

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 1581-1588

Date and Time Received: 8/19/2025 16:03:00

Work Order Number: WO-250819-05

Case Narrative:

"R" qualifiers are more common in results close or below reporting limit.

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	0.6°C	
Received on Ice	Yes	
Containers are Correct	Yes	
Custody Seals	No	
COC/Labels Agree	Yes	

Data Qualifiers

Qualifier Flag	Description
R	RPD value does not meet lab acceptance criteria

Analytical Results



Laboratory Name:	ADEQ Laboratory and Monitoring Services	Email:	ags@arkansas.gov
Contact Name:	Geological, Arkansas	Phone:	501-296-1877
Lab Address:	5301 Northshore Drive North Little Rock, AR 72118	Fax:	

Collector: Geological, Arkansas	Site: GSIM-W01U	Work Order Number: WO-250819-05
Sample Classification: Routine Monitoring	Project:	EVT
Matrix: Water	Collected:	8/18/2025 14:30
Sample Barcode: 	Sample Number:	2025-1581

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

Aliquot #: 2025-1581-1-01 **Batch Number: AB-250821-008**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	271	mg/L		6.00	1	8/20/2025 16:08

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

Aliquot #: 2025-1581-1-02 **Batch Number: AB-250820-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.127	mg/L		0.03	1	8/20/2025 10:08

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

Aliquot #: 2025-1581-1-03 **Batch Number: AB-250820-013**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	3.52	mg/L		0.10	1	8/21/2025 0:58
Chloride	10.4	mg/L		0.50	1	8/21/2025 0:58
Bromide	0.15	mg/L		0.10	1	8/21/2025 0:58
Sulfate	7.06	mg/L		0.50	1	8/21/2025 0:58

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

Aliquot #: 2025-1581-1-04 **Batch Number: AB-250821-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	<0.05	mg/L		0.05	1	8/20/2025 10:08

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01U

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:30

Sample Barcode: 

Sample Number: 2025-1581

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1581-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	8/20/2025 10:08

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1581-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	8.45	None			1	8/18/2025 14:30

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1581-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	566	uS/cm		1.00	1	8/20/2025 9:57

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1581-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	336	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1581-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	22.2	°C			1	8/18/2025 14:30

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01U

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:30

Sample Barcode: 

Sample Number: 2025-1581

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1581-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/20/2025 7:25

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1581-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.65	NTU		0.05	1	8/20/2025 9:57

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1581-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	8/21/2025 9:23
Total Nitrogen from Lachat	0.10	mg/L		0.10	1	8/21/2025 9:23

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1581-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	8/21/2025 9:23

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1581-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/20/2025 19:26

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01U

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:30

Sample Barcode: 

Sample Number: 2025-1581

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1581-3-01

Batch Number: AB-250825-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 14:35
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 14:35
Barium	8.26	ug/L		1.00	1	8/25/2025 14:35
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 14:35
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 14:35
Chromium	<1.00	ug/L		1.00	1	8/25/2025 14:35
Cobalt	0.154	ug/L		0.10	1	8/25/2025 14:35
Copper	<0.500	ug/L		0.50	1	8/25/2025 14:35
Lead	<0.500	ug/L		0.50	1	8/25/2025 14:35
Nickel	3.89	ug/L		0.50	1	8/25/2025 14:35
Selenium	<5.00	ug/L		5.00	1	8/25/2025 14:35
Silver	<0.100	ug/L		0.10	1	8/25/2025 14:35
Thallium	<0.500	ug/L		0.50	1	8/25/2025 14:35
Vanadium	<0.200	ug/L		0.20	1	8/25/2025 14:35
Zinc	<5.00	ug/L		5.00	1	8/25/2025 14:35

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1581-3-02

Batch Number: AB-250825-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 10:58
Calcium	13.1	mg/L		1.00	1	8/25/2025 10:58
Iron	<0.100	mg/L		0.10	1	8/25/2025 10:58
Magnesium	3.05	mg/L		1.00	1	8/25/2025 10:58
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 10:58
Potassium	2.44	mg/L		1.00	1	8/25/2025 10:58
Sodium	105	mg/L		5.00	5	8/25/2025 11:33
Hardness	45.4	mg/L		1.00	1	8/25/2025 11:33
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 10:58

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01U

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:30

Sample Barcode: 

Sample Number: 2025-1581

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1581-4-01

Batch Number: AB-250827-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 13:02
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 13:02
Barium	8.63	ug/L		1.00	1	8/27/2025 13:02
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 13:02
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 13:02
Chromium	<1.00	ug/L		1.00	1	8/27/2025 13:02
Cobalt	0.165	ug/L		0.10	1	8/27/2025 13:02
Copper	<0.500	ug/L		0.50	1	8/27/2025 13:02
Lead	<0.500	ug/L		0.50	1	8/27/2025 13:02
Nickel	4.04	ug/L		0.50	1	8/27/2025 13:02
Selenium	<5.00	ug/L		5.00	1	8/27/2025 13:02
Silver	<0.100	ug/L		0.10	1	8/27/2025 13:02
Thallium	<0.500	ug/L		0.50	1	8/27/2025 13:02
Vanadium	<0.200	ug/L		0.20	1	8/27/2025 13:02
Zinc	5.03	ug/L		5.00	1	8/27/2025 13:02

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1581-4-02

Batch Number: AB-250826-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 10:32
Calcium	14.4	mg/L		1.00	1	8/26/2025 10:32
Iron	<0.100	mg/L		0.10	1	8/26/2025 10:32
Magnesium	3.38	mg/L		1.00	1	8/26/2025 10:32
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 10:32
Potassium	2.65	mg/L		1.00	1	8/26/2025 10:32
Sodium	117	mg/L		5.00	5	8/26/2025 11:07
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 10:32

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01F

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:15

Sample Barcode: 

Sample Number: 2025-1582

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1582-1-01

Batch Number: AB-250821-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	380	mg/L		30.00	5	8/20/2025 17:41

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst:

Aliquot #: 2025-1582-1-02

Batch Number: AB-250820-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/20/2025 10:10

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1582-1-03

Batch Number: AB-250820-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	4.47	mg/L		0.10	1	8/21/2025 1:07
Chloride	13.4	mg/L		0.50	1	8/21/2025 1:07
Bromide	0.18	mg/L		0.10	1	8/21/2025 1:07
Sulfate	6.07	mg/L		0.50	1	8/21/2025 1:07

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst:

Aliquot #: 2025-1582-1-04

Batch Number: AB-250821-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	<0.05	mg/L		0.05	1	8/20/2025 10:10

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1582-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	8/20/2025 10:10

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01F

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:15

Sample Barcode: 

Sample Number: 2025-1582

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1582-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.83	None			1	8/18/2025 14:15

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1582-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	669	uS/cm		1.00	1	8/20/2025 10:00

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1582-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	388	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1582-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	26.7	°C			1	8/18/2025 14:15

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1582-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/20/2025 7:25

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01F

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:15

Sample Barcode: 

Sample Number: 2025-1582

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1582-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.53	NTU		0.05	1	8/20/2025 10:00

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1582-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	8/21/2025 9:24
Total Nitrogen from Lachat	<0.10	mg/L		0.10	1	8/21/2025 9:24

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1582-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	8/21/2025 9:24

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1582-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/20/2025 19:40

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01F

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:15

Sample Barcode: 

Sample Number: 2025-1582

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1582-3-01

Batch Number: AB-250825-002

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 14:39
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 14:39
Barium	7.25	ug/L		1.00	1	8/25/2025 14:39
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 14:39
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 14:39
Chromium	<1.00	ug/L		1.00	1	8/25/2025 14:39
Cobalt	0.549	ug/L		0.10	1	8/25/2025 14:39
Copper	7.00	ug/L		0.50	1	8/25/2025 14:39
Lead	<0.500	ug/L		0.50	1	8/25/2025 14:39
Nickel	7.12	ug/L		0.50	1	8/25/2025 14:39
Selenium	<5.00	ug/L		5.00	1	8/25/2025 14:39
Silver	<0.100	ug/L		0.10	1	8/25/2025 14:39
Thallium	<0.500	ug/L		0.50	1	8/25/2025 14:39
Vanadium	<0.200	ug/L		0.20	1	8/25/2025 14:39
Zinc	138	ug/L		25.00	5	8/25/2025 16:03

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1582-3-02

Batch Number: AB-250825-004

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 11:00
Calcium	10.6	mg/L		1.00	1	8/25/2025 11:00
Iron	<0.100	mg/L		0.10	1	8/25/2025 11:00
Magnesium	2.48	mg/L		1.00	1	8/25/2025 11:00
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 11:00
Potassium	2.78	mg/L		1.00	1	8/25/2025 11:00
Sodium	127	mg/L		5.00	5	8/25/2025 11:35
Hardness	36.6	mg/L		1.00	1	8/25/2025 11:35
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 11:00

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-W01F

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 14:15

Sample Barcode: 

Sample Number: 2025-1582

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1582-4-01

Batch Number: AB-250827-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 13:07
Arsenic	<1.00	ug/L		1.00	1	8/27/2025 13:07
Barium	7.17	ug/L		1.00	1	8/27/2025 13:07
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 13:07
Cadmium	<0.300	ug/L		0.30	1	8/27/2025 13:07
Chromium	<1.00	ug/L		1.00	1	8/27/2025 13:07
Cobalt	0.577	ug/L		0.10	1	8/27/2025 13:07
Copper	11.5	ug/L		0.50	1	8/27/2025 13:07
Lead	<0.500	ug/L		0.50	1	8/27/2025 13:07
Nickel	7.52	ug/L		0.50	1	8/27/2025 13:07
Selenium	<5.00	ug/L		5.00	1	8/27/2025 13:07
Silver	<0.100	ug/L		0.10	1	8/27/2025 13:07
Thallium	<0.500	ug/L		0.50	1	8/27/2025 13:07
Vanadium	<0.200	ug/L		0.20	1	8/27/2025 13:07
Zinc	159	ug/L		25.00	5	8/27/2025 14:31

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1582-4-02

Batch Number: AB-250826-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 10:34
Calcium	11.7	mg/L		1.00	1	8/26/2025 10:34
Iron	<0.100	mg/L		0.10	1	8/26/2025 10:34
Magnesium	2.80	mg/L		1.00	1	8/26/2025 10:34
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 10:34
Potassium	3.04	mg/L		1.00	1	8/26/2025 10:34
Sodium	140	mg/L		5.00	5	8/26/2025 11:09
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 10:34

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-HW01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:05

Sample Barcode: 

Sample Number: 2025-1583

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1583-1-01

Batch Number: AB-250821-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	114	mg/L		6.00	1	8/20/2025 16:10

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1583-1-02

Batch Number: AB-250820-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/20/2025 10:01

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1583-1-03

Batch Number: AB-250820-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/21/2025 1:16
Chloride	4.24	mg/L		0.50	1	8/21/2025 1:16
Bromide	<0.10	mg/L		0.10	1	8/21/2025 1:16
Sulfate	4.27	mg/L		0.50	1	8/21/2025 1:16

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1583-1-04

Batch Number: AB-250821-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.70	mg/L		0.05	1	8/20/2025 10:01

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1583-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	8/20/2025 10:01

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-HW01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:05

Sample Barcode: 

Sample Number: 2025-1583

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1583-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.92	None			1	8/18/2025 15:05

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1583-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	252	uS/cm		1.00	1	8/20/2025 10:02

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1583-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	143	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1583-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	18.2	°C			1	8/18/2025 15:05

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1583-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	9.50	mg/L		2.00	1	8/20/2025 7:25

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-HW01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:05

Sample Barcode: 

Sample Number: 2025-1583

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1583-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	4.03	NTU		0.05	1	8/20/2025 10:02

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1583-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.19	mg/L		0.10	1	8/21/2025 9:25
Total Nitrogen from Lachat	0.89	mg/L		0.10	1	8/21/2025 9:25

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1583-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.04	mg/L		0.02	1	8/21/2025 9:25

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1583-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/20/2025 19:54

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-HW01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:05

Sample Barcode: 

Sample Number: 2025-1583

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1583-3-01

Batch Number: AB-250825-002

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	8/25/2025 14:43
Arsenic	<1.00	ug/L		1.00	1	8/25/2025 14:43
Barium	34.9	ug/L		1.00	1	8/25/2025 14:43
Beryllium	<1.00	ug/L		1.00	1	8/25/2025 14:43
Cadmium	<0.300	ug/L		0.30	1	8/25/2025 14:43
Chromium	<1.00	ug/L		1.00	1	8/25/2025 14:43
Cobalt	<0.100	ug/L		0.10	1	8/25/2025 14:43
Copper	<0.500	ug/L		0.50	1	8/25/2025 14:43
Lead	<0.500	ug/L		0.50	1	8/25/2025 14:43
Nickel	0.644	ug/L		0.50	1	8/25/2025 14:43
Selenium	<5.00	ug/L		5.00	1	8/25/2025 14:43
Silver	<0.100	ug/L		0.10	1	8/25/2025 14:43
Thallium	<0.500	ug/L		0.50	1	8/25/2025 14:43
Vanadium	0.239	ug/L		0.20	1	8/25/2025 14:43
Zinc	<5.00	ug/L		5.00	1	8/25/2025 14:43

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1583-3-02

Batch Number: AB-250825-004

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 11:01
Calcium	44.0	mg/L		1.00	1	8/25/2025 11:01
Iron	<0.100	mg/L		0.10	1	8/25/2025 11:01
Magnesium	1.04	mg/L		1.00	1	8/25/2025 11:01
Manganese	0.0208	mg/L		0.02	1	8/25/2025 11:01
Potassium	<1.00	mg/L		1.00	1	8/25/2025 11:01
Sodium	4.12	mg/L		1.00	1	8/25/2025 11:01
Hardness	114	mg/L		1.00	1	8/25/2025 11:01
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 11:01

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-HW01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:05

Sample Barcode: 

Sample Number: 2025-1583

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1583-4-01

Batch Number: AB-250827-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/28/2025 9:00
Arsenic	<1.00	ug/L		1.00	1	8/28/2025 9:00
Barium	35.7	ug/L		1.00	1	8/28/2025 9:00
Beryllium	<1.00	ug/L		1.00	1	8/28/2025 9:00
Cadmium	<0.300	ug/L		0.30	1	8/28/2025 9:00
Chromium	<1.00	ug/L		1.00	1	8/28/2025 9:00
Cobalt	<0.100	ug/L		0.10	1	8/28/2025 9:00
Copper	<0.500	ug/L		0.50	1	8/28/2025 9:00
Lead	<0.500	ug/L		0.50	1	8/28/2025 9:00
Nickel	0.857	ug/L		0.50	1	8/28/2025 9:00
Selenium	<5.00	ug/L		5.00	1	8/28/2025 9:00
Silver	<0.100	ug/L		0.10	1	8/28/2025 9:00
Thallium	<0.500	ug/L		0.50	1	8/28/2025 9:00
Vanadium	0.325	ug/L	R	0.20	1	8/28/2025 9:00
Zinc	<5.00	ug/L		5.00	1	8/28/2025 9:00

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1583-4-02

Batch Number: AB-250826-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 11:43
Calcium	44.6	mg/L		1.00	1	8/26/2025 11:43
Iron	<0.100	mg/L		0.10	1	8/26/2025 11:43
Magnesium	1.08	mg/L		1.00	1	8/26/2025 11:43
Manganese	0.0416	mg/L		0.02	1	8/26/2025 11:43
Potassium	1.06	mg/L		1.00	1	8/26/2025 11:43
Sodium	4.28	mg/L		1.00	1	8/26/2025 11:43
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 11:43

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-SPR01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:40

Sample Barcode: 

Sample Number: 2025-1584

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1584-1-01

Batch Number: AB-250821-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	196	mg/L		6.00	1	8/20/2025 16:14

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst:

Aliquot #: 2025-1584-1-02

Batch Number: AB-250820-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	0.336	mg/L		0.03	1	8/20/2025 10:11

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1584-1-03

Batch Number: AB-250820-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	1.61	mg/L		0.10	1	8/21/2025 1:51
Chloride	7.70	mg/L		0.50	1	8/21/2025 1:51
Bromide	0.14	mg/L		0.10	1	8/21/2025 1:51
Sulfate	2.55	mg/L		0.50	1	8/21/2025 1:51

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst:

Aliquot #: 2025-1584-1-04

Batch Number: AB-250821-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.07	mg/L		0.05	1	8/20/2025 10:11

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1584-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	8/20/2025 10:11

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-SPR01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:40

Sample Barcode: 

Sample Number: 2025-1584

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1584-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.74	None			1	8/18/2025 15:40

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1584-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	410	uS/cm		1.00	1	8/20/2025 10:06

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1584-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	248	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1584-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	22.0	°C			1	8/18/2025 15:40

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1584-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	204	mg/L		2.00	1	8/20/2025 7:25

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-SPR01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:40

Sample Barcode: 

Sample Number: 2025-1584

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1584-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	150	NTU		0.05	1	8/20/2025 10:06

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1584-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	1.26	mg/L		0.10	1	8/21/2025 9:30
Total Nitrogen from Lachat	1.33	mg/L		0.10	1	8/21/2025 9:30

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1584-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.12	mg/L		0.02	1	8/21/2025 9:30

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1584-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	4.72	mg/L		1.00	1	8/20/2025 21:21

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-SPR01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:40

Sample Barcode: 

Sample Number: 2025-1584

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1584-3-01

Batch Number: AB-250825-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/26/2025 9:07
Arsenic	<1.00	ug/L		1.00	1	8/26/2025 9:07
Barium	74.8	ug/L		1.00	1	8/26/2025 9:07
Beryllium	<1.00	ug/L		1.00	1	8/26/2025 9:07
Cadmium	0.526	ug/L		0.30	1	8/26/2025 9:07
Chromium	<1.00	ug/L		1.00	1	8/26/2025 9:07
Cobalt	2.65	ug/L		0.10	1	8/26/2025 9:07
Copper	<0.500	ug/L		0.50	1	8/26/2025 9:07
Lead	<0.500	ug/L		0.50	1	8/26/2025 9:07
Nickel	8.26	ug/L		0.50	1	8/26/2025 9:07
Selenium	<5.00	ug/L		5.00	1	8/26/2025 9:07
Silver	<0.100	ug/L		0.10	1	8/26/2025 9:07
Thallium	<0.500	ug/L		0.50	1	8/26/2025 9:07
Vanadium	0.282	ug/L		0.20	1	8/26/2025 9:07
Zinc	10.8	ug/L		5.00	1	8/26/2025 9:07

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1584-3-02

Batch Number: AB-250825-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 12:08
Calcium	15.4	mg/L		1.00	1	8/25/2025 12:08
Iron	<0.100	mg/L		0.10	1	8/25/2025 12:08
Magnesium	3.21	mg/L		1.00	1	8/25/2025 12:08
Manganese	3.85	mg/L		0.10	5	8/25/2025 13:49
Potassium	3.14	mg/L		1.00	1	8/25/2025 12:08
Sodium	69.2	mg/L		5.00	5	8/25/2025 13:49
Hardness	51.6	mg/L		1.00	1	8/25/2025 13:49
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 12:08

Analytical Results



Collector: Geological, Arkansas

Site: GSIM-SPR01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/18/2025 15:40

Sample Barcode: 

Sample Number: 2025-1584

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1584-4-01

Batch Number: AB-250827-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/27/2025 13:11
Arsenic	1.23	ug/L		1.00	1	8/27/2025 13:11
Barium	89.7	ug/L		1.00	1	8/27/2025 13:11
Beryllium	<1.00	ug/L		1.00	1	8/27/2025 13:11
Cadmium	1.07	ug/L		0.30	1	8/27/2025 13:11
Chromium	1.80	ug/L		1.00	1	8/27/2025 13:11
Cobalt	4.42	ug/L		0.10	1	8/27/2025 13:11
Copper	1.77	ug/L		0.50	1	8/27/2025 13:11
Lead	2.97	ug/L		0.50	1	8/27/2025 13:11
Nickel	13.1	ug/L		0.50	1	8/27/2025 13:11
Selenium	<5.00	ug/L		5.00	1	8/27/2025 13:11
Silver	<0.100	ug/L		0.10	1	8/27/2025 13:11
Thallium	<0.500	ug/L		0.50	1	8/27/2025 13:11
Vanadium	2.24	ug/L		0.20	1	8/27/2025 13:11
Zinc	22.5	ug/L		5.00	1	8/27/2025 13:11

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1584-4-02

Batch Number: AB-250826-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	1.87	mg/L		0.10	1	8/26/2025 10:35
Calcium	16.2	mg/L		1.00	1	8/26/2025 10:35
Iron	1.10	mg/L		0.10	1	8/26/2025 10:35
Magnesium	3.41	mg/L		1.00	1	8/26/2025 10:35
Manganese	3.90	mg/L		0.10	5	8/26/2025 11:10
Potassium	3.48	mg/L		1.00	1	8/26/2025 10:35
Sodium	70.0	mg/L		5.00	5	8/26/2025 11:10
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 10:35

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 10:35

Sample Barcode: 

Sample Number: 2025-1585

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1585-1-01

Batch Number: AB-250821-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	127	mg/L		6.00	1	8/20/2025 16:15

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1585-1-02

Batch Number: AB-250820-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/20/2025 10:12

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1585-1-03

Batch Number: AB-250820-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/21/2025 2:00
Chloride	9.48	mg/L		0.50	1	8/21/2025 2:00
Bromide	0.11	mg/L		0.10	1	8/21/2025 2:00
Sulfate	4.37	mg/L		0.50	1	8/21/2025 2:00

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1585-1-04

Batch Number: AB-250821-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.15	mg/L		0.25	5	8/20/2025 10:12

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1585-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.048	mg/L		0.02	1	8/20/2025 10:12

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 10:35

Sample Barcode: 

Sample Number: 2025-1585

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1585-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.71	None			1	8/19/2025 10:35

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1585-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	328	uS/cm		1.00	1	8/20/2025 10:09

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1585-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	203	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1585-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	19.6	°C			1	8/19/2025 10:35

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1585-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/20/2025 7:25

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 10:35

Sample Barcode: 

Sample Number: 2025-1585

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1585-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.73	NTU		0.05	1	8/20/2025 10:09

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1585-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.24	mg/L	R	0.10	1	8/21/2025 9:36
Total Nitrogen from Lachat	5.65	mg/L		0.50	5	8/21/2025 9:36

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1585-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.07	mg/L		0.02	1	8/21/2025 9:39

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1585-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/20/2025 21:35

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 10:35

Sample Barcode: 

Sample Number: 2025-1585

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1585-3-01

Batch Number: AB-250825-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/26/2025 9:11
Arsenic	<1.00	ug/L		1.00	1	8/26/2025 9:11
Barium	58.1	ug/L		1.00	1	8/26/2025 9:11
Beryllium	<1.00	ug/L		1.00	1	8/26/2025 9:11
Cadmium	<0.300	ug/L		0.30	1	8/26/2025 9:11
Chromium	<1.00	ug/L		1.00	1	8/26/2025 9:11
Cobalt	<0.100	ug/L		0.10	1	8/26/2025 9:11
Copper	<0.500	ug/L		0.50	1	8/26/2025 9:11
Lead	<0.500	ug/L		0.50	1	8/26/2025 9:11
Nickel	<0.500	ug/L		0.50	1	8/26/2025 9:11
Selenium	<5.00	ug/L		5.00	1	8/26/2025 9:11
Silver	<0.100	ug/L		0.10	1	8/26/2025 9:11
Thallium	<0.500	ug/L		0.50	1	8/26/2025 9:11
Vanadium	0.459	ug/L		0.20	1	8/26/2025 9:11
Zinc	<5.00	ug/L		5.00	1	8/26/2025 9:11

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1585-3-02

Batch Number: AB-250825-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 12:09
Calcium	53.6	mg/L		5.00	5	8/25/2025 13:50
Iron	<0.100	mg/L		0.10	1	8/25/2025 12:09
Magnesium	1.79	mg/L		1.00	1	8/25/2025 12:09
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 12:09
Potassium	2.12	mg/L		1.00	1	8/25/2025 12:09
Sodium	10.5	mg/L		1.00	1	8/25/2025 12:09
Hardness	141	mg/L		1.00	1	8/25/2025 13:50
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 12:09

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 10:35

Sample Barcode: 

Sample Number: 2025-1585

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1585-4-01

Batch Number: AB-250827-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/28/2025 9:16
Arsenic	<1.00	ug/L		1.00	1	8/28/2025 9:16
Barium	59.5	ug/L		1.00	1	8/28/2025 9:16
Beryllium	<1.00	ug/L		1.00	1	8/28/2025 9:16
Cadmium	<0.300	ug/L		0.30	1	8/28/2025 9:16
Chromium	<1.00	ug/L		1.00	1	8/28/2025 9:16
Cobalt	<0.100	ug/L		0.10	1	8/28/2025 9:16
Copper	<0.500	ug/L		0.50	1	8/28/2025 9:16
Lead	<0.500	ug/L		0.50	1	8/28/2025 9:16
Nickel	<0.500	ug/L		0.50	1	8/28/2025 9:16
Selenium	<5.00	ug/L		5.00	1	8/28/2025 9:16
Silver	<0.100	ug/L		0.10	1	8/28/2025 9:16
Thallium	<0.500	ug/L		0.50	1	8/28/2025 9:16
Vanadium	0.470	ug/L		0.20	1	8/28/2025 9:16
Zinc	<5.00	ug/L		5.00	1	8/28/2025 9:16

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1585-4-02

Batch Number: AB-250826-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 11:50
Calcium	53.7	mg/L		5.00	5	8/26/2025 13:17
Iron	<0.100	mg/L		0.10	1	8/26/2025 11:50
Magnesium	1.85	mg/L		1.00	1	8/26/2025 11:50
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 11:50
Potassium	2.15	mg/L		1.00	1	8/26/2025 11:50
Sodium	10.8	mg/L		1.00	1	8/26/2025 11:50
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 11:50

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872B-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1586

Alkalinity as CaCO₃

Method: EPA 310.2 (Rev. 1974)

Analyst:

Aliquot #: 2025-1586-1-01

Batch Number: AB-250821-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	128	mg/L		6.00	1	8/20/2025 16:19

Ammonia as N

Method: SM 4500-NH₃ H, 2021

Analyst:

Aliquot #: 2025-1586-1-02

Batch Number: AB-250820-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	8/20/2025 10:14

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-1586-1-03

Batch Number: AB-250820-013

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	8/21/2025 2:36
Chloride	9.70	mg/L		0.50	1	8/21/2025 2:36
Bromide	0.11	mg/L		0.10	1	8/21/2025 2:36
Sulfate	4.24	mg/L		0.50	1	8/21/2025 2:36

Nitrate +Nitrite as N

Method: SM 4500-NO₃ F, 2019

Analyst:

Aliquot #: 2025-1586-1-04

Batch Number: AB-250821-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.55	mg/L		0.25	5	8/20/2025 10:14

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst:

Aliquot #: 2025-1586-1-05

Batch Number: AB-250820-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.042	mg/L		0.02	1	8/20/2025 10:14

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872B-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1586

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-1586-1-06

Batch Number: AB-250821-068

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	8.03	None			1	8/19/2025 11:08

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-1586-1-07

Batch Number: AB-250820-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	330	uS/cm		1.00	1	8/20/2025 10:12

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-1586-1-08

Batch Number: AB-250822-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	208	mg/L		10.00	1	8/21/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-1586-1-09

Batch Number: AB-250821-069

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	20.2	°C			1	8/19/2025 11:08

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-1586-1-10

Batch Number: AB-250822-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	8/20/2025 7:25

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872B-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1586

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-1586-1-11

Batch Number: AB-250820-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.02	NTU		0.05	1	8/20/2025 10:12

Total Kjeldahl Nitrogen as N

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

Analyst: CAC

Aliquot #: 2025-1586-1-12

Batch Number: AB-250821-016

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.53	mg/L		0.10	1	8/21/2025 9:38
Total Nitrogen from Lachat	6.10	mg/L		0.50	5	8/21/2025 9:38

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: CAC

Aliquot #: 2025-1586-1-13

Batch Number: AB-250821-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.05	mg/L		0.02	1	8/21/2025 9:42

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-1586-2-01

Batch Number: AB-250820-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	8/20/2025 22:04

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872B-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1586

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1586-3-01

Batch Number: AB-250825-007

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	8/26/2025 9:27
Arsenic	<1.00	ug/L		1.00	1	8/26/2025 9:27
Barium	57.8	ug/L		1.00	1	8/26/2025 9:27
Beryllium	<1.00	ug/L		1.00	1	8/26/2025 9:27
Cadmium	<0.300	ug/L		0.30	1	8/26/2025 9:27
Chromium	<1.00	ug/L		1.00	1	8/26/2025 9:27
Cobalt	<0.100	ug/L		0.10	1	8/26/2025 9:27
Copper	<0.500	ug/L		0.50	1	8/26/2025 9:27
Lead	<0.500	ug/L		0.50	1	8/26/2025 9:27
Nickel	<0.500	ug/L		0.50	1	8/26/2025 9:27
Selenium	<5.00	ug/L		5.00	1	8/26/2025 9:27
Silver	<0.100	ug/L		0.10	1	8/26/2025 9:27
Thallium	<0.500	ug/L		0.50	1	8/26/2025 9:27
Vanadium	0.512	ug/L		0.20	1	8/26/2025 9:27
Zinc	<5.00	ug/L		5.00	1	8/26/2025 9:27

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1586-3-02

Batch Number: AB-250825-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 12:16
Calcium	54.6	mg/L		5.00	5	8/25/2025 13:53
Iron	<0.100	mg/L		0.10	1	8/25/2025 12:16
Magnesium	1.81	mg/L		1.00	1	8/25/2025 12:16
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 12:16
Potassium	2.12	mg/L		1.00	1	8/25/2025 12:16
Sodium	10.1	mg/L		1.00	1	8/25/2025 12:16
Hardness	144	mg/L		1.00	1	8/25/2025 13:53
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 12:16

Analytical Results



Collector: Geological, Arkansas

Site: HMCK872B-01

Work Order Number: WO-250819-05

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1586

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1586-4-01

Batch Number: AB-250827-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Antimony	<2.00	ug/L		2.00	1	8/28/2025 9:24
Arsenic	<1.00	ug/L		1.00	1	8/28/2025 9:24
Barium	60.0	ug/L		1.00	1	8/28/2025 9:24
Beryllium	<1.00	ug/L		1.00	1	8/28/2025 9:24
Cadmium	<0.300	ug/L		0.30	1	8/28/2025 9:24
Chromium	<1.00	ug/L		1.00	1	8/28/2025 9:24
Cobalt	<0.100	ug/L		0.10	1	8/28/2025 9:24
Copper	<0.500	ug/L		0.50	1	8/28/2025 9:24
Lead	<0.500	ug/L		0.50	1	8/28/2025 9:24
Nickel	<0.500	ug/L		0.50	1	8/28/2025 9:24
Selenium	<5.00	ug/L		5.00	1	8/28/2025 9:24
Silver	<0.100	ug/L		0.10	1	8/28/2025 9:24
Thallium	<0.500	ug/L		0.50	1	8/28/2025 9:24
Vanadium	0.514	ug/L		0.20	1	8/28/2025 9:24
Zinc	<5.00	ug/L		5.00	1	8/28/2025 9:24

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1586-4-02

Batch Number: AB-250826-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/26/2025 11:53
Calcium	55.4	mg/L		5.00	5	8/26/2025 13:21
Iron	<0.100	mg/L		0.10	1	8/26/2025 11:53
Magnesium	1.88	mg/L		1.00	1	8/26/2025 11:53
Manganese	<0.0200	mg/L		0.02	1	8/26/2025 11:53
Potassium	2.22	mg/L		1.00	1	8/26/2025 11:53
Sodium	10.6	mg/L		1.00	1	8/26/2025 11:53
Phosphorus	<1.00	mg/L		1.00	1	8/26/2025 11:53

Analytical Results



Collector: Geological, Arkansas

Site: Metals Field Blank

Work Order Number: WO-250819-05

Sample Classification: Special

Project: EVT

Matrix: Water

Collected: 8/19/2025 11:08

Sample Barcode: 

Sample Number: 2025-1588

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-1588-1-01

Batch Number: AB-250825-007

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Antimony	<2.00	ug/L		2.00	1	8/26/2025 9:31
Arsenic	<1.00	ug/L		1.00	1	8/26/2025 9:31
Barium	56.7	ug/L		1.00	1	8/26/2025 9:31
Beryllium	<1.00	ug/L		1.00	1	8/26/2025 9:31
Cadmium	<0.300	ug/L		0.30	1	8/26/2025 9:31
Chromium	<1.00	ug/L		1.00	1	8/26/2025 9:31
Cobalt	<0.100	ug/L		0.10	1	8/26/2025 9:31
Copper	<0.500	ug/L		0.50	1	8/26/2025 9:31
Lead	<0.500	ug/L		0.50	1	8/26/2025 9:31
Nickel	<0.500	ug/L		0.50	1	8/26/2025 9:31
Selenium	<5.00	ug/L		5.00	1	8/26/2025 9:31
Silver	<0.100	ug/L		0.10	1	8/26/2025 9:31
Thallium	<0.500	ug/L		0.50	1	8/26/2025 9:31
Vanadium	0.465	ug/L		0.20	1	8/26/2025 9:31
Zinc	<5.00	ug/L		5.00	1	8/26/2025 9:31

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-1588-1-02

Batch Number: AB-250825-005

Analyte(s)	Result	Units	Q	Reporting	Dilution	Analysis
				Limit		Date and Time
Aluminum	<0.100	mg/L		0.10	1	8/25/2025 12:17
Calcium	53.0	mg/L		5.00	5	8/25/2025 13:58
Iron	<0.100	mg/L		0.10	1	8/25/2025 12:17
Magnesium	1.76	mg/L		1.00	1	8/25/2025 12:17
Manganese	<0.0200	mg/L		0.02	1	8/25/2025 12:17
Potassium	2.11	mg/L		1.00	1	8/25/2025 12:17
Sodium	9.96	mg/L		1.00	1	8/25/2025 12:17
Hardness	140	mg/L		1.00	1	8/25/2025 13:58
Phosphorus	<1.00	mg/L		1.00	1	8/25/2025 12:17

QUALITY CONTROL REPORT

Project: **EVT Routine+Metals 2025 1581-1588**

Date and Time Received: 8/19/2025 16:03:00

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Turbidity	EPA 180.1						Batch #:	AB-250820-002		Parent Sample:				
	NTU	<0.05	0.05	103.4 /	90-110			-		/	-		-	
Specific Conductance	EPA 120.1, 1982						Batch #:	AB-250820-005		Parent Sample:				
	uS/cm	<1.00	1.00	100.0 /	95-105			-		/	-		-	
Ammonia as N	SM 4500-NH3 H, 2021						Batch #:	AB-250820-007		Parent Sample:	2025-1583			
	mg/L	<0.03	0.03	105.7 /	80-120			-		98.0 / 99.5	80-120	1.5	-	
	SM 5310 C, 2014						Batch #:	AB-250820-009		Parent Sample:	2025-1583			
	mg/L	<1.00	1,000.00	95.0 /	85-115			-		98.7 / 95.1	80-120	3.2	-	
Anions	EPA 300.0 (Rev.2.1, 1993)						Batch #:	AB-250820-013		Parent Sample:	2025-1583			
Br	mg/L	<0.10	0.10	95.8 /	90-110			-		89.8 / 90.9	80-120	1.2	-	
Cl	mg/L	<0.50	0.50	101.6 /	90-110			-		101.3 / 102.4	80-120	0.8	-	
F	mg/L	<0.10	0.10	101.9 /	90-110			-		98.7 / 100.6	80-120	1.8	-	
SO4	mg/L	<0.50	0.50	101.5 /	90-110			-		100.8 / 102.3	80-120	1.1	-	
Orthophosphate as P	SM 4500-P G, 2021						Batch #:	AB-250820-021		Parent Sample:	2025-1583			
	mg/L	<0.02	0.02	103.5 /	80-120			-		95.7 / 98.7	80-120	2.8	-	
Nitrate +Nitrite as N	SM 4500-NO3 F, 2019						Batch #:	AB-250821-004		Parent Sample:	2025-1583			
	mg/L	<0.05	0.05	102.0 /	80-120			-		95.8 / 100.8	80-120	2.3	-	
Alkalinity as CaCO3	EPA 310.2 (Rev. 1974)						Batch #:	AB-250821-008		Parent Sample:				
	mg/L	<6.00	6.00	101.7 /	90-110			-		/	-		-	
	SM 4500-P G, 2021						Batch #:	AB-250821-012		Parent Sample:	2025-1583			
	mg/L	<0.02	0.02	99.5 /	80-120			-		100.4 / 99.9	80-120	0.4	-	
	SM 4500-N(org) C, 2021						Batch #:	AB-250821-016		Parent Sample:	2025-1583			
	mg/L	<0.10	0.10	90.5 /	80-120			-		93.4 / 96.4	80-120	2.6	-	
Total Suspended Solids	SM 2540 D, 2020						Batch #:	AB-250822-004		Parent Sample:				
	mg/L	<2.00	2.00	98.8 /	90-110			-		/	-		-	
Total Dissolved Solids	SM 2540 C, 2020						Batch #:	AB-250822-009		Parent Sample:				
	mg/L	<10.0	10.00	106.5 /	90-110			-		/	-		-	
ICP/MS Metals (Dissolved)	EPA 200.8 (Rev. 5.4, 1994)						Batch #:	AB-250825-002		Parent Sample:	2025-1572			
Ag	ug/L	<0.100	0.10	90.7 /	85-115			-		83.9 / 84.5	70-130	0.7	-	

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	99.9 /	85-115		-			97.1 / 96.9	70-130	0.2	-	
Ba	ug/L	<1.00	1.00	94.8 /	85-115		-			90.1 / 89.2	70-130	0.3	-	
Be	ug/L	<1.00	1.00	99.4 /	85-115		-			99.2 / 98.8	70-130	0.4	-	
Cd	ug/L	<0.300	0.30	98.0 /	85-115		-			94.6 / 95.2	70-130	0.6	-	
Co	ug/L	<0.100	0.10	95.7 /	85-115		-			89.5 / 89.7	70-130	0.2	-	
Cr	ug/L	<1.00	1.00	99.0 /	85-115		-			94.4 / 94.8	70-130	0.4	-	
Cu	ug/L	<0.500	0.50	93.0 /	85-115		-			83.6 / 84.3	70-130	0.8	-	
Ni	ug/L	<0.500	0.50	94.7 /	85-115		-			86.7 / 86.6	70-130	0.1	-	
Pb	ug/L	<0.500	0.50	103.6 /	85-115		-			101.1 / 100.3	70-130	0.8	-	
Sb	ug/L	<2.00	2.00	103.0 /	85-115		-			100.1 / 101.2	70-130	1.1	-	
Se	ug/L	<5.00	5.00	101.5 /	85-115		-			99.3 / 97.7	70-130	1.6	-	
Tl	ug/L	<0.500	0.50	102.1 /	85-115		-			100.7 / 100.3	70-130	0.4	-	
V	ug/L	<0.200	0.20	99.1 /	85-115		-			94.3 / 95.2	70-130	0.7	-	
Zn	ug/L	<5.00	5.00	101.2 /	85-115		-			95.6 / 96.6	70-130	1.1	-	

ICP/OES Metals (Dissolved) EPA 200.7

Batch #: AB-250825-004

Parent Sample: 2025-1572

Al	mg/L	<0.100	0.10	95.7 /	85-115		-			93.2 / 92.9	70-131	0.3	-	
Ca	mg/L	<1.00	1.00	98.5 /	85-115		-			91.1 / 90.7	70-131	0.1	-	
Fe	mg/L	<0.100	0.10	96.6 /	85-115		-			90.7 / 90.3	70-131	0.4	-	
K	mg/L	<1.00	1.00	95.2 /	85-115		-			93.1 / 94.2	70-131	0.9	-	
Mg	mg/L	<1.00	1.00	97.3 /	85-115		-			90.8 / 89.8	70-131	0.4	-	
Mn	mg/L	<0.0200	0.02	95.7 /	85-115		-			88.8 / 88.2	70-131	0.4	-	
Na	mg/L	<1.00	1.00	94.8 /	85-115		-			95.5 / 94.8	70-131	0.2	-	
P	mg/L	<1.00	1.00	98.5 /	85-115		-			95.1 / 94.9	70-131	0.2	-	

ICP/OES Metals (Dissolved) EPA 200.7

Batch #: AB-250825-005

Parent Sample: 2025-1585

Al	mg/L	<0.100	0.10	99.5 /	85-115		-			97.6 / 96.5	70-131	1.1	-	
Ca	mg/L	<1.00	1.00	101.9 /	85-115		-			91.3 / 87.0	70-131	0.7	-	
Fe	mg/L	<0.100	0.10	101.7 /	85-115		-			97.3 / 96.1	70-131	1.2	-	
K	mg/L	<1.00	1.00	97.4 /	85-115		-			97.9 / 95.6	70-131	1.9	-	
Mg	mg/L	<1.00	1.00	101.9 /	85-115		-			97.6 / 96.4	70-131	1.0	-	
Mn	mg/L	<0.0200	0.02	101.3 /	85-115		-			95.9 / 94.8	70-131	1.1	-	
Na	mg/L	<1.00	1.00	100.6 /	85-115		-			98.8 / 96.9	70-131	0.9	-	
P	mg/L	<1.00	1.00	100.4 /	85-115		-			99.1 / 98.1	70-131	1.0	-	

ICP/MS Metals (Dissolved) EPA 200.8 (Rev. 5.4, 1994)

Batch #: AB-250825-007

Parent Sample: 2025-1585

Ag	ug/L	<0.100	0.10	87.8 /	85-115		-			84.4 / 83.2	70-130	1.4	-	
As	ug/L	<1.00	1.00	99.5 /	85-115		-			100.0 / 98.4	70-130	1.7	-	
Ba	ug/L	<1.00	1.00	94.0 /	85-115		-			90.0 / 89.2	70-130	0.3	-	
Be	ug/L	<1.00	1.00	104.0 /	85-115		-			105.5 / 101.5	70-130	3.9	-	
Cd	ug/L	<0.300	0.30	95.8 /	85-115		-			96.4 / 96.2	70-130	0.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Co	ug/L	<0.100	0.10	96.4 /	85-115			-		90.7 / 88.1	70-130	2.8	-	
Cr	ug/L	<1.00	1.00	100.1 /	85-115			-		94.7 / 94.8	70-130	0.1	-	
Cu	ug/L	<0.500	0.50	92.7 /	85-115			-		85.8 / 84.6	70-130	1.4	-	
Ni	ug/L	<0.500	0.50	94.3 /	85-115			-		88.1 / 86.5	70-130	1.8	-	
Pb	ug/L	<0.500	0.50	101.1 /	85-115			-		100.7 / 98.3	70-130	2.5	-	
Sb	ug/L	<2.00	2.00	100.7 /	85-115			-		102.8 / 101.2	70-130	1.6	-	
Se	ug/L	<5.00	5.00	99.2 /	85-115			-		101.8 / 100.4	70-130	1.3	-	
Tl	ug/L	<0.500	0.50	101.5 /	85-115			-		100.4 / 98.0	70-130	2.3	-	
V	ug/L	<0.200	0.20	99.0 /	85-115			-		96.2 / 93.8	70-130	2.5	-	
Zn	ug/L	<5.00	5.00	101.0 /	85-115			-		97.6 / 96.4	70-130	1.2	-	

EPA 200.7

Batch #:

AB-250826-002

Parent Sample:

2025-1563

Al	mg/L	<0.100	0.10	102.1 /	85-115			-		102.9 / 104.2	70-130	1.2	-	
Ca	mg/L	<1.00	1.00	103.7 /	85-115			-		88.1 / 103.3	70-130	2.9	-	
Fe	mg/L	<0.100	0.10	102.5 /	85-115			-		100.7 / 102.2	70-130	1.4	-	
K	mg/L	<1.00	1.00	101.0 /	85-115			-		101.5 / 103.9	70-130	2.3	-	
Mg	mg/L	<1.00	1.00	103.4 /	85-115			-		101.7 / 103.1	70-130	1.3	-	
Mn	mg/L	<0.0200	0.02	101.8 /	85-115			-		99.4 / 100.7	70-130	1.3	-	
Na	mg/L	<1.00	1.00	103.7 /	85-115			-		102.7 / 105.3	70-130	1.8	-	
P	mg/L	<1.00	1.00	107.2 /	85-115			-		108.5 / 109.9	70-130	1.3	-	

EPA 200.7

Batch #:

AB-250826-003

Parent Sample:

2025-1583

Al	mg/L	<0.100	0.10	99.5 /	85-115			-		103.4 / 101.6	70-130	1.7	-	
Ca	mg/L	<1.00	1.00	100.6 /	85-115			-		110.5 / 100.1	70-130	1.9	-	
Fe	mg/L	<0.100	0.10	102.1 /	85-115			-		102.0 / 100.5	70-130	1.3	-	
K	mg/L	<1.00	1.00	97.2 /	85-115			-		102.6 / 100.6	70-130	1.8	-	
Mg	mg/L	<1.00	1.00	101.9 /	85-115			-		103.6 / 102.2	70-130	1.2	-	
Mn	mg/L	<0.0200	0.02	98.7 /	85-115			-		99.3 / 97.7	70-130	1.3	-	
Na	mg/L	<1.00	1.00	100.4 /	85-115			-		105.3 / 102.5	70-130	2.0	-	
P	mg/L	<1.00	1.00	100.3 /	85-115			-		103.9 / 102.6	70-130	1.2	-	

EPA 200.8 (Rev. 5.4, 1994)

Batch #:

AB-250827-002

Parent Sample:

2025-1563

Ag	ug/L	<0.100	0.10	90.6 /	85-115			-		87.9 / 90.5	70-130	2.8	-	
As	ug/L	<1.00	1.00	100.9 /	85-115			-		103.9 / 104.1	70-130	0.2	-	
Ba	ug/L	<1.00	1.00	96.3 /	85-115			-		94.2 / 97.0	70-130	1.9	-	
Be	ug/L	<1.00	1.00	105.9 /	85-115			-		108.7 / 108.7	70-130	0.0	-	
Cd	ug/L	<0.300	0.30	100.1 /	85-115			-		101.2 / 102.4	70-130	1.1	-	
Co	ug/L	<0.100	0.10	97.6 /	85-115			-		94.7 / 96.0	70-130	1.4	-	
Cr	ug/L	<1.00	1.00	103.0 /	85-115			-		99.4 / 102.9	70-130	3.1	-	
Cu	ug/L	<0.500	0.50	94.4 /	85-115			-		90.2 / 91.6	70-130	1.5	-	
Ni	ug/L	<0.500	0.50	96.6 /	85-115			-		93.3 / 93.7	70-130	0.4	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Pb	ug/L	<0.500	0.50	104.7 /	85-115		-			104.5 / 104.9	70-130	0.4	-	
Sb	ug/L	<2.00	2.00	104.8 /	85-115		-			105.0 / 106.9	70-130	1.8	-	
Se	ug/L	<5.00	5.00	101.5 /	85-115		-			108.1 / 109.0	70-130	0.8	-	
Tl	ug/L	<0.500	0.50	103.3 /	85-115		-			104.3 / 105.6	70-130	1.2	-	
V	ug/L	<0.200	0.20	100.1 /	85-115		-			100.0 / 100.4	70-130	0.4	-	
Zn	ug/L	<5.00	5.00	102.3 /	85-115		-			101.5 / 102.8	70-130	1.0	-	
EPA 200.8 (Rev. 5.4, 1994)						Batch #:	AB-250827-003			Parent Sample:	2025-1583			
Ag	ug/L	<0.100	0.10	90.5 /	85-115		-			90.4 / 88.6	70-130	2.0	-	
As	ug/L	<1.00	1.00	100.4 /	85-115		-			104.7 / 102.8	70-130	1.8	-	
Ba	ug/L	<1.00	1.00	95.9 /	85-115		-			100.0 / 96.9	70-130	1.8	-	
Be	ug/L	<1.00	1.00	103.0 /	85-115		-			107.6 / 104.0	70-130	3.4	-	
Cd	ug/L	<0.300	0.30	98.4 /	85-115		-			101.9 / 100.8	70-130	1.0	-	
Co	ug/L	<0.100	0.10	95.1 /	85-115		-			94.3 / 93.1	70-130	1.2	-	
Cr	ug/L	<1.00	1.00	98.8 /	85-115		-			100.2 / 98.9	70-130	1.2	-	
Cu	ug/L	<0.500	0.50	92.6 /	85-115		-			89.5 / 89.3	70-130	0.3	-	
Ni	ug/L	<0.500	0.50	94.5 /	85-115		-			91.8 / 91.4	70-130	0.3	-	
Pb	ug/L	<0.500	0.50	104.9 /	85-115		-			105.9 / 105.9	70-130	0.0	-	
Sb	ug/L	<2.00	2.00	105.0 /	85-115		-			104.8 / 104.0	70-130	0.7	-	
Se	ug/L	<5.00	5.00	102.1 /	85-115		-			109.2 / 108.2	70-130	0.9	-	
Tl	ug/L	<0.500	0.50	102.0 /	85-115		-			104.7 / 103.6	70-130	1.0	-	
V	ug/L	<0.200	0.20	98.7 /	85-115		-			100.0 / 99.5	70-130	0.4	-	
Zn	ug/L	<5.00	5.00	105.2 /	85-115		-			101.8 / 101.7	70-130	0.1	-	

FIELD QUALITY CONTROL REPORT

Work Order # WO-250819-05

Parent Sample 2025-1583

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-250820-002 Dup - Field 1		Parent Aliquot #	2025-1583-1-11		
Turbidity		3.94	NTU	2.26	0 - 20	AB-250820-002
Aliquot #	AB-250820-002 Dup - Field 2		Parent Aliquot #	2025-1585-1-11		
Turbidity		1.69	NTU	2.34	0 - 20	AB-250820-002
Aliquot #	AB-250820-005 Dup - Field 1		Parent Aliquot #	2025-1583-1-07		
Specific Conductance		253	uS/cm	0.40	0 - 20	AB-250820-005
Aliquot #	AB-250820-005 Dup - Field 2		Parent Aliquot #	2025-1585-1-07		
Specific Conductance		329	uS/cm	0.30	0 - 20	AB-250820-005
Aliquot #	AB-250820-007 Dup - Field 1		Parent Aliquot #	2025-1583-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250820-007
Aliquot #	AB-250820-007 Dup - Field 2		Parent Aliquot #	2025-1585-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-250820-007
Aliquot #	AB-250820-009 Dup - Field 1		Parent Aliquot #	2025-1583-2-01		
Dissolved Organic Carbon		<1.00	mg/L	4.92	0 - 20	AB-250820-009
Aliquot #	AB-250820-009 Dup - Field 2		Parent Aliquot #	2025-1585-2-01		
Dissolved Organic Carbon		<1.00	mg/L	19.82	0 - 20	AB-250820-009
Aliquot #	AB-250820-013 Dup - Field 1		Parent Aliquot #	2025-1583-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250820-013
Chloride		4.20	mg/L	0.95	0 - 20	AB-250820-013
Bromide		<0.10	mg/L	0.00	0 - 20	AB-250820-013
Sulfate		4.29	mg/L	0.40	0 - 20	AB-250820-013
Aliquot #	AB-250820-013 Dup - Field 2		Parent Aliquot #	2025-1585-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-250820-013
Chloride		9.49	mg/L	0.11	0 - 20	AB-250820-013
Bromide		0.11	mg/L	2.68	0 - 20	AB-250820-013
Sulfate		4.38	mg/L	0.25	0 - 20	AB-250820-013
Aliquot #	AB-250820-021 Dup - Field 1		Parent Aliquot #	2025-1583-1-05		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-250820-021
Aliquot #	AB-250820-021 Dup - Field 2		Parent Aliquot #	2025-1585-1-05		
Orthophosphate as Phosphorus		0.05	mg/L	1.24	0 - 20	AB-250820-021
Aliquot #	AB-250821-004 Dup - Field 1		Parent Aliquot #	2025-1583-1-04		
Nitrite+Nitrate as Nitrogen		0.66	mg/L	5.47	0 - 20	AB-250821-004

Aliquot #	AB-250821-004 Dup - Field 2	Parent Aliquot #	2025-1585-1-04
Nitrite+Nitrate as Nitrogen	6.15	mg/L	0.00
			0 - 20
			AB-250821-004
Aliquot #	AB-250821-008 Dup - Field 1	Parent Aliquot #	2025-1583-1-01
Alkalinity	113	mg/L	0.88
			0 - 20
			AB-250821-008
Aliquot #	AB-250821-008 Dup - Field 2	Parent Aliquot #	2025-1585-1-01
Alkalinity	126	mg/L	0.79
			0 - 20
			AB-250821-008
Aliquot #	AB-250821-012 Dup - Field 1	Parent Aliquot #	2025-1583-1-13
Total Phosphorus	0.04	mg/L	7.74
			0 - 20
			AB-250821-012
Aliquot #	AB-250821-012 Dup - Field 2	Parent Aliquot #	2025-1585-1-13
Total Phosphorus	0.07	mg/L	3.89
			0 - 20
			AB-250821-012
Aliquot #	AB-250821-016 Dup - Field 1	Parent Aliquot #	2025-1583-1-12
Total Kjeldahl Nitrogen	0.16	mg/L	16.43
			0 - 20
			AB-250821-016
Aliquot #	AB-250821-016 Dup - Field 2	Parent Aliquot #	2025-1585-1-12
Total Kjeldahl Nitrogen	0.40	mg/L	50.00
			0 - 20
			AB-250821-016
Aliquot #	AB-250821-068 Dup - Field 1	Parent Aliquot #	2025-1583-1-06
pH	6.92	units	0.00
			0 - 20
			AB-250821-068
Aliquot #	AB-250821-068 Dup - Field 2	Parent Aliquot #	2025-1585-1-06
pH	8.03	units	4.07
			0 - 20
			AB-250821-068
Aliquot #	AB-250821-069 Dup - Field 1	Parent Aliquot #	2025-1583-1-09
Water Temperature	18.2	°C	0.00
			0 - 20
			AB-250821-069
Aliquot #	AB-250821-069 Dup - Field 2	Parent Aliquot #	2025-1585-1-09
Water Temperature	19.6	°C	0.00
			0 - 20
			AB-250821-069
Aliquot #	AB-250822-004 Dup - Field 2	Parent Aliquot #	2025-1583-1-10
Total Suspended Solids	9.50	mg/L	0.00
			0 - 5
			AB-250822-004
Aliquot #	AB-250822-004 Dup - Field 3	Parent Aliquot #	2025-1585-1-10
Total Suspended Solids	<2.00	mg/L	0.00
			0 - 5
			AB-250822-004
Aliquot #	AB-250822-009 Dup - Field 2	Parent Aliquot #	2025-1583-1-08
Total Dissolved Solids	140	mg/L	2.48
			0 - 5
			AB-250822-009
Aliquot #	AB-250822-009 Dup - Field 3	Parent Aliquot #	2025-1585-1-08
Total Dissolved Solids	202	mg/L	0.74
			0 - 5
			AB-250822-009
Aliquot #	AB-250825-002 Dup - Field 2	Parent Aliquot #	2025-1583-3-01
Antimony	<2.00	ug/L	0.00
			0 - 20
			AB-250825-002
Arsenic	<1.00	ug/L	0.00
			0 - 20
			AB-250825-002
Barium	33.8	ug/L	3.08
			0 - 20
			AB-250825-002
Beryllium	<1.00	ug/L	0.00
			0 - 20
			AB-250825-002
Cadmium	<0.300	ug/L	0.00
			0 - 20
			AB-250825-002
Chromium	<1.00	ug/L	0.00
			0 - 20
			AB-250825-002
Cobalt	<0.100	ug/L	0.00
			0 - 20
			AB-250825-002

Copper	<0.500	ug/L	0.00	0 - 20	AB-250825-002
Lead	<0.500	ug/L	0.00	0 - 20	AB-250825-002
Nickel	0.625	ug/L	3.02	0 - 20	AB-250825-002
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250825-002
Silver	<0.100	ug/L	0.00	0 - 20	AB-250825-002
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250825-002
Vanadium	0.212	ug/L	12.16	0 - 20	AB-250825-002
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250825-002

Aliquot #	AB-250825-004 Dup - Field 2	Parent Aliquot #	2025-1583-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250825-004
Calcium	41.6	mg/L	5.61	0 - 20	AB-250825-004
Iron	<0.100	mg/L	0.00	0 - 20	AB-250825-004
Magnesium	<1.00	mg/L	5.53	0 - 20	AB-250825-004
Manganese	<0.0200	mg/L	4.93	0 - 20	AB-250825-004
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250825-004
Sodium	3.92	mg/L	5.07	0 - 20	AB-250825-004
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250825-004

Aliquot #	AB-250825-005 Dup - Field 1	Parent Aliquot #	2025-1585-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250825-005
Calcium	52.3	mg/L	2.62	0 - 20	AB-250825-005
Iron	<0.100	mg/L	0.00	0 - 20	AB-250825-005
Magnesium	1.73	mg/L	3.71	0 - 20	AB-250825-005
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250825-005
Potassium	1.97	mg/L	7.51	0 - 20	AB-250825-005
Sodium	10.2	mg/L	2.54	0 - 20	AB-250825-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250825-005

Aliquot #	AB-250825-007 Dup - Field 1	Parent Aliquot #	2025-1585-3-01		
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250825-007
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250825-007
Barium	57.1	ug/L	1.66	0 - 20	AB-250825-007
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250825-007
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250825-007
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250825-007
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250825-007
Copper	<0.500	ug/L	0.00	0 - 20	AB-250825-007
Lead	<0.500	ug/L	0.00	0 - 20	AB-250825-007
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250825-007
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250825-007
Silver	<0.100	ug/L	0.00	0 - 20	AB-250825-007
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250825-007
Vanadium	0.468	ug/L	2.09	0 - 20	AB-250825-007
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250825-007

Aliquot #	AB-250826-003 Dup - Field 1	Parent Aliquot #	2025-1583-4-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250826-003

Calcium	44.9	mg/L	0.57	0 - 20	AB-250826-003
Iron	<0.100	mg/L	0.00	0 - 20	AB-250826-003
Magnesium	1.09	mg/L	0.34	0 - 20	AB-250826-003
Manganese	0.0394	mg/L	5.43	0 - 20	AB-250826-003
Potassium	1.05	mg/L	0.78	0 - 20	AB-250826-003
Sodium	4.31	mg/L	0.73	0 - 20	AB-250826-003
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250826-003

Aliquot #	AB-250826-003 Dup - Field 2	Parent Aliquot #	2025-1585-4-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250826-003
Calcium	54.7	mg/L	1.78	0 - 20	AB-250826-003
Iron	<0.100	mg/L	0.00	0 - 20	AB-250826-003
Magnesium	1.86	mg/L	0.46	0 - 20	AB-250826-003
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250826-003
Potassium	2.25	mg/L	4.31	0 - 20	AB-250826-003
Sodium	10.8	mg/L	0.18	0 - 20	AB-250826-003
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250826-003

Aliquot #	AB-250827-003 Dup - Field 1	Parent Aliquot #	2025-1583-4-01		
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250827-003
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Barium	36.0	ug/L	1.00	0 - 20	AB-250827-003
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250827-003
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250827-003
Copper	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Lead	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Nickel	0.844	ug/L	1.55	0 - 20	AB-250827-003
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250827-003
Silver	<0.100	ug/L	0.00	0 - 20	AB-250827-003
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Vanadium	0.259	ug/L	22.50	0 - 20	AB-250827-003
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250827-003

Aliquot #	AB-250827-003 Dup - Field 2	Parent Aliquot #	2025-1585-4-01		
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250827-003
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Barium	59.8	ug/L	0.57	0 - 20	AB-250827-003
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250827-003
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250827-003
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250827-003
Copper	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Lead	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250827-003
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250827-003

Silver		<0.100	ug/L	0.00	0 - 20	AB-250827-003
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250827-003
Vanadium		0.474	ug/L	0.83	0 - 20	AB-250827-003
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250827-003