22
Zinc	<5.00	ug/L		5.00	1	7/24/2025 10:22

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1267-3-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:49
Calcium	48.7	mg/L		1.00	1	7/28/2025 9:49
Iron	<0.100	mg/L		0.10	1	7/28/2025 9:49
Magnesium	1.47	mg/L		1.00	1	7/28/2025 9:49
Manganese	<0.0200	mg/L		0.02	1	7/28/2025 9:49
Potassium	1.47	mg/L		1.00	1	7/28/2025 9:49
Sodium	8.07	mg/L		1.00	1	7/28/2025 9:49
Hardness	128	mg/L		1.00	1	7/28/2025 9:49
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:49

Analytical Results



Collector: Geological, Arkansas

Site: HF-SPR-03

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:05

Sample Barcode: 

Sample Number: 2025-1267

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1267-4-01

Batch Number: AB-250717-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/21/2025 12:21
Arsenic	<1.00	ug/L		1.00	1	7/21/2025 12:21
Barium	46.4	ug/L		1.00	1	7/21/2025 12:21
Beryllium	<1.00	ug/L		1.00	1	7/21/2025 12:21
Cadmium	<0.300	ug/L		0.30	1	7/21/2025 12:21
Chromium	<1.00	ug/L		1.00	1	7/21/2025 12:21
Cobalt	<0.100	ug/L		0.10	1	7/21/2025 12:21
Copper	<0.500	ug/L		0.50	1	7/21/2025 12:21
Lead	<0.500	ug/L		0.50	1	7/21/2025 12:21
Nickel	<0.500	ug/L		0.50	1	7/21/2025 12:21
Selenium	<5.00	ug/L		5.00	1	7/21/2025 12:21
Silver	<0.100	ug/L		0.10	1	7/21/2025 12:21
Thallium	<0.500	ug/L		0.50	1	7/21/2025 12:21
Vanadium	0.272	ug/L		0.20	1	7/21/2025 12:21
Zinc	<5.00	ug/L		5.00	1	7/21/2025 12:21

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1267-4-02

Batch Number: AB-250717-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/21/2025 9:33
Calcium	48.8	mg/L		1.00	1	7/21/2025 9:33
Iron	<0.100	mg/L		0.10	1	7/21/2025 9:33
Magnesium	1.46	mg/L		1.00	1	7/21/2025 9:33
Manganese	<0.0200	mg/L		0.02	1	7/21/2025 9:33
Potassium	1.58	mg/L		1.00	1	7/21/2025 9:33
Sodium	8.18	mg/L		1.00	1	7/21/2025 9:33
Phosphorus	<1.00	mg/L		1.00	1	7/21/2025 9:33

Analytical Results



Collector: Geological, Arkansas

Site: HM-SPR-04

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:45

Sample Barcode: 

Sample Number: 2025-1268

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1268-1-01

Batch Number: AB-250718-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	122	mg/L		6.00	1	7/16/2025 10:33

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1268-1-02

Batch Number: AB-250715-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	7/15/2025 17:25

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1268-1-03

Batch Number: AB-250716-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	7/16/2025 21:10
Chloride	9.39	mg/L		0.50	1	7/16/2025 21:10
Bromide	0.11	mg/L		0.10	1	7/16/2025 21:10
Sulfate	4.66	mg/L		0.50	1	7/16/2025 21:10

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1268-1-04

Batch Number: AB-250718-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.20	mg/L		0.25	5	7/15/2025 17:25

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1268-1-05

Batch Number: AB-250718-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.077	mg/L		0.02	1	7/15/2025 17:25

Analytical Results



Collector: Geological, Arkansas

Site: HM-SPR-04

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:45

Sample Barcode: 

Sample Number: 2025-1268

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1268-1-06

Batch Number: AB-250804-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.85	None			1	7/15/2025 9:45

Specific Conductance

Method: EPA 120.1, 1982

Analyst: CAC

Aliquot #: 2025-1268-1-07

Batch Number: AB-250716-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	318	uS/cm		1.00	1	7/16/2025 9:05

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1268-1-08

Batch Number: AB-250717-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	198	mg/L		10.00	1	7/16/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1268-1-09

Batch Number: AB-250804-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.9	°C			1	7/15/2025 9:45

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1268-1-10

Batch Number: AB-250717-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	7/15/2025 15:56

Analytical Results



Collector: Geological, Arkansas

Site: HM-SPR-04

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:45

Sample Barcode: 

Sample Number: 2025-1268

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2025-1268-1-11

Batch Number: AB-250716-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.82	NTU		0.05	1	7/16/2025 9:05

Total Kjeldahl Nitrogen as N

Method: SM 4500-N(org) C, 2021

Analyst:

Aliquot #: 2025-1268-1-12

Batch Number: AB-250718-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	1.01	mg/L		0.10	1	7/18/2025 11:27

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1268-1-13

Batch Number: AB-250718-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	7/18/2025 11:27

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1268-2-01

Batch Number: AB-250716-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	7/17/2025 10:12

Analytical Results



Collector: Geological, Arkansas

Site: HM-SPR-04

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:45

Sample Barcode: 

Sample Number: 2025-1268

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1268-3-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:30
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:30
Barium	51.2	ug/L		1.00	1	7/24/2025 10:30
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:30
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:30
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:30
Cobalt	<0.100	ug/L		0.10	1	7/24/2025 10:30
Copper	<0.500	ug/L		0.50	1	7/24/2025 10:30
Lead	<0.500	ug/L		0.50	1	7/24/2025 10:30
Nickel	<0.500	ug/L		0.50	1	7/24/2025 10:30
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:30
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:30
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:30
Vanadium	0.236	ug/L		0.20	1	7/24/2025 10:30
Zinc	<5.00	ug/L		5.00	1	7/24/2025 10:30

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1268-3-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:52
Calcium	49.5	mg/L		1.00	1	7/28/2025 9:52
Iron	<0.100	mg/L		0.10	1	7/28/2025 9:52
Magnesium	1.67	mg/L		1.00	1	7/28/2025 9:52
Manganese	<0.0200	mg/L		0.02	1	7/28/2025 9:52
Potassium	1.72	mg/L		1.00	1	7/28/2025 9:52
Sodium	10.1	mg/L		1.00	1	7/28/2025 9:52
Hardness	131	mg/L		1.00	1	7/28/2025 9:52
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:52

Analytical Results



Collector: Geological, Arkansas

Site: HM-SPR-04

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 9:45

Sample Barcode: 

Sample Number: 2025-1268

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1268-4-01

Batch Number: AB-250717-003

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	7/21/2025 12:29
Arsenic	<1.00	ug/L		1.00	1	7/21/2025 12:29
Barium	57.0	ug/L		1.00	1	7/21/2025 12:29
Beryllium	<1.00	ug/L		1.00	1	7/21/2025 12:29
Cadmium	<0.300	ug/L		0.30	1	7/21/2025 12:29
Chromium	<1.00	ug/L		1.00	1	7/21/2025 12:29
Cobalt	<0.100	ug/L		0.10	1	7/21/2025 12:29
Copper	<0.500	ug/L		0.50	1	7/21/2025 12:29
Lead	<0.500	ug/L		0.50	1	7/21/2025 12:29
Nickel	<0.500	ug/L		0.50	1	7/21/2025 12:29
Selenium	<5.00	ug/L		5.00	1	7/21/2025 12:29
Silver	<0.100	ug/L		0.10	1	7/21/2025 12:29
Thallium	<0.500	ug/L		0.50	1	7/21/2025 12:29
Vanadium	0.244	ug/L		0.20	1	7/21/2025 12:29
Zinc	<5.00	ug/L		5.00	1	7/21/2025 12:29

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1268-4-02

Batch Number: AB-250717-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/21/2025 9:37
Calcium	49.5	mg/L		1.00	1	7/21/2025 9:37
Iron	<0.100	mg/L		0.10	1	7/21/2025 9:37
Magnesium	1.66	mg/L		1.00	1	7/21/2025 9:37
Manganese	<0.0200	mg/L		0.02	1	7/21/2025 9:37
Potassium	1.79	mg/L		1.00	1	7/21/2025 9:37
Sodium	10.3	mg/L		1.00	1	7/21/2025 9:37
Phosphorus	<1.00	mg/L		1.00	1	7/21/2025 9:37

Analytical Results



Collector: Geological, Arkansas

Site: CW-SPR2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:25

Sample Barcode: 

Sample Number: 2025-1269

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1269-1-01

Batch Number: AB-250718-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	121	mg/L		6.00	1	7/16/2025 10:34

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1269-1-02

Batch Number: AB-250715-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	7/15/2025 17:26

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1269-1-03

Batch Number: AB-250716-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	7/16/2025 21:19
Chloride	32.5	mg/L		0.50	1	7/16/2025 21:19
Bromide	0.24	mg/L		0.10	1	7/16/2025 21:19
Sulfate	4.28	mg/L		0.50	1	7/16/2025 21:19

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1269-1-04

Batch Number: AB-250718-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.50	mg/L		0.25	5	7/15/2025 17:26

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1269-1-05

Batch Number: AB-250718-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.077	mg/L		0.02	1	7/15/2025 17:26

Analytical Results



Collector: Geological, Arkansas

Site: CW-SPR2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:25

Sample Barcode: 

Sample Number: 2025-1269

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1269-1-06

Batch Number: AB-250804-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.80	None			1	7/15/2025 10:25

Specific Conductance

Method: EPA 120.1, 1982

Analyst: CAC

Aliquot #: 2025-1269-1-07

Batch Number: AB-250716-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	399	uS/cm		1.00	1	7/16/2025 9:06

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1269-1-08

Batch Number: AB-250717-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	263	mg/L		10.00	1	7/16/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1269-1-09

Batch Number: AB-250804-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.8	°C			1	7/15/2025 10:25

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1269-1-10

Batch Number: AB-250717-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	4.50	mg/L		2.00	1	7/15/2025 15:56

Analytical Results



Collector: Geological, Arkansas

Site: CW-SPR2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:25

Sample Barcode: 

Sample Number: 2025-1269

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2025-1269-1-11

Batch Number: AB-250716-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.95	NTU		0.05	1	7/16/2025 9:06

Total Kjeldahl Nitrogen as N

Method: SM 4500-N(org) C, 2021

Analyst:

Aliquot #: 2025-1269-1-12

Batch Number: AB-250718-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.83	mg/L		0.10	1	7/18/2025 11:28

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1269-1-13

Batch Number: AB-250718-010

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	7/18/2025 11:28

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1269-2-01

Batch Number: AB-250716-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	7/17/2025 10:56

Analytical Results



Collector: Geological, Arkansas

Site: CW-SPR2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:25

Sample Barcode: 

Sample Number: 2025-1269

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1269-3-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:35
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:35
Barium	63.8	ug/L		1.00	1	7/24/2025 10:35
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:35
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:35
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:35
Cobalt	<0.100	ug/L		0.10	1	7/24/2025 10:35
Copper	<0.500	ug/L		0.50	1	7/24/2025 10:35
Lead	<0.500	ug/L		0.50	1	7/24/2025 10:35
Nickel	0.555	ug/L		0.50	1	7/24/2025 10:35
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:35
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:35
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:35
Vanadium	0.341	ug/L		0.20	1	7/24/2025 10:35
Zinc	11.5	ug/L		5.00	1	7/24/2025 10:35

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1269-3-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:53
Calcium	58.2	mg/L		5.00	5	7/28/2025 12:03
Iron	<0.100	mg/L		0.10	1	7/28/2025 9:53
Magnesium	2.24	mg/L		1.00	1	7/28/2025 9:53
Manganese	<0.0200	mg/L		0.02	1	7/28/2025 9:53
Potassium	1.12	mg/L		1.00	1	7/28/2025 9:53
Sodium	15.7	mg/L		1.00	1	7/28/2025 9:53
Hardness	155	mg/L		1.00	1	7/28/2025 12:03
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:53

Analytical Results



Collector: Geological, Arkansas

Site: CW-SPR2-01

Work Order Number: WO-250715-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:25

Sample Barcode: 

Sample Number: 2025-1269

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1269-4-01

Batch Number: AB-250717-003

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	7/21/2025 12:33
Arsenic	<1.00	ug/L		1.00	1	7/21/2025 12:33
Barium	71.5	ug/L		1.00	1	7/21/2025 12:33
Beryllium	<1.00	ug/L		1.00	1	7/21/2025 12:33
Cadmium	<0.300	ug/L		0.30	1	7/21/2025 12:33
Chromium	<1.00	ug/L		1.00	1	7/21/2025 12:33
Cobalt	<0.100	ug/L		0.10	1	7/21/2025 12:33
Copper	<0.500	ug/L		0.50	1	7/21/2025 12:33
Lead	<0.500	ug/L		0.50	1	7/21/2025 12:33
Nickel	0.569	ug/L		0.50	1	7/21/2025 12:33
Selenium	<5.00	ug/L		5.00	1	7/21/2025 12:33
Silver	<0.100	ug/L		0.10	1	7/21/2025 12:33
Thallium	<0.500	ug/L		0.50	1	7/21/2025 12:33
Vanadium	0.283	ug/L		0.20	1	7/21/2025 12:33
Zinc	7.63	ug/L		5.00	1	7/21/2025 12:33

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1269-4-02

Batch Number: AB-250717-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/21/2025 9:38
Calcium	57.5	mg/L		5.00	5	7/21/2025 11:30
Iron	<0.100	mg/L		0.10	1	7/21/2025 9:38
Magnesium	2.26	mg/L		1.00	1	7/21/2025 9:38
Manganese	<0.0200	mg/L		0.02	1	7/21/2025 9:38
Potassium	1.28	mg/L		1.00	1	7/21/2025 9:38
Sodium	16.1	mg/L		1.00	1	7/21/2025 9:38
Phosphorus	<1.00	mg/L		1.00	1	7/21/2025 9:38

Analytical Results



Collector: Geological, Arkansas

Site: Metals Field Blank

Work Order Number: WO-250715-02

Sample Classification: Special

Project: EVT

Matrix: Water

Collected: 7/15/2025 10:30

Sample Barcode: 

Sample Number: 2025-1270

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1270-1-01

Batch Number: AB-250717-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	7/24/2025 10:39
Arsenic	<1.00	ug/L		1.00	1	7/24/2025 10:39
Barium	<1.00	ug/L		1.00	1	7/24/2025 10:39
Beryllium	<1.00	ug/L		1.00	1	7/24/2025 10:39
Cadmium	<0.300	ug/L		0.30	1	7/24/2025 10:39
Chromium	<1.00	ug/L		1.00	1	7/24/2025 10:39
Cobalt	<0.100	ug/L		0.10	1	7/24/2025 10:39
Copper	<0.500	ug/L		0.50	1	7/24/2025 10:39
Lead	<0.500	ug/L		0.50	1	7/24/2025 10:39
Nickel	<0.500	ug/L		0.50	1	7/24/2025 10:39
Selenium	<5.00	ug/L		5.00	1	7/24/2025 10:39
Silver	<0.100	ug/L		0.10	1	7/24/2025 10:39
Thallium	<0.500	ug/L		0.50	1	7/24/2025 10:39
Vanadium	<0.200	ug/L		0.20	1	7/24/2025 10:39
Zinc	<5.00	ug/L		5.00	1	7/24/2025 10:39

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1270-1-02

Batch Number: AB-250717-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	7/28/2025 9:55
Calcium	<1.00	mg/L		1.00	1	7/28/2025 9:55
Iron	<0.100	mg/L		0.10	1	7/28/2025 9:55
Magnesium	<1.00	mg/L		1.00	1	7/28/2025 9:55
Manganese	<0.0200	mg/L		0.02	1	7/28/2025 9:55
Potassium	<1.00	mg/L		1.00	1	7/28/2025 9:55
Sodium	<1.00	mg/L		1.00	1	7/28/2025 9:55
Hardness	<1.00	mg/L		1.00	1	7/28/2025 9:55
Phosphorus	<1.00	mg/L		1.00	1	7/28/2025 9:55

QUALITY CONTROL REPORT

Project: **EVT Routine+Metals 2025 1265-1270**

Date and Time Received: 7/15/2025 15:07:00

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-250715-016		Parent Sample:		2025-1262		
	mg/L	<0.03	0.03	103.0 /	80-120		-		102.5 / 103.0	80-120	0.5	-		
Turbidity		EPA 180.1					Batch #:	AB-250716-001		Parent Sample:				
	NTU	<0.05	0.05	103.4 /	90-110		-		/	-		-		
Specific Conductance		EPA 120.1, 1982					Batch #:	AB-250716-004		Parent Sample:				
	uS/cm	<1.00	1.00	100.3 /	95-105		-		/	-		-		
		SM 5310 C, 2014					Batch #:	AB-250716-007		Parent Sample:		2025-1266		
	mg/L	<1.00	1,000.00	100.4 /	85-115		-		98.8 / 93.2	80-120	4.7	-		
Anions		EPA 300.0 (Rev.2.1, 1993)					Batch #:	AB-250716-010		Parent Sample:		2025-1262		
Br	mg/L	<0.10	0.10	91.2 /	90-110		-		83.2 / 82.7	80-120	0.5	-		
Cl	mg/L	<0.50	0.50	99.5 /	90-110		-		99.5 / 99.1	80-120	0.3	-		
F	mg/L	<0.10	0.10	98.5 /	90-110		-		100.7 / 100.2	80-120	0.4	-		
SO4	mg/L	<0.50	0.50	99.6 /	90-110		-		97.7 / 97.3	80-120	0.2	-		
		EPA 200.8 (Rev. 5.4, 1994)					Batch #:	AB-250717-003		Parent Sample:		2025-1202		
	ug/L	<0.100	0.10	90.1 /	85-115		-		88.5 / 87.9	70-130	0.6	-		
As	ug/L	<1.00	1.00	97.7 /	85-115		-		101.0 / 100.3	70-130	0.7	-		
Ba	ug/L	<1.00	1.00	99.5 /	85-115		-		103.9 / 102.3	70-130	0.9	-		
Be	ug/L	<1.00	1.00	96.1 /	85-115		-		104.1 / 104.6	70-130	0.5	-		
Cd	ug/L	<0.300	0.30	96.9 /	85-115		-		99.5 / 99.1	70-130	0.3	-		
Co	ug/L	<0.100	0.10	93.8 /	85-115		-		88.4 / 89.2	70-130	0.9	-		
Cr	ug/L	<1.00	1.00	95.3 /	85-115		-		92.5 / 92.8	70-130	0.4	-		
Cu	ug/L	<0.500	0.50	89.4 /	85-115		-		83.7 / 84.2	70-130	0.6	-		
Ni	ug/L	<0.500	0.50	90.2 /	85-115		-		84.7 / 84.4	70-130	0.3	-		
Pb	ug/L	<0.500	0.50	96.0 /	85-115		-		98.4 / 97.9	70-130	0.5	-		
Sb	ug/L	<2.00	2.00	101.3 /	85-115		-		103.5 / 102.9	70-130	0.5	-		
Se	ug/L	<5.00	5.00	98.0 /	85-115		-		103.2 / 103.3	70-130	0.1	-		
Tl	ug/L	<0.500	0.50	97.5 /	85-115		-		101.1 / 101.0	70-130	0.1	-		
V	ug/L	<0.200	0.20	93.4 /	85-115		-		93.6 / 93.9	70-130	0.3	-		
Zn	ug/L	<5.00	5.00	96.7 /	85-115		-		95.8 / 94.5	70-130	1.3	-		
		EPA 200.7					Batch #:	AB-250717-005		Parent Sample:		2025-1202		
	mg/L	<0.100	0.10	99.6 /	85-115		-		100.7 / 101.3	70-130	0.5	-		
Ca	mg/L	<1.00	1.00	100.4 /	85-115		-		85.5 / 92.1	70-130	1.0	-		
Fe	mg/L	<0.100	0.10	99.5 /	85-115		-		97.4 / 97.8	70-130	0.4	-		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
K	mg/L	<1.00	1.00	97.8 /	85-115		-			100.7 / 100.9	70-130	0.2	-	
Mg	mg/L	<1.00	1.00	100.7 /	85-115		-			98.3 / 99.2	70-130	0.5	-	
Mn	mg/L	<0.0200	0.02	99.7 /	85-115		-			97.2 / 97.7	70-130	0.5	-	
Na	mg/L	<1.00	1.00	102.3 /	85-115		-			103.7 / 104.3	70-130	0.4	-	
P	mg/L	<1.00	1.00	100.8 /	85-115		-			102.3 / 103.0	70-130	0.7	-	
ICP/MS Metals (Dissolved)		EPA 200.8 (Rev. 5.4, 1994)				Batch #:		AB-250717-007		Parent Sample:		2025-1228		
Ag	ug/L	<0.100	0.10	93.4 /	85-115		-			88.0 / 88.4	70-130	0.4	-	
As	ug/L	<1.00	1.00	103.5 /	85-115		-			99.8 / 100.4	70-130	0.7	-	
Ba	ug/L	<1.00	1.00	97.4 /	85-115		-			93.3 / 92.5	70-130	0.6	-	
Be	ug/L	<1.00	1.00	103.9 /	85-115		-			97.9 / 98.4	70-130	0.5	-	
Cd	ug/L	<0.300	0.30	103.4 /	85-115		-			99.0 / 98.4	70-130	0.6	-	
Co	ug/L	<0.100	0.10	96.9 /	85-115		-			91.7 / 90.6	70-130	1.2	-	
Cr	ug/L	<1.00	1.00	99.4 /	85-115		-			94.3 / 92.8	70-130	1.6	-	
Cu	ug/L	<0.500	0.50	93.7 /	85-115		-			88.6 / 88.0	70-130	0.6	-	
Ni	ug/L	<0.500	0.50	94.0 /	85-115		-			88.6 / 88.2	70-130	0.5	-	
Pb	ug/L	<0.500	0.50	103.2 /	85-115		-			97.4 / 96.2	70-130	1.3	-	
Sb	ug/L	<2.00	2.00	107.5 /	85-115		-			102.5 / 101.6	70-130	0.9	-	
Se	ug/L	<5.00	5.00	103.9 /	85-115		-			102.0 / 101.9	70-130	0.1	-	
Tl	ug/L	<0.500	0.50	101.7 /	85-115		-			95.9 / 95.6	70-130	0.3	-	
V	ug/L	<0.200	0.20	98.8 /	85-115		-			93.4 / 92.6	70-130	0.9	-	
Zn	ug/L	<5.00	5.00	104.7 /	85-115		-			98.8 / 98.2	70-130	0.5	-	
ICP/OES Metals (Dissolved)		EPA 200.7				Batch #:		AB-250717-009		Parent Sample:		2025-1228		
Al	mg/L	<0.100	0.10	100.3 /	85-115		-			94.2 / 92.9	70-131	1.4	-	
Ca	mg/L	<1.00	1.00	104.4 /	85-115		-			98.2 / 96.7	70-131	1.3	-	
Fe	mg/L	<0.100	0.10	102.7 /	85-115		-			96.8 / 95.5	70-131	1.4	-	
K	mg/L	<1.00	1.00	98.8 /	85-115		-			91.5 / 90.2	70-131	1.2	-	
Mg	mg/L	<1.00	1.00	103.0 /	85-115		-			97.1 / 95.7	70-131	1.3	-	
Mn	mg/L	<0.0200	0.02	104.0 /	85-115		-			97.8 / 96.4	70-131	1.4	-	
Na	mg/L	<1.00	1.00	103.3 /	85-115		-			95.4 / 93.9	70-131	1.3	-	
P	mg/L	<1.00	1.00	102.0 /	85-115		-			95.6 / 94.4	70-131	1.3	-	
Total Suspended Solids		SM 2540 D, 2020				Batch #:		AB-250717-011		Parent Sample:				
	mg/L	<2.00	2.00	101.3 /	90-110		-			/	-	-	-	
Total Dissolved Solids		SM 2540 C, 2020				Batch #:		AB-250717-015		Parent Sample:				
	mg/L	<10.0	10.00	107.0 /	90-110		-			/	-	-	-	
Orthophosphate as P		SM 4500-P G, 2021				Batch #:		AB-250718-001		Parent Sample:		2025-1262		
	mg/L	<0.02	0.02	102.5 /	80-120		-			98.9 / 99.9	80-120	0.8	-	
Nitrate +Nitrite as N		SM 4500-NO3 F, 2019				Batch #:		AB-250718-004		Parent Sample:		2025-1262		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Alkalinity as CaCO3	mg/L	<0.05	0.05	98.5 /	80-120			-		96.0 / 96.7	80-120	0.6	-	
	EPA 310.2 (Rev. 1974)			Batch #:			AB-250718-007	Parent Sample:						
	mg/L	<6.00	6.00	99.7 /	90-110			-		/	-		-	
	SM 4500-P G, 2021			Batch #:			AB-250718-010	Parent Sample:			2025-1262			
	mg/L	<0.02	0.02	91.5 /	80-120			-		95.7 / 97.2	80-120	1.5	-	
	SM 4500-N(org) C, 2021			Batch #:			AB-250718-013	Parent Sample:			2025-1262			
	mg/L	<0.10	0.10	95.5 /	80-120			-		98.2 / 98.2	80-120	0.0	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250715-02

Parent Sample 2025-1266

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250715-016 Dup - Field 2		Parent Aliquot #	2025-1266-1-02		
Ammonia as Nitrogen		0.18	mg/L	1.13	0 - 20	AB-250715-016
Aliquot #	AB-250715-016 Dup - Field 3		Parent Aliquot #	2025-1267-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250715-016
Aliquot #	AB-250716-001 Dup - Field 1		Parent Aliquot #	2025-1266-1-11		
Turbidity		18.0	NTU	0.56	0 - 20	AB-250716-001
Aliquot #	AB-250716-001 Dup - Field 2		Parent Aliquot #	2025-1267-1-11		
Turbidity		0.61	NTU	5.04	0 - 20	AB-250716-001
Aliquot #	AB-250716-004 Dup - Field 1		Parent Aliquot #	2025-1266-1-07		
Specific Conductance		260	uS/cm	0.39	0 - 20	AB-250716-004
Aliquot #	AB-250716-004 Dup - Field 2		Parent Aliquot #	2025-1267-1-07		
Specific Conductance		303	uS/cm	0.00	0 - 20	AB-250716-004
Aliquot #	AB-250716-007 Dup - Field 1		Parent Aliquot #	2025-1266-2-01		
Dissolved Organic Carbon		1.14	mg/L	0.00	0 - 20	AB-250716-007
Aliquot #	AB-250716-007 Dup - Field 2		Parent Aliquot #	2025-1267-2-01		
Dissolved Organic Carbon		<1.00	mg/L	34.38	0 - 20	AB-250716-007
Aliquot #	AB-250716-010 Dup - Field 2		Parent Aliquot #	2025-1266-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250716-010
Chloride		5.04	mg/L	2.37	0 - 20	AB-250716-010
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250716-010
Sulfate		5.06	mg/L	0.85	0 - 20	AB-250716-010
Aliquot #	AB-250716-010 Dup - Field 3		Parent Aliquot #	2025-1267-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250716-010
Chloride		7.29	mg/L	0.21	0 - 20	AB-250716-010
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250716-010
Sulfate		3.07	mg/L	1.36	0 - 20	AB-250716-010
Aliquot #	AB-250717-003 Dup - Field 3		Parent Aliquot #	2025-1266-4-01		
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250717-003
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250717-003
Barium		13.6	ug/L	0.22	0 - 20	AB-250717-003
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250717-003
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250717-003
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250717-003

Cobalt	0.167	ug/L	38.50	0 - 20	AB-250717-003
Copper	0.948	ug/L	160.33	0 - 20	AB-250717-003
Lead	<0.500	ug/L	123.52	0 - 20	AB-250717-003
Nickel	0.714	ug/L	40.11	0 - 20	AB-250717-003
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250717-003
Silver	<0.100	ug/L	0.00	0 - 20	AB-250717-003
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250717-003
Vanadium	<0.200	ug/L	0.00	0 - 20	AB-250717-003
Zinc	<5.00	ug/L	120.10	0 - 20	AB-250717-003

Aliquot #	AB-250717-003 Dup - Field 4	Parent Aliquot #	2025-1267-4-01		
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250717-003
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250717-003
Barium	46.4	ug/L	0.12	0 - 20	AB-250717-003
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250717-003
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250717-003
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250717-003
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250717-003
Copper	<0.500	ug/L	0.00	0 - 20	AB-250717-003
Lead	<0.500	ug/L	0.00	0 - 20	AB-250717-003
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250717-003
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250717-003
Silver	<0.100	ug/L	0.00	0 - 20	AB-250717-003
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250717-003
Vanadium	0.280	ug/L	2.66	0 - 20	AB-250717-003
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250717-003

Aliquot #	AB-250717-005 Dup - Field 3	Parent Aliquot #	2025-1266-4-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250717-005
Calcium	45.2	mg/L	0.20	0 - 20	AB-250717-005
Iron	2.27	mg/L	60.69	0 - 20	AB-250717-005
Magnesium	2.75	mg/L	0.16	0 - 20	AB-250717-005
Manganese	0.611	mg/L	7.88	0 - 20	AB-250717-005
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250717-005
Sodium	2.99	mg/L	4.12	0 - 20	AB-250717-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250717-005

Aliquot #	AB-250717-005 Dup - Field 4	Parent Aliquot #	2025-1267-4-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250717-005
Calcium	49.1	mg/L	0.47	0 - 20	AB-250717-005
Iron	<0.100	mg/L	0.00	0 - 20	AB-250717-005
Magnesium	1.46	mg/L	0.03	0 - 20	AB-250717-005
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250717-005
Potassium	1.54	mg/L	2.35	0 - 20	AB-250717-005
Sodium	8.22	mg/L	0.48	0 - 20	AB-250717-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250717-005

Aliquot #	AB-250717-007 Dup - Field 2	Parent Aliquot #	2025-1266-3-01		
-----------	-----------------------------	------------------	----------------	--	--

Antimony	<2.00	ug/L	0.00	0 - 20	AB-250717-007
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Barium	11.5	ug/L	1.20	0 - 20	AB-250717-007
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250717-007
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Cobalt	0.138	ug/L	2.86	0 - 20	AB-250717-007
Copper	1.96	ug/L	0.18	0 - 20	AB-250717-007
Lead	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Nickel	0.624	ug/L	3.17	0 - 20	AB-250717-007
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250717-007
Silver	<0.100	ug/L	0.00	0 - 20	AB-250717-007
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Vanadium	<0.200	ug/L	0.00	0 - 20	AB-250717-007
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250717-007

Aliquot #	AB-250717-007 Dup - Field 3		Parent Aliquot #	2025-1267-3-01	
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250717-007
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Barium	42.2	ug/L	1.11	0 - 20	AB-250717-007
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250717-007
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250717-007
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250717-007
Copper	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Lead	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250717-007
Silver	<0.100	ug/L	0.00	0 - 20	AB-250717-007
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250717-007
Vanadium	0.355	ug/L	27.06	0 - 20	AB-250717-007
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250717-007

Aliquot #	AB-250717-009 Dup - Field 2		Parent Aliquot #	2025-1266-3-02	
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250717-009
Calcium	44.9	mg/L	1.08	0 - 20	AB-250717-009
Iron	0.586	mg/L	42.12	0 - 20	AB-250717-009
Magnesium	2.73	mg/L	1.17	0 - 20	AB-250717-009
Manganese	0.590	mg/L	0.27	0 - 20	AB-250717-009
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250717-009
Sodium	2.99	mg/L	1.90	0 - 20	AB-250717-009
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250717-009

Aliquot #	AB-250717-009 Dup - Field 3		Parent Aliquot #	2025-1267-3-02	
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250717-009
Calcium	49.0	mg/L	0.53	0 - 20	AB-250717-009
Iron	<0.100	mg/L	0.00	0 - 20	AB-250717-009

Magnesium	1.48	mg/L	0.35	0 - 20	AB-250717-009
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250717-009
Potassium	1.42	mg/L	3.40	0 - 20	AB-250717-009
Sodium	8.07	mg/L	0.04	0 - 20	AB-250717-009
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250717-009
Aliquot #	AB-250717-011 Dup - Field 2	Parent Aliquot #	2025-1266-1-10		
Total Suspended Solids	28.5	mg/L	32.65	0 - 5	AB-250717-011
Aliquot #	AB-250717-011 Dup - Field 3	Parent Aliquot #	2025-1267-1-10		
Total Suspended Solids	<2.00	mg/L	0.00	0 - 5	AB-250717-011
Aliquot #	AB-250717-015 Dup - Field 2	Parent Aliquot #	2025-1266-1-08		
Total Dissolved Solids	150	mg/L	1.35	0 - 5	AB-250717-015
Aliquot #	AB-250717-015 Dup - Field 3	Parent Aliquot #	2025-1267-1-08		
Total Dissolved Solids	186	mg/L	0.27	0 - 5	AB-250717-015
Aliquot #	AB-250718-001 Dup - Field 2	Parent Aliquot #	2025-1266-1-05		
Orthophosphate as Phosphorus	0.02	mg/L	2.01	0 - 20	AB-250718-001
Aliquot #	AB-250718-001 Dup - Field 3	Parent Aliquot #	2025-1267-1-05		
Orthophosphate as Phosphorus	0.08	mg/L	0.12	0 - 20	AB-250718-001
Aliquot #	AB-250718-004 Dup - Field 2	Parent Aliquot #	2025-1266-1-04		
Nitrite+Nitrate as Nitrogen	<0.05	mg/L	0.00	0 - 20	AB-250718-004
Aliquot #	AB-250718-004 Dup - Field 3	Parent Aliquot #	2025-1267-1-04		
Nitrite+Nitrate as Nitrogen	5.50	mg/L	1.80	0 - 20	AB-250718-004
Aliquot #	AB-250718-007 Dup - Field 2	Parent Aliquot #	2025-1266-1-01		
Alkalinity	124	mg/L	0.81	0 - 20	AB-250718-007
Aliquot #	AB-250718-007 Dup - Field 3	Parent Aliquot #	2025-1267-1-01		
Alkalinity	121	mg/L	0.82	0 - 20	AB-250718-007
Aliquot #	AB-250718-010 Dup - Field 2	Parent Aliquot #	2025-1266-1-13		
Total Phosphorus	<0.02	mg/L	0.00	0 - 20	AB-250718-010
Aliquot #	AB-250718-010 Dup - Field 3	Parent Aliquot #	2025-1267-1-13		
Total Phosphorus	0.03	mg/L	0.94	0 - 20	AB-250718-010
Aliquot #	AB-250718-013 Dup - Field 2	Parent Aliquot #	2025-1266-1-12		
Total Kjeldahl Nitrogen	0.27	mg/L	4.76	0 - 20	AB-250718-013
Aliquot #	AB-250718-013 Dup - Field 3	Parent Aliquot #	2025-1267-1-12		
Total Kjeldahl Nitrogen	0.84	mg/L	24.00	0 - 20	AB-250718-013
Aliquot #	AB-250804-028 Dup - Field 1	Parent Aliquot #	2025-1266-1-06		
pH	8.01	units	0.00	0 - 20	AB-250804-028
Aliquot #	AB-250804-028 Dup - Field 2	Parent Aliquot #	2025-1267-1-06		
pH	6.88	units	0.00	0 - 20	AB-250804-028
Aliquot #	AB-250804-029 Dup - Field 1	Parent Aliquot #	2025-1266-1-09		

Water Temperature	18.3	°C	0.00	0 - 20	AB-250804-029
Aliquot #	AB-250804-029 Dup - Field 2	Parent Aliquot #	2025-1267-1-09		
Water Temperature	17.6	°C	0.00	0 - 20	AB-250804-029