

Analytical Results



Lab Contact Info:

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Collector: Geological, Arkansas

Project: EVT

Project Description: EVT Routine+Metals 2080-2084

Date and Time Received: 11/4/2025 3:51:00PM

Work Order Number: WO-251104-02

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	2.6°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: USFS-870-SPRO1 **Work Order Number: WO-251104-02**

Sample Classification: Routine Monitoring Project: EVT
 Matrix: Water Collected: 11/3/2025 16:20
 Sample Barcode: Sample Number: 2025-2080

Alkalinity as CaCO3 Method: EPA 310.2 (Rev. 1974) Analyst: AB
 Aliquot #: 2025-2080-1-01 Batch Number: AB-251105-019

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	146	mg/L		6.00	1	11/5/2025 15:07

Ammonia as N Method: SM 4500-NH3 H, 2021 Analyst: AB
 Aliquot #: 2025-2080-1-02 Batch Number: AB-251105-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/5/2025 9:48

Anions Method: EPA 300.0 (Rev.2.1, 1993) Analyst: SD
 Aliquot #: 2025-2080-1-03 Batch Number: AB-251105-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/5/2025 19:37
Chloride	6.91	mg/L		0.50	1	11/5/2025 19:37
Bromide	0.13	mg/L		0.10	1	11/5/2025 19:37
Sulfate	5.55	mg/L		0.50	1	11/5/2025 19:37

Nitrate +Nitrite as N Method: SM 4500-NO3 F, 2019 Analyst: AB
 Aliquot #: 2025-2080-1-04 Batch Number: AB-251105-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.25	mg/L		0.25	5	11/5/2025 10:00

Analytical Results



Collector: Geological, Arkansas Site: USFS-870-SPRO1 Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 16:20

Sample Barcode: 

Sample Number: 2025-2080

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2080-1-05

Batch Number: AB-251105-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	11/5/2025 9:48

pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2025-2080-1-06

Batch Number: AB-251113-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.09	None			1	11/3/2025 16:20

Specific Conductance

Method: EPA 120.1, 1982

Analyst: PH

Aliquot #: 2025-2080-1-07

Batch Number: AB-251119-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	349	uS/cm		1.00	1	11/5/2025 10:09

Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2025-2080-1-08

Batch Number: AB-251112-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	214	mg/L		10.00	1	11/5/2025 15:00

Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2025-2080-1-09

Batch Number: AB-251113-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.8	°C			1	11/3/2025 16:20

Analytical Results



Collector: Geological, Arkansas

Site: USFS-870-SPRO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 16:20

Sample Barcode: 

Sample Number: 2025-2080

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst: SD

Aliquot #: 2025-2080-1-10

Batch Number: AB-251112-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	11/5/2025 7:48

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-2080-1-11

Batch Number: AB-251119-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.89	NTU		0.05	1	11/5/2025 10:09

Total Kjeldahl Nitrogen as N

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

Analyst: AB

Aliquot #: 2025-2080-1-12

Batch Number: AB-251106-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.65	mg/L		0.10	1	11/6/2025 9:55
Total Nitrogen from Lachat	5.90	mg/L		0.50	5	11/6/2025 9:55

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2080-1-13

Batch Number: AB-251106-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	11/6/2025 9:53

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-2080-2-01

Batch Number: AB-251105-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/5/2025 18:31

Analytical Results



Collector: Geological, Arkansas

Site: USFS-870-SPRO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 16:20

Sample Barcode: 

Sample Number: 2025-2080

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2080-3-01

Batch Number: AB-251118-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	11/18/2025	15:55
Arsenic	<1.00	ug/L		1.00	1	11/18/2025	15:55
Barium	19.9	ug/L		1.00	1	11/18/2025	15:55
Beryllium	<1.00	ug/L		1.00	1	11/18/2025	15:55
Cadmium	<0.300	ug/L		0.30	1	11/18/2025	15:55
Chromium	<1.00	ug/L		1.00	1	11/18/2025	15:55
Cobalt	<0.100	ug/L		0.10	1	11/18/2025	15:55
Copper	1.04	ug/L	R	0.50	1	11/18/2025	15:55
Lead	<0.500	ug/L		0.50	1	11/18/2025	15:55
Nickel	<0.500	ug/L		0.50	1	11/18/2025	15:55
Selenium	<5.00	ug/L		5.00	1	11/18/2025	15:55
Silver	<0.100	ug/L		0.10	1	11/18/2025	15:55
Thallium	<0.500	ug/L		0.50	1	11/18/2025	15:55
Vanadium	0.254	ug/L	R	0.20	1	11/18/2025	15:55
Zinc	<5.00	ug/L	R	5.00	1	11/18/2025	15:55

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2080-3-02

Batch Number: AB-251118-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	11/18/2025	10:45
Calcium	57.4	mg/L		5.00	5	11/18/2025	11:50
Iron	<0.100	mg/L		0.10	1	11/18/2025	10:45
Magnesium	<1.00	mg/L		1.00	1	11/18/2025	10:45
Manganese	<0.0200	mg/L		0.02	1	11/18/2025	10:45
Potassium	<1.00	mg/L		1.00	1	11/18/2025	10:45
Sodium	13.2	mg/L		1.00	1	11/18/2025	10:45
Hardness	147	mg/L		1.00	1	11/18/2025	11:50
Phosphorus	<1.00	mg/L		1.00	1	11/18/2025	10:45

Analytical Results



Collector: Geological, Arkansas

Site: USFS-870-SPRO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 16:20

Sample Barcode: 

Sample Number: 2025-2080

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2080-4-01

Batch Number: AB-251201-007

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	12/3/2025	12:15
Arsenic	<1.00	ug/L		1.00	1	12/3/2025	12:15
Barium	21.3	ug/L		1.00	1	12/3/2025	12:15
Beryllium	<1.00	ug/L		1.00	1	12/3/2025	12:15
Cadmium	<0.300	ug/L		0.30	1	12/3/2025	12:15
Chromium	<1.00	ug/L		1.00	1	12/3/2025	12:15
Cobalt	<0.100	ug/L		0.10	1	12/3/2025	12:15
Copper	<0.500	ug/L		0.50	1	12/3/2025	12:15
Lead	<0.500	ug/L		0.50	1	12/3/2025	12:15
Nickel	<0.500	ug/L		0.50	1	12/3/2025	12:15
Selenium	<5.00	ug/L		5.00	1	12/3/2025	12:15
Silver	<0.100	ug/L		0.10	1	12/3/2025	12:15
Thallium	<0.500	ug/L		0.50	1	12/3/2025	12:15
Vanadium	0.245	ug/L		0.20	1	12/3/2025	12:15
Zinc	<5.00	ug/L		5.00	1	12/3/2025	12:15

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2080-4-02

Batch Number: AB-251201-011

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/3/2025	7:48
Calcium	60.7	mg/L		5.00	5	12/3/2025	9:09
Iron	<0.100	mg/L		0.10	1	12/3/2025	7:48
Magnesium	<1.00	mg/L		1.00	1	12/3/2025	7:48
Manganese	<0.0200	mg/L		0.02	1	12/3/2025	7:48
Potassium	<1.00	mg/L		1.00	1	12/3/2025	7:48
Sodium	14.3	mg/L		1.00	1	12/3/2025	7:48
Phosphorus	<1.00	mg/L		1.00	1	12/3/2025	7:48

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19014-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:33

Sample Barcode: 

Sample Number: 2025-2081

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst: AB

Aliquot #: 2025-2081-1-01

Batch Number: AB-251105-019

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	105	mg/L		6.00	1	11/5/2025 15:09

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst: AB

Aliquot #: 2025-2081-1-02

Batch Number: AB-251105-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/5/2025 9:50

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-2081-1-03

Batch Number: AB-251105-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/5/2025 19:55
Chloride	21.5	mg/L		0.50	1	11/5/2025 19:55
Bromide	0.15	mg/L		0.10	1	11/5/2025 19:55
Sulfate	2.27	mg/L		0.50	1	11/5/2025 19:55

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst: AB

Aliquot #: 2025-2081-1-04

Batch Number: AB-251105-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	9.30	mg/L		0.25	5	11/5/2025 10:02

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2081-1-05

Batch Number: AB-251105-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	11/5/2025 9:50

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19014-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:33

Sample Barcode: 

Sample Number: 2025-2081

pH		Method: SM 4500-H+ B, 2021			Analyst: AGS		
Aliquot #: 2025-2081-1-06		Batch Number: AB-251113-006					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
pH	7.18	None			1	11/3/2025 17:33	

Specific Conductance		Method: EPA 120.1, 1982			Analyst: PH		
Aliquot #: 2025-2081-1-07		Batch Number: AB-251119-024					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Specific Conductance	362	uS/cm		1.00	1	11/5/2025 10:12	

Total Dissolved Solids		Method: SM 2540 C, 2020			Analyst: SD		
Aliquot #: 2025-2081-1-08		Batch Number: AB-251112-005					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Dissolved Solids	238	mg/L		10.00	1	11/5/2025 15:00	

Water Temperature		Method: SM 2550 B, 2000			Analyst: AGS		
Aliquot #: 2025-2081-1-09		Batch Number: AB-251113-005					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Water Temperature	15.8	°C			1	11/3/2025 17:33	

Total Suspended Solids		Method: SM 2540 D, 2020			Analyst: SD		
Aliquot #: 2025-2081-1-10		Batch Number: AB-251112-001					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Suspended Solids	<2.00	mg/L		2.00	1	11/5/2025 7:48	

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19014-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:33

Sample Barcode: 

Sample Number: 2025-2081

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-2081-1-11

Batch Number: AB-251119-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.32	NTU		0.05	1	11/5/2025 10:12

Total Kjeldahl Nitrogen as N

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

Analyst: AB

Aliquot #: 2025-2081-1-12

Batch Number: AB-251106-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	1.40	mg/L		0.10	1	11/6/2025 10:02
Total Nitrogen from Lachat	10.7	mg/L		0.50	5	11/6/2025 10:02

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2081-1-13

Batch Number: AB-251106-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	11/6/2025 10:00

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-2081-2-01

Batch Number: AB-251105-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/5/2025 19:29

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19014-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:33

Sample Barcode: 

Sample Number: 2025-2081

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2081-3-01

Batch Number: AB-251118-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	11/18/2025	16:11
Arsenic	<1.00	ug/L		1.00	1	11/18/2025	16:11
Barium	28.9	ug/L		1.00	1	11/18/2025	16:11
Beryllium	<1.00	ug/L		1.00	1	11/18/2025	16:11
Cadmium	<0.300	ug/L		0.30	1	11/18/2025	16:11
Chromium	<1.00	ug/L		1.00	1	11/18/2025	16:11
Cobalt	<0.100	ug/L		0.10	1	11/18/2025	16:11
Copper	0.960	ug/L		0.50	1	11/18/2025	16:11
Lead	<0.500	ug/L		0.50	1	11/18/2025	16:11
Nickel	<0.500	ug/L		0.50	1	11/18/2025	16:11
Selenium	<5.00	ug/L		5.00	1	11/18/2025	16:11
Silver	<0.100	ug/L		0.10	1	11/18/2025	16:11
Thallium	<0.500	ug/L		0.50	1	11/18/2025	16:11
Vanadium	0.250	ug/L		0.20	1	11/18/2025	16:11
Zinc	6.48	ug/L		5.00	1	11/18/2025	16:11

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2081-3-02

Batch Number: AB-251118-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	11/18/2025	10:52
Calcium	46.7	mg/L		1.00	1	11/18/2025	10:52
Iron	<0.100	mg/L		0.10	1	11/18/2025	10:52
Magnesium	1.73	mg/L		1.00	1	11/18/2025	10:52
Manganese	<0.0200	mg/L		0.02	1	11/18/2025	10:52
Potassium	<1.00	mg/L		1.00	1	11/18/2025	10:52
Sodium	20.4	mg/L		1.00	1	11/18/2025	10:52
Hardness	124	mg/L		1.00	1	11/18/2025	10:52
Phosphorus	<1.00	mg/L		1.00	1	11/18/2025	10:52

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19014-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:33

Sample Barcode: 

Sample Number: 2025-2081

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2081-4-01

Batch Number: AB-251201-007

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	12/3/2025	12:29
Arsenic	<1.00	ug/L		1.00	1	12/3/2025	12:29
Barium	33.0	ug/L		1.00	1	12/3/2025	12:29
Beryllium	<1.00	ug/L		1.00	1	12/3/2025	12:29
Cadmium	<0.300	ug/L		0.30	1	12/3/2025	12:29
Chromium	<1.00	ug/L		1.00	1	12/3/2025	12:29
Cobalt	<0.100	ug/L		0.10	1	12/3/2025	12:29
Copper	1.13	ug/L		0.50	1	12/3/2025	12:29
Lead	<0.500	ug/L		0.50	1	12/3/2025	12:29
Nickel	<0.500	ug/L		0.50	1	12/3/2025	12:29
Selenium	<5.00	ug/L		5.00	1	12/3/2025	12:29
Silver	<0.100	ug/L		0.10	1	12/3/2025	12:29
Thallium	<0.500	ug/L		0.50	1	12/3/2025	12:29
Vanadium	<0.200	ug/L		0.20	1	12/3/2025	12:29
Zinc	6.74	ug/L		5.00	1	12/3/2025	12:29

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2081-4-02

Batch Number: AB-251201-011

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/3/2025	7:54
Calcium	47.7	mg/L		1.00	1	12/3/2025	7:54
Iron	<0.100	mg/L		0.10	1	12/3/2025	7:54
Magnesium	1.81	mg/L		1.00	1	12/3/2025	7:54
Manganese	<0.0200	mg/L		0.02	1	12/3/2025	7:54
Potassium	<1.00	mg/L		1.00	1	12/3/2025	7:54
Sodium	21.6	mg/L		1.00	1	12/3/2025	7:54
Phosphorus	<1.00	mg/L		1.00	1	12/3/2025	7:54

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19003-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:53

Sample Barcode: 

Sample Number: 2025-2082

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst: AB

Aliquot #: 2025-2082-1-01

Batch Number: AB-251105-019

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	26.4	mg/L		6.00	1	11/5/2025 15:10

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst: AB

Aliquot #: 2025-2082-1-02

Batch Number: AB-251105-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/5/2025 9:52

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-2082-1-03

Batch Number: AB-251105-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/5/2025 20:03
Chloride	9.44	mg/L		0.50	1	11/5/2025 20:03
Bromide	<0.10	mg/L		0.10	1	11/5/2025 20:03
Sulfate	1.62	mg/L		0.50	1	11/5/2025 20:03

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst: AB

Aliquot #: 2025-2082-1-04

Batch Number: AB-251105-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	8.20	mg/L		0.25	5	11/5/2025 10:03

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2082-1-05

Batch Number: AB-251105-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.054	mg/L		0.02	1	11/5/2025 9:52

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19003-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:53

Sample Barcode: 

Sample Number: 2025-2082

pH	Method: SM 4500-H+ B, 2021			Analyst: AGS		
Aliquot #: 2025-2082-1-06	Batch Number: AB-251113-006					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.07	None			1	11/3/2025 17:53

Specific Conductance	Method: EPA 120.1, 1982			Analyst: PH		
Aliquot #: 2025-2082-1-07	Batch Number: AB-251119-024					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	148	uS/cm		1.00	1	11/5/2025 10:14

Total Dissolved Solids	Method: SM 2540 C, 2020			Analyst: SD		
Aliquot #: 2025-2082-1-08	Batch Number: AB-251112-005					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	124	mg/L		10.00	1	11/5/2025 15:00

Water Temperature	Method: SM 2550 B, 2000			Analyst: AGS		
Aliquot #: 2025-2082-1-09	Batch Number: AB-251113-005					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	16.5	°C			1	11/3/2025 17:53

Total Suspended Solids	Method: SM 2540 D, 2020			Analyst: SD		
Aliquot #: 2025-2082-1-10	Batch Number: AB-251112-001					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	11/5/2025 7:48

Analytical Results



Collector: Geological, Arkansas Site: HODGE-19003-WO1 Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:53

Sample Barcode: 

Sample Number: 2025-2082

Turbidity Method: EPA 180.1 Analyst: PH

Aliquot #: 2025-2082-1-11 Batch Number: AB-251119-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.94	NTU		0.05	1	11/5/2025 10:14

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

Aliquot #: 2025-2082-1-12 Batch Number: AB-251106-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	11/6/2025 10:08
Total Nitrogen from Lachat	7.45	mg/L		0.50	5	11/6/2025 10:08

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

Aliquot #: 2025-2082-1-13 Batch Number: AB-251106-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.07	mg/L		0.02	1	11/6/2025 10:06

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

Aliquot #: 2025-2082-2-01 Batch Number: AB-251105-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/5/2025 19:44

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19003-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:53

Sample Barcode: 

Sample Number: 2025-2082

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2082-3-01

Batch Number: AB-251118-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	11/18/2025	16:15
Arsenic	<1.00	ug/L		1.00	1	11/18/2025	16:15
Barium	41.6	ug/L		1.00	1	11/18/2025	16:15
Beryllium	<1.00	ug/L		1.00	1	11/18/2025	16:15
Cadmium	<0.300	ug/L		0.30	1	11/18/2025	16:15
Chromium	<1.00	ug/L		1.00	1	11/18/2025	16:15
Cobalt	<0.100	ug/L		0.10	1	11/18/2025	16:15
Copper	<0.500	ug/L		0.50	1	11/18/2025	16:15
Lead	<0.500	ug/L		0.50	1	11/18/2025	16:15
Nickel	<0.500	ug/L		0.50	1	11/18/2025	16:15
Selenium	<5.00	ug/L		5.00	1	11/18/2025	16:15
Silver	<0.100	ug/L		0.10	1	11/18/2025	16:15
Thallium	<0.500	ug/L		0.50	1	11/18/2025	16:15
Vanadium	0.376	ug/L		0.20	1	11/18/2025	16:15
Zinc	13.9	ug/L		5.00	1	11/18/2025	16:15

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2082-3-02

Batch Number: AB-251118-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	11/18/2025	10:53
Calcium	16.3	mg/L		1.00	1	11/18/2025	10:53
Iron	<0.100	mg/L		0.10	1	11/18/2025	10:53
Magnesium	1.05	mg/L		1.00	1	11/18/2025	10:53
Manganese	<0.0200	mg/L		0.02	1	11/18/2025	10:53
Potassium	1.46	mg/L		1.00	1	11/18/2025	10:53
Sodium	9.69	mg/L		1.00	1	11/18/2025	10:53
Hardness	45.1	mg/L		1.00	1	11/18/2025	10:53
Phosphorus	<1.00	mg/L		1.00	1	11/18/2025	10:53

Analytical Results



Collector: Geological, Arkansas

Site: HODGE-19003-WO1

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/3/2025 17:53

Sample Barcode: 

Sample Number: 2025-2082

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2082-4-01

Batch Number: AB-251201-007

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	12/3/2025	12:33
Arsenic	<1.00	ug/L		1.00	1	12/3/2025	12:33
Barium	44.5	ug/L		1.00	1	12/3/2025	12:33
Beryllium	<1.00	ug/L		1.00	1	12/3/2025	12:33
Cadmium	<0.300	ug/L		0.30	1	12/3/2025	12:33
Chromium	<1.00	ug/L		1.00	1	12/3/2025	12:33
Cobalt	<0.100	ug/L		0.10	1	12/3/2025	12:33
Copper	<0.500	ug/L		0.50	1	12/3/2025	12:33
Lead	<0.500	ug/L		0.50	1	12/3/2025	12:33
Nickel	0.532	ug/L		0.50	1	12/3/2025	12:33
Selenium	<5.00	ug/L		5.00	1	12/3/2025	12:33
Silver	<0.100	ug/L		0.10	1	12/3/2025	12:33
Thallium	<0.500	ug/L		0.50	1	12/3/2025	12:33
Vanadium	0.279	ug/L		0.20	1	12/3/2025	12:33
Zinc	<5.00	ug/L		5.00	1	12/3/2025	12:33

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2082-4-02

Batch Number: AB-251201-011

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/3/2025	7:56
Calcium	16.9	mg/L		1.00	1	12/3/2025	7:56
Iron	<0.100	mg/L		0.10	1	12/3/2025	7:56
Magnesium	1.11	mg/L		1.00	1	12/3/2025	7:56
Manganese	<0.0200	mg/L		0.02	1	12/3/2025	7:56
Potassium	1.65	mg/L		1.00	1	12/3/2025	7:56
Sodium	10.5	mg/L		1.00	1	12/3/2025	7:56
Phosphorus	<1.00	mg/L		1.00	1	12/3/2025	7:56

Analytical Results



Collector: Geological, Arkansas

Site: REDBUD-SPR01

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:26

Sample Barcode: 

Sample Number: 2025-2083

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst: AB

Aliquot #: 2025-2083-1-01

Batch Number: AB-251105-019

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	91.3	mg/L		6.00	1	11/5/2025 15:12

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst: AB

Aliquot #: 2025-2083-1-02

Batch Number: AB-251105-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/5/2025 9:53

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst: SD

Aliquot #: 2025-2083-1-03

Batch Number: AB-251105-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/5/2025 20:12
Chloride	7.04	mg/L		0.50	1	11/5/2025 20:12
Bromide	0.14	mg/L		0.10	1	11/5/2025 20:12
Sulfate	3.49	mg/L		0.50	1	11/5/2025 20:12

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst: AB

Aliquot #: 2025-2083-1-04

Batch Number: AB-251105-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.53	mg/L		0.05	1	11/5/2025 9:53

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2083-1-05

Batch Number: AB-251105-011

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	11/5/2025 9:53

Analytical Results



Collector: Geological, Arkansas

Site: REDBUD-SPR01

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:26

Sample Barcode: 

Sample Number: 2025-2083

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

Aliquot #: 2025-2083-1-06 Batch Number: AB-251113-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.57	None			1	11/4/2025 11:26

Specific Conductance Method: EPA 120.1, 1982 Analyst: PH

Aliquot #: 2025-2083-1-07 Batch Number: AB-251119-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	212	uS/cm		1.00	1	11/5/2025 13:34

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

Aliquot #: 2025-2083-1-08 Batch Number: AB-251112-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	129	mg/L		10.00	1	11/5/2025 15:00

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

Aliquot #: 2025-2083-1-09 Batch Number: AB-251113-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.4	°C			1	11/4/2025 11:26

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

Aliquot #: 2025-2083-1-10 Batch Number: AB-251112-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	11/5/2025 7:48

Analytical Results



Collector: Geological, Arkansas

Site: REDBUD-SPR01

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:26

Sample Barcode: 

Sample Number: 2025-2083

Turbidity

Method: EPA 180.1

Analyst: PH

Aliquot #: 2025-2083-1-11

Batch Number: AB-251119-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.59	NTU		0.05	1	11/5/2025 13:34

Total Kjeldahl Nitrogen as N

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

Analyst: AB

Aliquot #: 2025-2083-1-12

Batch Number: AB-251106-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	11/6/2025 10:10
Total Nitrogen from Lachat	0.53	mg/L		0.10	1	11/6/2025 10:10

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: AB

Aliquot #: 2025-2083-1-13

Batch Number: AB-251106-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	11/6/2025 10:10

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2025-2083-2-01

Batch Number: AB-251105-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/5/2025 19:58

Analytical Results



Collector: Geological, Arkansas

Site: REDBUD-SPR01

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:26

Sample Barcode: 

Sample Number: 2025-2083

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2083-3-01

Batch Number: AB-251118-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	11/18/2025	16:19
Arsenic	<1.00	ug/L		1.00	1	11/18/2025	16:19
Barium	43.5	ug/L		1.00	1	11/18/2025	16:19
Beryllium	<1.00	ug/L		1.00	1	11/18/2025	16:19
Cadmium	<0.300	ug/L		0.30	1	11/18/2025	16:19
Chromium	<1.00	ug/L		1.00	1	11/18/2025	16:19
Cobalt	<0.100	ug/L		0.10	1	11/18/2025	16:19
Copper	<0.500	ug/L		0.50	1	11/18/2025	16:19
Lead	<0.500	ug/L		0.50	1	11/18/2025	16:19
Nickel	<0.500	ug/L		0.50	1	11/18/2025	16:19
Selenium	<5.00	ug/L		5.00	1	11/18/2025	16:19
Silver	<0.100	ug/L		0.10	1	11/18/2025	16:19
Thallium	<0.500	ug/L		0.50	1	11/18/2025	16:19
Vanadium	<0.200	ug/L	R	0.20	1	11/18/2025	16:19
Zinc	<5.00	ug/L		5.00	1	11/18/2025	16:19

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2083-3-02

Batch Number: AB-251118-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	11/18/2025	10:55
Calcium	35.4	mg/L		1.00	1	11/18/2025	10:55
Iron	<0.100	mg/L		0.10	1	11/18/2025	10:55
Magnesium	1.59	mg/L		1.00	1	11/18/2025	10:55
Manganese	<0.0200	mg/L		0.02	1	11/18/2025	10:55
Potassium	<1.00	mg/L		1.00	1	11/18/2025	10:55
Sodium	4.50	mg/L		1.00	1	11/18/2025	10:55
Hardness	94.9	mg/L		1.00	1	11/18/2025	10:55
Phosphorus	<1.00	mg/L		1.00	1	11/18/2025	10:55

Analytical Results



Collector: Geological, Arkansas

Site: REDBUD-SPR01

Work Order Number: WO-251104-02

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:26

Sample Barcode: 

Sample Number: 2025-2083

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2083-4-01

Batch Number: AB-251201-007

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	12/3/2025	12:36
Arsenic	<1.00	ug/L		1.00	1	12/3/2025	12:36
Barium	46.0	ug/L		1.00	1	12/3/2025	12:36
Beryllium	<1.00	ug/L		1.00	1	12/3/2025	12:36
Cadmium	<0.300	ug/L		0.30	1	12/3/2025	12:36
Chromium	<1.00	ug/L		1.00	1	12/3/2025	12:36
Cobalt	<0.100	ug/L		0.10	1	12/3/2025	12:36
Copper	<0.500	ug/L		0.50	1	12/3/2025	12:36
Lead	<0.500	ug/L		0.50	1	12/3/2025	12:36
Nickel	<0.500	ug/L		0.50	1	12/3/2025	12:36
Selenium	<5.00	ug/L		5.00	1	12/3/2025	12:36
Silver	<0.100	ug/L		0.10	1	12/3/2025	12:36
Thallium	<0.500	ug/L		0.50	1	12/3/2025	12:36
Vanadium	<0.200	ug/L		0.20	1	12/3/2025	12:36
Zinc	9.62	ug/L	R	5.00	1	12/3/2025	12:36

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2083-4-02

Batch Number: AB-251201-011

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/3/2025	7:57
Calcium	36.9	mg/L		1.00	1	12/3/2025	7:57
Iron	<0.100	mg/L		0.10	1	12/3/2025	7:57
Magnesium	1.71	mg/L		1.00	1	12/3/2025	7:57
Manganese	<0.0200	mg/L		0.02	1	12/3/2025	7:57
Potassium	<1.00	mg/L		1.00	1	12/3/2025	7:57
Sodium	4.85	mg/L		1.00	1	12/3/2025	7:57
Phosphorus	<1.00	mg/L		1.00	1	12/3/2025	7:57

Analytical Results



Collector: Geological, Arkansas

Site: Metals Field Blank

Work Order Number: WO-251104-02

Sample Classification: Special

Project: EVT

Matrix: Water

Collected: 11/4/2025 11:45

Sample Barcode: 

Sample Number: 2025-2084

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: CAC

Aliquot #: 2025-2084-1-01

Batch Number: AB-251118-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00	ug/L		2.00	1	11/18/2025	16:27
Arsenic	<1.00	ug/L		1.00	1	11/18/2025	16:27
Barium	<1.00	ug/L		1.00	1	11/18/2025	16:27
Beryllium	<1.00	ug/L		1.00	1	11/18/2025	16:27
Cadmium	<0.300	ug/L		0.30	1	11/18/2025	16:27
Chromium	<1.00	ug/L		1.00	1	11/18/2025	16:27
Cobalt	<0.100	ug/L		0.10	1	11/18/2025	16:27
Copper	<0.500	ug/L		0.50	1	11/18/2025	16:27
Lead	<0.500	ug/L		0.50	1	11/18/2025	16:27
Nickel	<0.500	ug/L		0.50	1	11/18/2025	16:27
Selenium	<5.00	ug/L		5.00	1	11/18/2025	16:27
Silver	<0.100	ug/L		0.10	1	11/18/2025	16:27
Thallium	<0.500	ug/L		0.50	1	11/18/2025	16:27
Vanadium	<0.200	ug/L		0.20	1	11/18/2025	16:27
Zinc	<5.00	ug/L		5.00	1	11/18/2025	16:27

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: CAC

Aliquot #: 2025-2084-1-02

Batch Number: AB-251118-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	11/18/2025	10:58
Calcium	<1.00	mg/L		1.00	1	11/18/2025	10:58
Iron	<0.100	mg/L		0.10	1	11/18/2025	10:58
Magnesium	<1.00	mg/L		1.00	1	11/18/2025	10:58
Manganese	<0.0200	mg/L		0.02	1	11/18/2025	10:58
Potassium	<1.00	mg/L		1.00	1	11/18/2025	10:58
Sodium	<1.00	mg/L		1.00	1	11/18/2025	10:58
Hardness	<1.00	mg/L		1.00	1	11/18/2025	10:58
Phosphorus	<1.00	mg/L		1.00	1	11/18/2025	10:58

QUALITY CONTROL REPORT

Project: **EVT Routine+Metals 2025 2080-2084**

Date and Time Received: 11/4/2025 3:51:00PM

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers	
		SM 5310 C, 2014						Batch #:	AB-251105-002		Parent Sample:		2025-2076		
	mg/L	<1.00	1,000.00	99.8 /	85-115		-			103.0 / 104.0	80-120	0.6	-		
Anions	EPA 300.0 (Rev.2.1, 1993)						Batch #:	AB-251105-004		Parent Sample:		2025-2076			
Br	mg/L	<0.10	0.10	103.7 /	90-110		-			88.0 / 88.4	80-120	0.4	-		
Cl	mg/L	<0.50	0.50	107.9 /	90-110		-			101.0 / 101.7	80-120	0.4	-		
F	mg/L	<0.10	0.10	109.8 /	90-110		-			96.7 / 98.6	80-120	1.8	-		
SO4	mg/L	<0.50	0.50	109.6 /	90-110		-			100.7 / 101.5	80-120	0.6	-		
Ammonia as N	SM 4500-NH3 H, 2021						Batch #:	AB-251105-007		Parent Sample:		2025-2076			
	mg/L	<0.03	0.03	101.7 /	80-120		-			98.7 / 98.8	80-120	0.1	-		
Orthophosphate as P	SM 4500-P G, 2021						Batch #:	AB-251105-011		Parent Sample:		2025-2076			
	mg/L	<0.02	0.02	98.0 /	80-120		-			95.1 / 95.1	80-120	0.0	-		
Nitrate +Nitrite as N	SM 4500-NO3 F, 2019						Batch #:	AB-251105-015		Parent Sample:		2025-2076			
	mg/L	<0.05	0.05	98.7 /	80-120		-			98.2 / 97.7	80-120	0.5	-		
Alkalinity as CaCO3	EPA 310.2 (Rev. 1974)						Batch #:	AB-251105-019		Parent Sample:					
	mg/L	<6.00	6.00	100.0 /	90-110		-			/	-		-		
	SM 4500-N(org) C, 2021						Batch #:	AB-251106-001		Parent Sample:		2025-2076			
	mg/L	<0.10	0.10	96.5 /	80-120		-			97.5 / 96.5	80-120	0.7	-		
	SM 4500-P G, 2021						Batch #:	AB-251106-005		Parent Sample:		2025-2076			
	mg/L	<0.02	0.02	98.5 /	80-120		-			99.1 / 100.1	80-120	0.9	-		
Total Suspended Solids	SM 2540 D, 2020						Batch #:	AB-251112-001		Parent Sample:					
	mg/L	<2.00	2.00	95.3 /	90-110		-			/	-		-		
Total Dissolved Solids	SM 2540 C, 2020						Batch #:	AB-251112-005		Parent Sample:					
	mg/L	<10.0	10.00	101.0 /	90-110		-			/	-		-		
ICP/MS Metals (Dissolved)	EPA 200.8 (Rev. 5.4, 1994)						Batch #:	AB-251118-005		Parent Sample:		2025-2080			
Ag	ug/L	<0.100	0.10	93.9 /	85-115		-			83.9 / 87.9	70-130	4.5	-		
As	ug/L	<1.00	1.00	105.8 /	85-115		-			102.9 / 107.5	70-130	4.4	-		
Ba	ug/L	<1.00	1.00	95.8 /	85-115		-			93.7 / 95.7	70-130	1.5	-		
Be	ug/L	<1.00	1.00	101.4 /	85-115		-			100.5 / 103.5	70-130	2.9	-		
Cd	ug/L	<0.300	0.30	104.1 /	85-115		-			99.8 / 102.9	70-130	3.0	-		
Co	ug/L	<0.100	0.10	97.4 /	85-115		-			90.9 / 95.3	70-130	4.6	-		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Cr	ug/L	<1.00	1.00	101.3 /	85-115		-			95.0 / 99.0	70-130	3.8	-	
Cu	ug/L	<0.500	0.50	96.7 /	85-115		-			86.5 / 91.0	70-130	4.9	-	
Ni	ug/L	<0.500	0.50	97.8 /	85-115		-			89.2 / 94.0	70-130	5.1	-	
Pb	ug/L	<0.500	0.50	106.5 /	85-115		-			101.6 / 106.0	70-130	4.2	-	
Sb	ug/L	<2.00	2.00	108.4 /	85-115		-			104.2 / 108.7	70-130	4.3	-	
Se	ug/L	<5.00	5.00	107.1 /	85-115		-			107.0 / 112.3	70-130	4.8	-	
TI	ug/L	<0.500	0.50	104.2 /	85-115		-			99.1 / 104.9	70-130	5.7	-	
V	ug/L	<0.200	0.20	100.6 /	85-115		-			96.0 / 100.4	70-130	4.4	-	
Zn	ug/L	<5.00	5.00	105.2 /	85-115		-			107.7 / 101.8	70-130	5.0	-	
ICP/OES Metals (Dissolved)		EPA 200.7				Batch #:	AB-251118-006			Parent Sample:	2025-2080			
Al	mg/L	<0.100	0.10	98.0 /	85-115		-			93.8 / 97.8	70-131	4.1	-	
Ca	mg/L	<1.00	1.00	101.8 /	85-115		-			88.8 / 92.3	70-131	0.5	-	
Fe	mg/L	<0.100	0.10	99.6 /	85-115		-			91.7 / 95.7	70-131	4.3	-	
K	mg/L	<1.00	1.00	97.2 /	85-115		-			95.1 / 99.5	70-131	4.4	-	
Mg	mg/L	<1.00	1.00	100.2 /	85-115		-			92.8 / 96.8	70-131	3.8	-	
Mn	mg/L	<0.0200	0.02	99.4 /	85-115		-			91.5 / 95.2	70-131	4.0	-	
Na	mg/L	<1.00	1.00	99.6 /	85-115		-			96.3 / 100.5	70-131	1.8	-	
P	mg/L	<1.00	1.00	101.7 /	85-115		-			97.3 / 101.7	70-131	4.4	-	
Turbidity		EPA 180.1				Batch #:	AB-251119-005			Parent Sample:				
	NTU	<0.05	0.05	103.6 /	90-110		-		/	-		-	-	
Specific Conductance		EPA 120.1, 1982				Batch #:	AB-251119-024			Parent Sample:				
	uS/cm	<1.00	1.00	100.8 /	95-105		-		/	-		-	-	
		EPA 200.8 (Rev. 5.4, 1994)				Batch #:	AB-251201-007			Parent Sample:	2025-2076			
Ag	ug/L	<0.100	0.10	94.1 /	85-115		-			95.7 / 96.2	70-130	0.5	-	
As	ug/L	<1.00	1.00	105.5 /	85-115		-			108.8 / 108.7	70-130	0.1	-	
Ba	ug/L	<1.00	1.00	99.9 /	85-115		-			101.4 / 99.3	70-130	1.3	-	
Be	ug/L	<1.00	1.00	105.3 /	85-115		-			109.8 / 106.3	70-130	3.3	-	
Cd	ug/L	<0.300	0.30	102.7 /	85-115		-			105.6 / 104.9	70-130	0.7	-	
Co	ug/L	<0.100	0.10	98.8 /	85-115		-			96.4 / 97.1	70-130	0.7	-	
Cr	ug/L	<1.00	1.00	102.9 /	85-115		-			99.3 / 100.9	70-130	1.7	-	
Cu	ug/L	<0.500	0.50	97.2 /	85-115		-			94.5 / 93.8	70-130	0.8	-	
Ni	ug/L	<0.500	0.50	98.0 /	85-115		-			94.4 / 94.2	70-130	0.2	-	
Pb	ug/L	<0.500	0.50	104.1 /	85-115		-			103.6 / 102.3	70-130	1.2	-	
Sb	ug/L	<2.00	2.00	109.4 /	85-115		-			111.7 / 108.9	70-130	2.5	-	
Se	ug/L	<5.00	5.00	106.8 /	85-115		-			113.0 / 112.6	70-130	0.4	-	
TI	ug/L	<0.500	0.50	105.7 /	85-115		-			106.0 / 105.6	70-130	0.4	-	
V	ug/L	<0.200	0.20	101.5 /	85-115		-			101.7 / 101.6	70-130	0.0	-	
Zn	ug/L	<5.00	5.00	104.1 /	85-115		-			77.3 / 76.7	70-130	0.5	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
		EPA 200.7						Batch #:	AB-251201-011		Parent Sample:	2025-2076		
Al	mg/L	<0.100	0.10	102.2 /	85-115		-			104.5 / 104.2	70-130	0.3	-	
Ca	mg/L	<1.00	1.00	102.8 /	85-115		-			95.7 / 97.6	70-130	0.5	-	
Fe	mg/L	<0.100	0.10	101.1 /	85-115		-			100.4 / 100.8	70-130	0.3	-	
K	mg/L	<1.00	1.00	102.2 /	85-115		-			105.0 / 105.0	70-130	0.0	-	
Mg	mg/L	<1.00	1.00	103.8 /	85-115		-			100.6 / 101.8	70-130	0.3	-	
Mn	mg/L	<0.0200	0.02	102.3 /	85-115		-			100.0 / 100.3	70-130	0.2	-	
Na	mg/L	<1.00	1.00	105.2 /	85-115		-			107.1 / 107.3	70-130	0.2	-	
P	mg/L	<1.00	1.00	104.6 /	85-115		-			106.3 / 106.4	70-130	0.1	-	

FIELD QUALITY CONTROL REPORT

Work Order # **WO-251104-02**

Parent Sample **2025-2080**

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-251105-002 Dup - Field 2		Parent Aliquot #	2025-2080-2-01		
Dissolved Organic Carbon		<1.00	mg/L	17.90	0 - 20	AB-251105-002
Aliquot #	AB-251105-002 Dup - Field 3		Parent Aliquot #	2025-2083-2-01		
Dissolved Organic Carbon		<1.00	mg/L	14.46	0 - 20	AB-251105-002
Aliquot #	AB-251105-004 Dup - Field 2		Parent Aliquot #	2025-2080-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-251105-004
Chloride		6.86	mg/L	0.61	0 - 20	AB-251105-004
Bromide		0.14	mg/L	5.06	0 - 20	AB-251105-004
Sulfate		5.54	mg/L	0.29	0 - 20	AB-251105-004
Aliquot #	AB-251105-004 Dup - Field 3		Parent Aliquot #	2025-2083-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-251105-004
Chloride		7.07	mg/L	0.45	0 - 20	AB-251105-004
Bromide		0.14	mg/L	0.29	0 - 20	AB-251105-004
Sulfate		3.49	mg/L	0.03	0 - 20	AB-251105-004
Aliquot #	AB-251105-007 Dup - Field 2		Parent Aliquot #	2025-2080-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-251105-007
Aliquot #	AB-251105-007 Dup - Field 3		Parent Aliquot #	2025-2083-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-251105-007
Aliquot #	AB-251105-011 Dup - Field 2		Parent Aliquot #	2025-2080-1-05		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-251105-011
Aliquot #	AB-251105-011 Dup - Field 3		Parent Aliquot #	2025-2083-1-05		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-251105-011
Aliquot #	AB-251105-015 Dup - Field 2		Parent Aliquot #	2025-2080-1-04		
Nitrite+Nitrate as Nitrogen		6.00	mg/L	13.33	0 - 20	AB-251105-015
Aliquot #	AB-251105-015 Dup - Field 3		Parent Aliquot #	2025-2083-1-04		
Nitrite+Nitrate as Nitrogen		0.53	mg/L	0.19	0 - 20	AB-251105-015
Aliquot #	AB-251105-019 Dup - Field 2		Parent Aliquot #	2025-2080-1-01		
Alkalinity		145	mg/L	0.69	0 - 20	AB-251105-019
Aliquot #	AB-251105-019 Dup - Field 3		Parent Aliquot #	2025-2083-1-01		
Alkalinity		91.0	mg/L	0.33	0 - 20	AB-251105-019
Aliquot #	AB-251106-001 Dup - Field 2		Parent Aliquot #	2025-2080-1-12		
Total Kjeldahl Nitrogen		<0.10	mg/L	450.00	0 - 20	AB-251106-001

Aliquot #	AB-251106-001 Dup - Field 3		Parent Aliquot #	2025-2083-1-12	
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20 AB-251106-001
Aliquot #	AB-251106-005 Dup - Field 2		Parent Aliquot #	2025-2080-1-13	
Total Phosphorus		0.02	mg/L	8.37	0 - 20 AB-251106-005
Aliquot #	AB-251106-005 Dup - Field 3		Parent Aliquot #	2025-2083-1-13	
Total Phosphorus		<0.02	mg/L	0.00	0 - 20 AB-251106-005
Aliquot #	AB-251112-001 Dup - Field 2		Parent Aliquot #	2025-2080-1-10	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5 AB-251112-001
Aliquot #	AB-251112-001 Dup - Field 3		Parent Aliquot #	2025-2083-1-10	
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5 AB-251112-001
Aliquot #	AB-251112-005 Dup - Field 2		Parent Aliquot #	2025-2080-1-08	
Total Dissolved Solids		212	mg/L	0.70	0 - 5 AB-251112-005
Aliquot #	AB-251112-005 Dup - Field 3		Parent Aliquot #	2025-2083-1-08	
Total Dissolved Solids		129	mg/L	0.00	0 - 5 AB-251112-005
Aliquot #	AB-251113-005 Dup - Field 1		Parent Aliquot #	2025-2080-1-09	
Water Temperature		16.8	°C	0.00	0 - 20 AB-251113-005
Aliquot #	AB-251113-005 Dup - Field 2		Parent Aliquot #	2025-2083-1-09	
Water Temperature		17.4	°C	0.00	0 - 20 AB-251113-005
Aliquot #	AB-251113-006 Dup - Field 1		Parent Aliquot #	2025-2080-1-06	
pH		7.09	units	0.00	0 - 20 AB-251113-006
Aliquot #	AB-251113-006 Dup - Field 2		Parent Aliquot #	2025-2083-1-06	
pH		6.57	units	0.00	0 - 20 AB-251113-006
Aliquot #	AB-251118-005 Dup - Field 1		Parent Aliquot #	2025-2080-3-01	
Antimony		<2.00	ug/L	0.00	0 - 20 AB-251118-005
Arsenic		<1.00	ug/L	0.00	0 - 20 AB-251118-005
Barium		20.0	ug/L	0.59	0 - 20 AB-251118-005
Beryllium		<1.00	ug/L	0.00	0 - 20 AB-251118-005
Cadmium		<0.300	ug/L	0.00	0 - 20 AB-251118-005
Chromium		<1.00	ug/L	0.00	0 - 20 AB-251118-005
Cobalt		<0.100	ug/L	0.00	0 - 20 AB-251118-005
Copper		<0.500	ug/L	174.25	0 - 20 AB-251118-005
Lead		<0.500	ug/L	0.00	0 - 20 AB-251118-005
Nickel		<0.500	ug/L	0.00	0 - 20 AB-251118-005
Selenium		<5.00	ug/L	0.00	0 - 20 AB-251118-005
Silver		<0.100	ug/L	0.00	0 - 20 AB-251118-005
Thallium		<0.500	ug/L	0.00	0 - 20 AB-251118-005
Vanadium		0.361	ug/L	34.82	0 - 20 AB-251118-005
Zinc		13.7	ug/L	111.40	0 - 20 AB-251118-005
Aliquot #	AB-251118-005 Dup - Field 2		Parent Aliquot #	2025-2083-3-01	

Antimony	<2.00	ug/L	0.00	0 - 20	AB-251118-005
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-251118-005
Barium	43.2	ug/L	0.64	0 - 20	AB-251118-005
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-251118-005
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-251118-005
Chromium	<1.00	ug/L	0.00	0 - 20	AB-251118-005
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-251118-005
Copper	<0.500	ug/L	0.00	0 - 20	AB-251118-005
Lead	<0.500	ug/L	0.00	0 - 20	AB-251118-005
Nickel	<0.500	ug/L	0.00	0 - 20	AB-251118-005
Selenium	<5.00	ug/L	0.00	0 - 20	AB-251118-005
Silver	<0.100	ug/L	0.00	0 - 20	AB-251118-005
Thallium	<0.500	ug/L	0.00	0 - 20	AB-251118-005
Vanadium	0.247	ug/L	58.05	0 - 20	AB-251118-005
Zinc	<5.00	ug/L	0.00	0 - 20	AB-251118-005

Aliquot #	AB-251118-006 Dup - Field 1	Parent Aliquot #	2025-2080-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-251118-006
Calcium	56.5	mg/L	1.61	0 - 20	AB-251118-006
Iron	<0.100	mg/L	0.00	0 - 20	AB-251118-006
Magnesium	<1.00	mg/L	0.00	0 - 20	AB-251118-006
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-251118-006
Potassium	<1.00	mg/L	0.00	0 - 20	AB-251118-006
Sodium	13.2	mg/L	0.26	0 - 20	AB-251118-006
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-251118-006

Aliquot #	AB-251118-006 Dup - Field 2	Parent Aliquot #	2025-2083-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-251118-006
Calcium	35.4	mg/L	0.10	0 - 20	AB-251118-006
Iron	<0.100	mg/L	0.00	0 - 20	AB-251118-006
Magnesium	1.60	mg/L	0.68	0 - 20	AB-251118-006
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-251118-006
Potassium	<1.00	mg/L	0.00	0 - 20	AB-251118-006
Sodium	4.47	mg/L	0.58	0 - 20	AB-251118-006
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-251118-006

Aliquot #	AB-251119-005 Dup - Field 2	Parent Aliquot #	2025-2080-1-11		
Turbidity	0.98	NTU	9.63	0 - 20	AB-251119-005

Aliquot #	AB-251119-005 Dup - Field 3	Parent Aliquot #	2025-2083-1-11		
Turbidity	0.56	NTU	5.22	0 - 20	AB-251119-005

Aliquot #	AB-251119-024 Dup - Field 2	Parent Aliquot #	2025-2080-1-07		
Specific Conductance	351	uS/cm	0.57	0 - 20	AB-251119-024

Aliquot #	AB-251119-024 Dup - Field 3	Parent Aliquot #	2025-2083-1-07		
Specific Conductance	212	uS/cm	0.42	0 - 20	AB-251119-024

Aliquot #	AB-251201-007 Dup - Field 2	Parent Aliquot #	2025-2080-4-01
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Antimony	<2.00	ug/L	0.00	0 - 20	AB-251201-007
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Barium	21.6	ug/L	1.14	0 - 20	AB-251201-007
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-251201-007
Chromium	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-251201-007
Copper	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Lead	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Nickel	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Selenium	<5.00	ug/L	0.00	0 - 20	AB-251201-007
Silver	<0.100	ug/L	0.00	0 - 20	AB-251201-007
Thallium	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Vanadium	0.259	ug/L	5.70	0 - 20	AB-251201-007
Zinc	<5.00	ug/L	0.00	0 - 20	AB-251201-007

Aliquot #	AB-251201-007 Dup - Field 3		Parent Aliquot #	2025-2083-4-01	
Antimony	<2.00	ug/L	0.00	0 - 20	AB-251201-007
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Barium	45.1	ug/L	1.90	0 - 20	AB-251201-007
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-251201-007
Chromium	<1.00	ug/L	0.00	0 - 20	AB-251201-007
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-251201-007
Copper	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Lead	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Nickel	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Selenium	<5.00	ug/L	0.00	0 - 20	AB-251201-007
Silver	<0.100	ug/L	0.00	0 - 20	AB-251201-007
Thallium	<0.500	ug/L	0.00	0 - 20	AB-251201-007
Vanadium	<0.200	ug/L	0.00	0 - 20	AB-251201-007
Zinc	<5.00	ug/L	176.25	0 - 20	AB-251201-007

Aliquot #	AB-251201-011 Dup - Field 2		Parent Aliquot #	2025-2080-4-02	
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-251201-011
Calcium	60.5	mg/L	0.42	0 - 20	AB-251201-011
Iron	<0.100	mg/L	0.00	0 - 20	AB-251201-011
Magnesium	<1.00	mg/L	0.00	0 - 20	AB-251201-011
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-251201-011
Potassium	<1.00	mg/L	0.00	0 - 20	AB-251201-011
Sodium	14.4	mg/L	0.32	0 - 20	AB-251201-011
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-251201-011

Aliquot #	AB-251201-011 Dup - Field 3		Parent Aliquot #	2025-2083-4-02	
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-251201-011
Calcium	36.6	mg/L	0.87	0 - 20	AB-251201-011
Iron	<0.100	mg/L	0.00	0 - 20	AB-251201-011

Magnesium	1.68	mg/L	1.53	0 - 20	AB-251201-011
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-251201-011
Potassium	<1.00	mg/L	0.00	0 - 20	AB-251201-011
Sodium	4.81	mg/L	0.75	0 - 20	AB-251201-011
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-251201-011