

# Analytical Results



## Lab Contact Info:

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 501-682-0937

Collector: Geological, Arkansas

Project: EVT

Project Description: EVT project Routine+Metals 2024 2982-2987

Date and Time Received: 12/3/2024 15:08:00

Work Order Number: WO-241203-03

## Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	2.1°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: LR-2068-01      **Work Order Number: WO-241203-03**

Sample Classification: Routine Monitoring	Project: EVT
Matrix: Water	Collected: 12/2/2024 15:40
Sample Barcode:	Sample Number: 2024-2982

**Alkalinity as CaCO3**      **Method: EPA 310.2 (Rev. 1974)**      **Analyst: JR**  
**Aliquot #: 2024-2982-1-01**      **Batch Number: AB-241204-012**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	178	mg/L		6.00	1	12/4/2024 14:05

**Ammonia as N**      **Method: SM 4500-NH3 H, 2021**      **Analyst: JR**  
**Aliquot #: 2024-2982-1-02**      **Batch Number: AB-241204-001**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	12/4/2024 10:19

**Anions**      **Method: EPA 300.0 (Rev.2.1, 1993)**      **Analyst:**  
**Aliquot #: 2024-2982-1-03**      **Batch Number: AB-241204-024**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	12/4/2024 20:25
Chloride	6.66*	mg/L		0.50	1	12/4/2024 20:25
Bromide	0.31*	mg/L		0.10	1	12/4/2024 20:25
Sulfate	13.7*	mg/L		0.50	1	12/4/2024 20:25

**Nitrate +Nitrite as N**      **Method: SM 4500-NO3 F, 2019**      **Analyst: JR**  
**Aliquot #: 2024-2982-1-05**      **Batch Number: AB-241204-009**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	4.50	mg/L		0.05	1	12/4/2024 10:19

# Analytical Results



Collector: Geological, Arkansas

Site: LR-2068-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 15:40

Sample Barcode: 

Sample Number: 2024-2982

## Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2982-1-06

Batch Number: AB-241204-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.033	mg/L		0.02	1	12/4/2024 10:19

## pH

Method: SM 4500-H+ B, 2021

Analyst: AGS

Aliquot #: 2024-2982-1-07

Batch Number: AB-241209-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.30	None			1	12/2/2024 15:40

## Specific Conductance

Method: EPA 120.1, 1982

Analyst:

Aliquot #: 2024-2982-1-08

Batch Number: AB-241205-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	387	uS/cm		1.00	1	12/4/2024 11:03

## Total Dissolved Solids

Method: SM 2540 C, 2020

Analyst: SD

Aliquot #: 2024-2982-1-09

Batch Number: AB-241205-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	238	mg/L		10.00	1	12/4/2024 16:00

## Water Temperature

Method: SM 2550 B, 2000

Analyst: AGS

Aliquot #: 2024-2982-1-10

Batch Number: AB-241209-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	14.4	°C	R		1	12/2/2024 15:40

# Analytical Results



Collector: Geological, Arkansas      Site: LR-2068-01      Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 15:40

Sample Barcode: 

Sample Number: 2024-2982

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

Aliquot #: 2024-2982-1-11      Batch Number: AB-241205-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	12/3/2024 15:30

**Turbidity**      Method: EPA 180.1      Analyst:

Aliquot #: 2024-2982-1-12      Batch Number: AB-241204-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.71	NTU		0.05	1	12/4/2024 11:03

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

Aliquot #: 2024-2982-1-14      Batch Number: AB-241204-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	12/5/2024 9:33

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

Aliquot #: 2024-2982-1-15      Batch Number: AB-241204-018

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	12/5/2024 9:33

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

Aliquot #: 2024-2982-2-01      Batch Number: AB-241204-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	12/4/2024 18:55

# Analytical Results



Collector: Geological, Arkansas

Site: LR-2068-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 15:40

Sample Barcode: 

Sample Number: 2024-2982

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2982-3-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025	11:39
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025	11:39
Barium	43.0*	ug/L		1.00	1	1/17/2025	11:39
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025	11:39
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025	11:39
Chromium	<1.00*	ug/L		1.00	1	1/17/2025	11:39
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025	11:39
Copper	2.29*	ug/L		0.50	1	1/17/2025	11:39
Lead	<0.500*	ug/L		0.50	1	1/17/2025	11:39
Nickel	<0.500*	ug/L		0.50	1	1/17/2025	11:39
Selenium	<5.00*	ug/L		5.00	1	1/17/2025	11:39
Silver	<0.100*	ug/L		0.10	1	1/17/2025	11:39
Thallium	<0.500*	ug/L		0.50	1	1/17/2025	11:39
Vanadium	0.261*	ug/L		0.20	1	1/17/2025	11:39
Zinc	<5.00*	ug/L		5.00	1	1/17/2025	11:39

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2982-3-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025	12:50
Calcium	73.7*	mg/L		5.00	5	1/22/2025	14:04
Iron	<0.100*	mg/L		0.10	1	1/22/2025	12:50
Magnesium	1.88*	mg/L		1.00	1	1/22/2025	12:50
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025	12:50
Potassium	2.57*	mg/L		1.00	1	1/22/2025	12:50
Sodium	8.72*	mg/L		1.00	1	1/22/2025	12:50
Hardness	192*	mg/L		1.00	1	1/22/2025	14:04
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025	12:50

# Analytical Results



Collector: Geological, Arkansas

Site: LR-2068-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 15:40

Sample Barcode: 

Sample Number: 2024-2982

**ICP/MS Metals (Total)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2982-4-01

Batch Number: AB-250114-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/14/2025	14:59
Arsenic	<1.00*	ug/L		1.00	1	1/14/2025	14:59
Barium	41.6*	ug/L		1.00	1	1/14/2025	14:59
Beryllium	<1.00*	ug/L		1.00	1	1/14/2025	14:59
Cadmium	<0.300*	ug/L		0.30	1	1/14/2025	14:59
Chromium	<1.00*	ug/L		1.00	1	1/14/2025	14:59
Cobalt	<0.100*	ug/L		0.10	1	1/14/2025	14:59
Copper	2.59*	ug/L		0.50	1	1/14/2025	14:59
Lead	<0.500*	ug/L		0.50	1	1/14/2025	14:59
Nickel	<0.500*	ug/L		0.50	1	1/14/2025	14:59
Selenium	<5.00*	ug/L		5.00	1	1/14/2025	14:59
Silver	<0.100*	ug/L		0.10	1	1/14/2025	14:59
Thallium	<0.500*	ug/L		0.50	1	1/14/2025	14:59
Vanadium	0.270*	ug/L		0.20	1	1/14/2025	14:59
Zinc	<5.00*	ug/L		5.00	1	1/14/2025	14:59

**ICP/OES Metals (Total)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2982-4-02

Batch Number: AB-250113-021

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	14:02
Calcium	69.2*	mg/L		5.00	5	1/15/2025	14:45
Iron	<0.100*	mg/L		0.10	1	1/15/2025	14:02
Magnesium	1.79*	mg/L		1.00	1	1/15/2025	14:02
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	14:02
Potassium	2.37*	mg/L		1.00	1	1/15/2025	14:02
Sodium	8.44*	mg/L		1.00	1	1/15/2025	14:02
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	14:02

# Analytical Results



Collector: Geological, Arkansas

Site: Stamps-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 16:55

Sample Barcode: 

Sample Number: 2024-2983

**Alkalinity as CaCO3**

Method: EPA 310.2 (Rev. 1974)

Analyst: JR

Aliquot #: 2024-2983-1-01

Batch Number: AB-241204-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	173	mg/L		6.00	1	12/4/2024 14:07

**Ammonia as N**

Method: SM 4500-NH3 H, 2021

Analyst: JR

Aliquot #: 2024-2983-1-02

Batch Number: AB-241204-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	12/4/2024 10:21

**Anions**

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst:

Aliquot #: 2024-2983-1-03

Batch Number: AB-241204-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	12/4/2024 20:41
Chloride	11.0*	mg/L		0.50	1	12/4/2024 20:41
Bromide	<0.10*	mg/L		0.10	1	12/4/2024 20:41
Sulfate	23.2*	mg/L		0.50	1	12/4/2024 20:41

**Nitrate +Nitrite as N**

Method: SM 4500-NO3 F, 2019

Analyst: JR

Aliquot #: 2024-2983-1-05

Batch Number: AB-241204-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	1.32	mg/L		0.05	1	12/4/2024 10:21

**Orthophosphate as P**

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2983-1-06

Batch Number: AB-241204-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	12/4/2024 10:21

# Analytical Results



Collector: Geological, Arkansas      Site: Stamps-01      Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 16:55

Sample Barcode: 

Sample Number: 2024-2983

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

Aliquot #: 2024-2983-1-07      Batch Number: AB-241209-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.55	None			1	12/2/2024 16:55

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

Aliquot #: 2024-2983-1-08      Batch Number: AB-241205-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	390	uS/cm		1.00	1	12/4/2024 11:04

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

Aliquot #: 2024-2983-1-09      Batch Number: AB-241205-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	227	mg/L		10.00	1	12/4/2024 16:00

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

Aliquot #: 2024-2983-1-10      Batch Number: AB-241209-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	13.1	°C			1	12/2/2024 16:55

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

Aliquot #: 2024-2983-1-11      Batch Number: AB-241205-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	29.8	mg/L		2.00	1	12/3/2024 15:30



# Analytical Results



Collector: Geological, Arkansas

Site: Stamps-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 16:55

Sample Barcode: 

Sample Number: 2024-2983

**Turbidity**

Method: EPA 180.1

Analyst:

Aliquot #: 2024-2983-1-12

Batch Number: AB-241204-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	10.0	NTU		0.05	1	12/4/2024 11:04

**Total Kjeldahl Nitrogen as N**

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

Analyst: JR

Aliquot #: 2024-2983-1-14

Batch Number: AB-241204-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	12/5/2024 9:35

**Total Phosphorus as P**

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2983-1-15

Batch Number: AB-241204-018

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	12/5/2024 9:35

**Dissolved Organic Carbon**

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2024-2983-2-01

Batch Number: AB-241204-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	12/5/2024 9:46

# Analytical Results



Collector: Geological, Arkansas

Site: Stamps-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 16:55

Sample Barcode: 

Sample Number: 2024-2983

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2983-3-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025	11:47
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025	11:47
Barium	28.6*	ug/L		1.00	1	1/17/2025	11:47
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025	11:47
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025	11:47
Chromium	<1.00*	ug/L		1.00	1	1/17/2025	11:47
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025	11:47
Copper	11.6*	ug/L		0.50	1	1/17/2025	11:47
Lead	0.666*	ug/L		0.50	1	1/17/2025	11:47
Nickel	10.7*	ug/L		0.50	1	1/17/2025	11:47
Selenium	<5.00*	ug/L		5.00	1	1/17/2025	11:47
Silver	<0.100*	ug/L		0.10	1	1/17/2025	11:47
Thallium	<0.500*	ug/L		0.50	1	1/17/2025	11:47
Vanadium	<0.200*	ug/L		0.20	1	1/17/2025	11:47
Zinc	177*	ug/L		5.00	1	1/17/2025	11:47

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2983-3-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025	12:53
Calcium	67.1*	mg/L		5.00	5	1/22/2025	14:07
Iron	<0.100*	mg/L		0.10	1	1/22/2025	12:53
Magnesium	5.06*	mg/L		1.00	1	1/22/2025	12:53
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025	12:53
Potassium	<1.00*	mg/L		1.00	1	1/22/2025	12:53
Sodium	8.55*	mg/L		1.00	1	1/22/2025	12:53
Hardness	188*	mg/L		1.00	1	1/22/2025	14:07
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025	12:53

# Analytical Results



Collector: Geological, Arkansas

Site: Stamps-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/2/2024 16:55

Sample Barcode: 

Sample Number: 2024-2983

**ICP/MS Metals (Total)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2983-4-01

Batch Number: AB-250114-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/14/2025	15:07
Arsenic	<1.00*	ug/L		1.00	1	1/14/2025	15:07
Barium	28.0*	ug/L		1.00	1	1/14/2025	15:07
Beryllium	<1.00*	ug/L		1.00	1	1/14/2025	15:07
Cadmium	<0.300*	ug/L		0.30	1	1/14/2025	15:07
Chromium	<1.00*	ug/L		1.00	1	1/14/2025	15:07
Cobalt	0.163*	ug/L		0.10	1	1/14/2025	15:07
Copper	18.7*	ug/L		0.50	1	1/14/2025	15:07
Lead	5.06*	ug/L		0.50	1	1/14/2025	15:07
Nickel	11.4*	ug/L		0.50	1	1/14/2025	15:07
Selenium	<5.00*	ug/L		5.00	1	1/14/2025	15:07
Silver	<0.100*	ug/L		0.10	1	1/14/2025	15:07
Thallium	<0.500*	ug/L		0.50	1	1/14/2025	15:07
Vanadium	<0.200*	ug/L		0.20	1	1/14/2025	15:07
Zinc	224*	ug/L		50.00	10	1/14/2025	15:07

**ICP/OES Metals (Total)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2983-4-02

Batch Number: AB-250113-021

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	14:05
Calcium	65.2*	mg/L		5.00	5	1/15/2025	14:52
Iron	0.290*	mg/L		0.10	1	1/15/2025	14:05
Magnesium	4.95*	mg/L		1.00	1	1/15/2025	14:05
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	14:05
Potassium	<1.00*	mg/L		1.00	1	1/15/2025	14:05
Sodium	8.56*	mg/L		1.00	1	1/15/2025	14:05
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	14:05

# Analytical Results



Collector: Geological, Arkansas      Site: KWH-1967-01      Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:42

Sample Barcode: 

Sample Number: 2024-2984

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

Aliquot #: 2024-2984-1-01      Batch Number: AB-241204-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	135	mg/L		6.00	1	12/4/2024 14:09

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

Aliquot #: 2024-2984-1-02      Batch Number: AB-241204-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	12/4/2024 10:22

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

Aliquot #: 2024-2984-1-03      Batch Number: AB-241204-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	12/4/2024 20:50
Chloride	4.73*	mg/L		0.50	1	12/4/2024 20:50
Bromide	<0.10*	mg/L		0.10	1	12/4/2024 20:50
Sulfate	13.2*	mg/L		0.50	1	12/4/2024 20:50

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

Aliquot #: 2024-2984-1-05      Batch Number: AB-241204-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.10	mg/L		0.25	5	12/4/2024 10:33

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

Aliquot #: 2024-2984-1-06      Batch Number: AB-241204-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.030	mg/L		0.02	1	12/4/2024 10:22

# Analytical Results



Collector: Geological, Arkansas

Site: KWH-1967-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:42

Sample Barcode: 

Sample Number: 2024-2984

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

Aliquot #: 2024-2984-1-07 Batch Number: AB-241209-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.01	None			1	12/3/2024 9:42

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

Aliquot #: 2024-2984-1-08 Batch Number: AB-241205-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	318	uS/cm		1.00	1	12/4/2024 13:11

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

Aliquot #: 2024-2984-1-09 Batch Number: AB-241205-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	191	mg/L		10.00	1	12/4/2024 16:00

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

Aliquot #: 2024-2984-1-10 Batch Number: AB-241209-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	5.10	°C			1	12/3/2024 9:42

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

Aliquot #: 2024-2984-1-11 Batch Number: AB-241205-005

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	12/3/2024 15:30

# Analytical Results



Collector: Geological, Arkansas

Site: KWH-1967-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:42

Sample Barcode: 

Sample Number: 2024-2984

**Turbidity**

Method: EPA 180.1

Analyst:

Aliquot #: 2024-2984-1-12

Batch Number: AB-241204-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	0.67	NTU		0.05	1	12/4/2024 13:11

**Total Kjeldahl Nitrogen as N**

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

Analyst: JR

Aliquot #: 2024-2984-1-14

Batch Number: AB-241204-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	12/5/2024 9:37

**Total Phosphorus as P**

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2984-1-15

Batch Number: AB-241204-018

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	12/5/2024 9:36

**Dissolved Organic Carbon**

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2024-2984-2-01

Batch Number: AB-241204-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	12/5/2024 10:01

# Analytical Results



Collector: Geological, Arkansas

Site: KWH-1967-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:42

Sample Barcode: 

Sample Number: 2024-2984

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2984-3-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025	11:51
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025	11:51
Barium	87.2*	ug/L		1.00	1	1/17/2025	11:51
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025	11:51
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025	11:51
Chromium	<1.00*	ug/L		1.00	1	1/17/2025	11:51
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025	11:51
Copper	15.9*	ug/L		0.50	1	1/17/2025	11:51
Lead	0.840*	ug/L		0.50	1	1/17/2025	11:51
Nickel	<0.500*	ug/L		0.50	1	1/17/2025	11:51
Selenium	<5.00*	ug/L		5.00	1	1/17/2025	11:51
Silver	<0.100*	ug/L		0.10	1	1/17/2025	11:51
Thallium	<0.500*	ug/L		0.50	1	1/17/2025	11:51
Vanadium	0.232*	ug/L		0.20	1	1/17/2025	11:51
Zinc	33.1*	ug/L		5.00	1	1/17/2025	11:51

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2984-3-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025	12:55
Calcium	54.0*	mg/L		5.00	5	1/22/2025	14:08
Iron	<0.100*	mg/L		0.10	1	1/22/2025	12:55
Magnesium	3.17*	mg/L		1.00	1	1/22/2025	12:55
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025	12:55
Potassium	5.24*	mg/L		1.00	1	1/22/2025	12:55
Sodium	4.64*	mg/L		1.00	1	1/22/2025	12:55
Hardness	148*	mg/L		1.00	1	1/22/2025	14:08
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025	12:55

# Analytical Results



Collector: Geological, Arkansas

Site: KWH-1967-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:42

Sample Barcode: 

Sample Number: 2024-2984

## ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2984-4-01

Batch Number: AB-250114-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/14/2025	15:11
Arsenic	<1.00*	ug/L		1.00	1	1/14/2025	15:11
Barium	84.9*	ug/L		1.00	1	1/14/2025	15:11
Beryllium	<1.00*	ug/L		1.00	1	1/14/2025	15:11
Cadmium	<0.300*	ug/L		0.30	1	1/14/2025	15:11
Chromium	<1.00*	ug/L		1.00	1	1/14/2025	15:11
Cobalt	<0.100*	ug/L		0.10	1	1/14/2025	15:11
Copper	17.3*	ug/L		0.50	1	1/14/2025	15:11
Lead	1.02*	ug/L		0.50	1	1/14/2025	15:11
Nickel	<0.500*	ug/L		0.50	1	1/14/2025	15:11
Selenium	<5.00*	ug/L		5.00	1	1/14/2025	15:11
Silver	<0.100*	ug/L		0.10	1	1/14/2025	15:11
Thallium	<0.500*	ug/L		0.50	1	1/14/2025	15:11
Vanadium	0.207*	ug/L		0.20	1	1/14/2025	15:11
Zinc	32.1*	ug/L		5.00	1	1/14/2025	15:11

## ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2984-4-02

Batch Number: AB-250113-021

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	14:07
Calcium	51.1*	mg/L		5.00	5	1/15/2025	14:53
Iron	<0.100*	mg/L		0.10	1	1/15/2025	14:07
Magnesium	3.04*	mg/L		1.00	1	1/15/2025	14:07
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	14:07
Potassium	4.97*	mg/L		1.00	1	1/15/2025	14:07
Sodium	4.52*	mg/L		1.00	1	1/15/2025	14:07
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	14:07



# Analytical Results



Collector: Geological, Arkansas

Site: DVP-12525-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:58

Sample Barcode: 

Sample Number: 2024-2985

**Alkalinity as CaCO3**

Method: EPA 310.2 (Rev. 1974)

Analyst: JR

Aliquot #: 2024-2985-1-01

Batch Number: AB-241204-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	163	mg/L		6.00	1	12/4/2024 14:10

**Ammonia as N**

Method: SM 4500-NH3 H, 2021

Analyst: JR

Aliquot #: 2024-2985-1-02

Batch Number: AB-241204-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	12/4/2024 10:23

**Anions**

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst:

Aliquot #: 2024-2985-1-03

Batch Number: AB-241204-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	12/4/2024 20:58
Chloride	6.83*	mg/L		0.50	1	12/4/2024 20:58
Bromide	<0.10*	mg/L		0.10	1	12/4/2024 20:58
Sulfate	13.9*	mg/L		0.50	1	12/4/2024 20:58

**Nitrate +Nitrite as N**

Method: SM 4500-NO3 F, 2019

Analyst: JR

Aliquot #: 2024-2985-1-05

Batch Number: AB-241204-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	0.14	mg/L		0.05	1	12/4/2024 10:23

**Orthophosphate as P**

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2985-1-06

Batch Number: AB-241204-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	12/4/2024 10:23

# Analytical Results



Collector: Geological, Arkansas

Site: DVP-12525-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:58

Sample Barcode: 

Sample Number: 2024-2985

<b>pH</b>	<b>Method: SM 4500-H+ B, 2021</b>			<b>Analyst: AGS</b>		
<b>Aliquot #: 2024-2985-1-07</b>	<b>Batch Number: AB-241209-006</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	7.56	None			1	12/3/2024 9:58

<b>Specific Conductance</b>	<b>Method: EPA 120.1, 1982</b>			<b>Analyst:</b>		
<b>Aliquot #: 2024-2985-1-08</b>	<b>Batch Number: AB-241205-002</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	336	uS/cm		1.00	1	12/4/2024 13:12

<b>Total Dissolved Solids</b>	<b>Method: SM 2540 C, 2020</b>			<b>Analyst: SD</b>		
<b>Aliquot #: 2024-2985-1-09</b>	<b>Batch Number: AB-241205-009</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	193	mg/L		10.00	1	12/4/2024 16:00

<b>Water Temperature</b>	<b>Method: SM 2550 B, 2000</b>			<b>Analyst: AGS</b>		
<b>Aliquot #: 2024-2985-1-10</b>	<b>Batch Number: AB-241209-007</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	7.90	°C	R		1	12/3/2024 9:58

<b>Total Suspended Solids</b>	<b>Method: SM 2540 D, 2020</b>			<b>Analyst: SD</b>		
<b>Aliquot #: 2024-2985-1-11</b>	<b>Batch Number: AB-241205-005</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	12/3/2024 15:30

# Analytical Results



Collector: Geological, Arkansas

Site: DVP-12525-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:58

Sample Barcode: 

Sample Number: 2024-2985

**Turbidity**

Method: EPA 180.1

Analyst:

Aliquot #: 2024-2985-1-12

Batch Number: AB-241204-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	1.05	NTU		0.05	1	12/4/2024 13:12

**Total Kjeldahl Nitrogen as N**

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

Analyst: JR

Aliquot #: 2024-2985-1-14

Batch Number: AB-241204-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	12/5/2024 9:39

**Total Phosphorus as P**

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2985-1-15

Batch Number: AB-241204-018

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	<0.02	mg/L		0.02	1	12/5/2024 9:39

**Dissolved Organic Carbon**

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2024-2985-2-01

Batch Number: AB-241204-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	12/5/2024 10:16

# Analytical Results



Collector: Geological, Arkansas

Site: DVP-12525-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:58

Sample Barcode: 

Sample Number: 2024-2985

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2985-3-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025 11:55	
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025 11:55	
Barium	26.9*	ug/L		1.00	1	1/17/2025 11:55	
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025 11:55	
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025 11:55	
Chromium	<1.00*	ug/L		1.00	1	1/17/2025 11:55	
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025 11:55	
Copper	2.55*	ug/L		0.50	1	1/17/2025 11:55	
Lead	<0.500*	ug/L		0.50	1	1/17/2025 11:55	
Nickel	2.82*	ug/L		0.50	1	1/17/2025 11:55	
Selenium	<5.00*	ug/L		5.00	1	1/17/2025 11:55	
Silver	<0.100*	ug/L		0.10	1	1/17/2025 11:55	
Thallium	<0.500*	ug/L		0.50	1	1/17/2025 11:55	
Vanadium	<0.200*	ug/L		0.20	1	1/17/2025 11:55	
Zinc	92.3*	ug/L		5.00	1	1/17/2025 11:55	

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2985-3-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025 12:56	
Calcium	62.2*	mg/L		5.00	5	1/22/2025 14:10	
Iron	<0.100*	mg/L		0.10	1	1/22/2025 12:56	
Magnesium	3.33*	mg/L		1.00	1	1/22/2025 12:56	
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025 12:56	
Potassium	<1.00*	mg/L		1.00	1	1/22/2025 12:56	
Sodium	4.69*	mg/L		1.00	1	1/22/2025 12:56	
Hardness	169*	mg/L		1.00	1	1/22/2025 14:10	
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025 12:56	

# Analytical Results



Collector: Geological, Arkansas

Site: DVP-12525-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 9:58

Sample Barcode: 

Sample Number: 2024-2985

**ICP/MS Metals (Total)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2985-4-01

Batch Number: AB-250114-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/14/2025	15:15
Arsenic	<1.00*	ug/L		1.00	1	1/14/2025	15:15
Barium	25.9*	ug/L		1.00	1	1/14/2025	15:15
Beryllium	<1.00*	ug/L		1.00	1	1/14/2025	15:15
Cadmium	<0.300*	ug/L		0.30	1	1/14/2025	15:15
Chromium	<1.00*	ug/L		1.00	1	1/14/2025	15:15
Cobalt	<0.100*	ug/L		0.10	1	1/14/2025	15:15
Copper	3.77*	ug/L		0.50	1	1/14/2025	15:15
Lead	<0.500*	ug/L	R	0.50	1	1/14/2025	15:15
Nickel	2.97*	ug/L		0.50	1	1/14/2025	15:15
Selenium	<5.00*	ug/L		5.00	1	1/14/2025	15:15
Silver	<0.100*	ug/L		0.10	1	1/14/2025	15:15
Thallium	<0.500*	ug/L		0.50	1	1/14/2025	15:15
Vanadium	<0.200*	ug/L		0.20	1	1/14/2025	15:15
Zinc	97.7*	ug/L		50.00	10	1/14/2025	15:15

**ICP/OES Metals (Total)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2985-4-02

Batch Number: AB-250113-021

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	14:12
Calcium	58.6*	mg/L		5.00	5	1/15/2025	14:55
Iron	<0.100*	mg/L		0.10	1	1/15/2025	14:12
Magnesium	3.16*	mg/L		1.00	1	1/15/2025	14:12
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	14:12
Potassium	<1.00*	mg/L		1.00	1	1/15/2025	14:12
Sodium	4.55*	mg/L		1.00	1	1/15/2025	14:12
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	14:12

# Analytical Results



Collector: Geological, Arkansas      Site: JW-1902-01      Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 10:52

Sample Barcode: 

Sample Number: 2024-2986

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

Aliquot #: 2024-2986-1-01      Batch Number: AB-241204-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	21.5	mg/L		6.00	1	12/4/2024 14:12

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

Aliquot #: 2024-2986-1-02      Batch Number: AB-241204-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	12/4/2024 10:26

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

Aliquot #: 2024-2986-1-03      Batch Number: AB-241204-024

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10*	mg/L		0.10	1	12/4/2024 21:14
Chloride	7.01*	mg/L		0.50	1	12/4/2024 21:14
Bromide	<0.10*	mg/L		0.10	1	12/4/2024 21:14
Sulfate	3.65*	mg/L		0.50	1	12/4/2024 21:14

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

Aliquot #: 2024-2986-1-05      Batch Number: AB-241204-009

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	5.30	mg/L		0.25	5	12/4/2024 10:34

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

Aliquot #: 2024-2986-1-06      Batch Number: AB-241204-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	<0.020	mg/L		0.02	1	12/4/2024 10:26

# Analytical Results



Collector: Geological, Arkansas

Site: JW-1902-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 10:52

Sample Barcode: 

Sample Number: 2024-2986

<b>pH</b>	<b>Method: SM 4500-H+ B, 2021</b>			<b>Analyst: AGS</b>		
<b>Aliquot #: 2024-2986-1-07</b>	<b>Batch Number: AB-241209-006</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.23	None			1	12/3/2024 10:52

<b>Specific Conductance</b>	<b>Method: EPA 120.1, 1982</b>			<b>Analyst:</b>		
<b>Aliquot #: 2024-2986-1-08</b>	<b>Batch Number: AB-241205-002</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	110	uS/cm		1.00	1	12/4/2024 13:14

<b>Total Dissolved Solids</b>	<b>Method: SM 2540 C, 2020</b>			<b>Analyst: SD</b>		
<b>Aliquot #: 2024-2986-1-09</b>	<b>Batch Number: AB-241205-009</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	84.5	mg/L		10.00	1	12/4/2024 16:00

<b>Water Temperature</b>	<b>Method: SM 2550 B, 2000</b>			<b>Analyst: AGS</b>		
<b>Aliquot #: 2024-2986-1-10</b>	<b>Batch Number: AB-241209-007</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	10.1	°C			1	12/3/2024 10:52

<b>Total Suspended Solids</b>	<b>Method: SM 2540 D, 2020</b>			<b>Analyst: SD</b>		
<b>Aliquot #: 2024-2986-1-11</b>	<b>Batch Number: AB-241205-005</b>					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	31.0	mg/L		2.00	1	12/3/2024 15:30

# Analytical Results



Collector: Geological, Arkansas

Site: JW-1902-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 10:52

Sample Barcode: 

Sample Number: 2024-2986

## Turbidity

Method: EPA 180.1

Analyst:

Aliquot #: 2024-2986-1-12

Batch Number: AB-241204-003

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	37.2	NTU		0.05	1	12/4/2024 13:14

## Total Kjeldahl Nitrogen as N

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

Analyst: JR

Aliquot #: 2024-2986-1-14

Batch Number: AB-241204-015

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	12/5/2024 9:44

## Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2986-1-15

Batch Number: AB-241204-018

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.07	mg/L		0.02	1	12/5/2024 9:43

## Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: SD

Aliquot #: 2024-2986-2-01

Batch Number: AB-241204-021

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	12/5/2024 10:44



# Analytical Results



Collector: Geological, Arkansas

Site: JW-1902-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 10:52

Sample Barcode: 

Sample Number: 2024-2986

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2986-3-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025	12:03
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025	12:03
Barium	70.0*	ug/L		1.00	1	1/17/2025	12:03
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025	12:03
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025	12:03
Chromium	<1.00*	ug/L		1.00	1	1/17/2025	12:03
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025	12:03
Copper	<0.500*	ug/L		0.50	1	1/17/2025	12:03
Lead	<0.500*	ug/L		0.50	1	1/17/2025	12:03
Nickel	0.910*	ug/L		0.50	1	1/17/2025	12:03
Selenium	<5.00*	ug/L		5.00	1	1/17/2025	12:03
Silver	<0.100*	ug/L		0.10	1	1/17/2025	12:03
Thallium	<0.500*	ug/L		0.50	1	1/17/2025	12:03
Vanadium	<0.200*	ug/L		0.20	1	1/17/2025	12:03
Zinc	7.35*	ug/L		5.00	1	1/17/2025	12:03

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2986-3-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025	13:00
Calcium	12.0*	mg/L		1.00	1	1/22/2025	13:00
Iron	<0.100*	mg/L		0.10	1	1/22/2025	13:00
Magnesium	1.56*	mg/L		1.00	1	1/22/2025	13:00
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025	13:00
Potassium	1.69*	mg/L		1.00	1	1/22/2025	13:00
Sodium	5.29*	mg/L		1.00	1	1/22/2025	13:00
Hardness	36.4*	mg/L		1.00	1	1/22/2025	13:00
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025	13:00

# Analytical Results



Collector: Geological, Arkansas

Site: JW-1902-01

Work Order Number: WO-241203-03

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 12/3/2024 10:52

Sample Barcode: 

Sample Number: 2024-2986

## ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2986-4-01

Batch Number: AB-250114-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/14/2025	15:23
Arsenic	<1.00*	ug/L		1.00	1	1/14/2025	15:23
Barium	65.3*	ug/L		1.00	1	1/14/2025	15:23
Beryllium	<1.00*	ug/L		1.00	1	1/14/2025	15:23
Cadmium	<0.300*	ug/L		0.30	1	1/14/2025	15:23
Chromium	<1.00*	ug/L		1.00	1	1/14/2025	15:23
Cobalt	0.392*	ug/L		0.10	1	1/14/2025	15:23
Copper	0.589*	ug/L		0.50	1	1/14/2025	15:23
Lead	0.530*	ug/L		0.50	1	1/14/2025	15:23
Nickel	1.06*	ug/L		0.50	1	1/14/2025	15:23
Selenium	<5.00*	ug/L		5.00	1	1/14/2025	15:23
Silver	<0.100*	ug/L		0.10	1	1/14/2025	15:23
Thallium	<0.500*	ug/L		0.50	1	1/14/2025	15:23
Vanadium	<0.200*	ug/L		0.20	1	1/14/2025	15:23
Zinc	6.47*	ug/L		5.00	1	1/14/2025	15:23

## ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2986-4-02

Batch Number: AB-250113-021

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	14:15
Calcium	11.4*	mg/L		1.00	1	1/15/2025	14:15
Iron	1.62*	mg/L		0.10	1	1/15/2025	14:15
Magnesium	1.49*	mg/L		1.00	1	1/15/2025	14:15
Manganese	0.0245*	mg/L		0.02	1	1/15/2025	14:15
Potassium	1.52*	mg/L		1.00	1	1/15/2025	14:15
Sodium	5.17*	mg/L		1.00	1	1/15/2025	14:15
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	14:15

# Analytical Results



Collector: Geological, Arkansas

Site: Metals Field Blank

Work Order Number: WO-241203-03

Sample Classification: Special

Project: EVT

Matrix: Water

Collected: 12/3/2024 15:00

Sample Barcode: 

Sample Number: 2024-2987

**ICP/MS Metals (Dissolved)**

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2987-1-01

Batch Number: AB-250117-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/17/2025	12:19
Arsenic	<1.00*	ug/L		1.00	1	1/17/2025	12:19
Barium	<1.00*	ug/L		1.00	1	1/17/2025	12:19
Beryllium	<1.00*	ug/L		1.00	1	1/17/2025	12:19
Cadmium	<0.300*	ug/L		0.30	1	1/17/2025	12:19
Chromium	<1.00*	ug/L		1.00	1	1/17/2025	12:19
Cobalt	<0.100*	ug/L		0.10	1	1/17/2025	12:19
Copper	<0.500*	ug/L		0.50	1	1/17/2025	12:19
Lead	<0.500*	ug/L		0.50	1	1/17/2025	12:19
Nickel	<0.500*	ug/L		0.50	1	1/17/2025	12:19
Selenium	<5.00*	ug/L		5.00	1	1/17/2025	12:19
Silver	<0.100*	ug/L		0.10	1	1/17/2025	12:19
Thallium	<0.500*	ug/L		0.50	1	1/17/2025	12:19
Vanadium	<0.200*	ug/L		0.20	1	1/17/2025	12:19
Zinc	<5.00*	ug/L		5.00	1	1/17/2025	12:19

**ICP/OES Metals (Dissolved)**

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2987-1-02

Batch Number: AB-250122-005

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/22/2025	13:04
Calcium	<1.00*	mg/L		1.00	1	1/22/2025	13:04
Iron	<0.100*	mg/L		0.10	1	1/22/2025	13:04
Magnesium	<1.00*	mg/L		1.00	1	1/22/2025	13:04
Manganese	<0.0200*	mg/L		0.02	1	1/22/2025	13:04
Potassium	<1.00*	mg/L		1.00	1	1/22/2025	13:04
Sodium	<1.00*	mg/L		1.00	1	1/22/2025	13:04
Hardness	<1.00*	mg/L		1.00	1	1/22/2025	13:04
Phosphorus	<1.00*	mg/L		1.00	1	1/22/2025	13:04

QUALITY CONTROL REPORT

Project: **EVT project Routine+Metals 2024 2982-2987**

Date and Time Received: 12/3/2024 15:08:00

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
<b>Ammonia as N</b>		<b>SM 4500-NH3 H, 2021</b>					<b>Batch #:</b>	<b>AB-241204-001</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<0.03	0.03	94.5 /	80-120		-		110.3 / 114.8	80-120	2.7	-		
<b>Turbidity</b>		<b>EPA 180.1</b>					<b>Batch #:</b>	<b>AB-241204-003</b>		<b>Parent Sample:</b>				
	NTU	<0.05	0.05	102.4 /	90-110		-		/	-		-		
<b>Orthophosphate as P</b>		<b>SM 4500-P G, 2021</b>					<b>Batch #:</b>	<b>AB-241204-006</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<0.02	0.02	96.5 /	80-120		-		93.9 / 95.4	80-120	1.4	-		
<b>Nitrate +Nitrite as N</b>		<b>SM 4500-NO3 F, 2019</b>					<b>Batch #:</b>	<b>AB-241204-009</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<0.05	0.05	97.7 /	80-120		-		98.0 / 99.3	80-120	1.0	-		
<b>Alkalinity as CaCO3</b>		<b>EPA 310.2 (Rev. 1974)</b>					<b>Batch #:</b>	<b>AB-241204-012</b>		<b>Parent Sample:</b>				
	mg/L	<6.00	6.00	94.9 /	90-110		-		/	-		-		
		<b>SM 4500-N(org) C, 2021</b>					<b>Batch #:</b>	<b>AB-241204-015</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<0.10	0.10	109.0 /	85-115		-		116.0 / 105.0	80-120	4.9	-		
		<b>SM 4500-P G, 2021</b>					<b>Batch #:</b>	<b>AB-241204-018</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<0.02	0.02	95.0 /	85-115		-		96.5 / 96.0	80-120	0.4	-		
		<b>SM 5310 C, 2014</b>					<b>Batch #:</b>	<b>AB-241204-021</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
	mg/L	<1.00	1,000.00	104.4 /	85-115		-		107.8 / 109.8	80-120	0.8	-		
<b>Anions</b>		<b>EPA 300.0 (Rev.2.1, 1993)</b>					<b>Batch #:</b>	<b>AB-241204-024</b>		<b>Parent Sample:</b>	<b>2024-2977</b>			
Br	mg/L	<0.10	0.10	90.3 /	90-110		-		102.3 / 101.9	80-120	0.4	-		
Cl	mg/L	<0.50	0.50	100.9 /	90-110		-		102.1 / 101.6	80-120	0.5	-		
F	mg/L	<0.10	0.10	99.5 /	90-110		-		102.0 / 99.4	80-120	2.2	-		
SO4	mg/L	<0.50	0.50	102.6 /	90-110		-		82.4 / 82.7	80-120	0.2	-		
<b>Specific Conductance</b>		<b>EPA 120.1, 1982</b>					<b>Batch #:</b>	<b>AB-241205-002</b>		<b>Parent Sample:</b>				
	uS/cm	<1.00	1.00	99.5 /	95-105		-		/	-		-		
<b>Total Suspended Solids</b>		<b>SM 2540 D, 2020</b>					<b>Batch #:</b>	<b>AB-241205-005</b>		<b>Parent Sample:</b>				
	mg/L	<2.00	2.00	93.0 /	90-110		-		/	-		-		
<b>Total Dissolved Solids</b>		<b>SM 2540 C, 2020</b>					<b>Batch #:</b>	<b>AB-241205-009</b>		<b>Parent Sample:</b>				
	mg/L	<10.0	10.00	99.5 /	90-110		-		/	-		-		
		<b>EPA 200.7</b>					<b>Batch #:</b>	<b>AB-250113-021</b>		<b>Parent Sample:</b>	<b>2024-2951</b>			
Al	mg/L	<0.100	0.10	95.0 /	85-115		-		96.0 / 97.0	70-130	1.0	-		

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ca	mg/L	<1.00	1.00	97.1 /	85-115	-	-	-	-	98.2 / 99.9	70-130	0.8	-	
Fe	mg/L	<0.100	0.10	96.1 /	85-115	-	-	-	-	96.1 / 97.2	70-130	1.0	-	
K	mg/L	<1.00	1.00	97.1 /	85-115	-	-	-	-	98.2 / 99.4	70-130	1.0	-	
Mg	mg/L	<1.00	1.00	97.5 /	85-115	-	-	-	-	98.1 / 99.5	70-130	1.0	-	
Mn	mg/L	<0.0200	0.02	93.9 /	85-115	-	-	-	-	93.3 / 94.7	70-130	0.8	-	
Na	mg/L	<1.00	1.00	97.9 /	85-115	-	-	-	-	99.1 / 100.7	70-130	1.1	-	
P	mg/L	<1.00	1.00	96.8 /	85-115	-	-	-	-	98.4 / 99.1	70-130	0.7	-	

**EPA 200.8 (Rev. 5.4, 1994)**

**Batch #: AB-250114-002**

**Parent Sample: 2024-2951**

Ag	ug/L	<0.100	0.10	85.9 /	85-115	-	-	-	-	86.5 / 86.4	70-130	0.1	-	
As	ug/L	<1.00	1.00	94.9 /	85-115	-	-	-	-	100.4 / 100.6	70-130	0.2	-	
Ba	ug/L	<1.00	1.00	89.4 /	85-115	-	-	-	-	90.6 / 91.3	70-130	0.6	-	
Be	ug/L	<1.00	1.00	92.2 /	85-115	-	-	-	-	96.8 / 98.9	70-130	2.2	-	
Cd	ug/L	<0.300	0.30	94.9 /	85-115	-	-	-	-	99.4 / 99.0	70-130	0.3	-	
Co	ug/L	<0.100	0.10	90.7 /	85-115	-	-	-	-	89.4 / 90.1	70-130	0.8	-	
Cr	ug/L	<1.00	1.00	93.9 /	85-115	-	-	-	-	92.2 / 93.0	70-130	0.9	-	
Cu	ug/L	<0.500	0.50	87.0 /	85-115	-	-	-	-	86.9 / 86.9	70-130	0.0	-	
Ni	ug/L	<0.500	0.50	88.9 /	85-115	-	-	-	-	87.8 / 88.1	70-130	0.3	-	
Pb	ug/L	<0.500	0.50	96.6 /	85-115	-	-	-	-	96.0 / 96.3	70-130	0.2	-	
Sb	ug/L	<2.00	2.00	97.6 /	85-115	-	-	-	-	101.1 / 101.0	70-130	0.1	-	
Se	ug/L	<5.00	5.00	95.1 /	85-115	-	-	-	-	106.1 / 107.0	70-130	0.8	-	
Tl	ug/L	<0.500	0.50	94.0 /	85-115	-	-	-	-	94.2 / 92.8	70-130	1.4	-	
V	ug/L	<0.200	0.20	91.3 /	85-115	-	-	-	-	90.5 / 91.2	70-130	0.8	-	
Zn	ug/L	<5.00	5.00	97.6 /	85-115	-	-	-	-	106.0 / 105.7	70-130	0.2	-	

**ICP/MS Metals (Dissolved)**

**EPA 200.8 (Rev. 5.4, 1994)**

**Batch #: AB-250117-001**

**Parent Sample: 2024-2926**

Ag	ug/L	<0.100	0.10	87.0 /	85-115	-	-	-	-	83.8 / 82.1	70-130	2.0	-	
As	ug/L	<1.00	1.00	96.6 /	85-115	-	-	-	-	94.4 / 92.5	70-130	1.8	-	
Ba	ug/L	<1.00	1.00	94.5 /	85-115	-	-	-	-	84.8 / 80.4	70-130	1.7	-	
Be	ug/L	<1.00	1.00	93.0 /	85-115	-	-	-	-	93.5 / 91.3	70-130	2.3	-	
Cd	ug/L	<0.300	0.30	96.1 /	85-115	-	-	-	-	95.6 / 93.3	70-130	2.3	-	
Co	ug/L	<0.100	0.10	89.7 /	85-115	-	-	-	-	85.4 / 83.3	70-130	2.3	-	
Cr	ug/L	<1.00	1.00	93.3 /	85-115	-	-	-	-	89.3 / 88.9	70-130	0.5	-	
Cu	ug/L	<0.500	0.50	86.7 /	85-115	-	-	-	-	82.4 / 80.6	70-130	2.1	-	
Ni	ug/L	<0.500	0.50	88.5 /	85-115	-	-	-	-	84.0 / 82.0	70-130	2.2	-	
Pb	ug/L	<0.500	0.50	97.6 /	85-115	-	-	-	-	94.3 / 93.0	70-130	1.0	-	
Sb	ug/L	<2.00	2.00	101.1 /	85-115	-	-	-	-	99.6 / 97.4	70-130	2.1	-	
Se	ug/L	<5.00	5.00	98.2 /	85-115	-	-	-	-	99.6 / 97.2	70-130	2.4	-	
Tl	ug/L	<0.500	0.50	94.4 /	85-115	-	-	-	-	92.5 / 91.1	70-130	1.5	-	
V	ug/L	<0.200	0.20	91.4 /	85-115	-	-	-	-	88.9 / 88.1	70-130	0.7	-	
Zn	ug/L	<5.00	5.00	97.6 /	85-115	-	-	-	-	95.4 / 93.7	70-130	1.7	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
<b>ICP/OES Metals (Dissolved)</b>		<b>EPA 200.7</b>					<b>Batch #:</b>	<b>AB-250122-005</b>		<b>Parent Sample:</b>		<b>2024-2926</b>		
Al	mg/L	<0.100	0.10	97.6 /	85-115		-			99.9 / 97.1	70-131	2.5	-	
Ca	mg/L	<1.00	1.00	103.1 /	85-115		-			99.0 / 100.8	70-131	0.5	-	
Fe	mg/L	<0.100	0.10	99.3 /	85-115		-			98.6 / 97.1	70-131	0.9	-	
K	mg/L	<1.00	1.00	101.7 /	85-115		-			102.5 / 101.2	70-131	0.9	-	
Mg	mg/L	<1.00	1.00	103.2 /	85-115		-			103.7 / 102.6	70-131	0.6	-	
Mn	mg/L	<0.0200	0.02	101.9 /	85-115		-			101.0 / 100.7	70-131	0.1	-	
Na	mg/L	<1.00	1.00	101.6 /	85-115		-			102.8 / 101.4	70-131	1.0	-	
P	mg/L	<1.00	1.00	98.2 /	85-115		-			99.5 / 97.5	70-131	2.0	-	

**FIELD QUALITY CONTROL REPORT**

**Work Order #**      **WO-241203-03**

**Parent Sample**    **2024-2982**

<b>Analyte(s)</b>	<b>Parent Sample Result</b>	<b>Field Dup Result</b>	<b>Units</b>	<b>% RPD</b>	<b>Limits</b>	<b>Batch Number</b>
<b>Aliquot #</b>	AB-241204-001 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-241204-001
<b>Aliquot #</b>	AB-241204-001 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-241204-001
<b>Aliquot #</b>	AB-241204-003 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-12		
Turbidity		1.66	NTU	2.97	0 - 20	AB-241204-003
<b>Aliquot #</b>	AB-241204-003 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-12		
Turbidity		0.88	NTU	17.62	0 - 20	AB-241204-003
<b>Aliquot #</b>	AB-241204-006 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-06		
Orthophosphate as Phosphorus		0.03	mg/L	1.80	0 - 20	AB-241204-006
<b>Aliquot #</b>	AB-241204-006 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-06		
Orthophosphate as Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-241204-006
<b>Aliquot #</b>	AB-241204-009 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-05		
Nitrite+Nitrate as Nitrogen		4.51	mg/L	0.22	0 - 20	AB-241204-009
<b>Aliquot #</b>	AB-241204-009 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-05		
Nitrite+Nitrate as Nitrogen		0.07	mg/L	72.12	0 - 20	AB-241204-009
<b>Aliquot #</b>	AB-241204-012 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-01		
Alkalinity		180	mg/L	1.12	0 - 20	AB-241204-012
<b>Aliquot #</b>	AB-241204-012 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-01		
Alkalinity		165	mg/L	1.22	0 - 20	AB-241204-012
<b>Aliquot #</b>	AB-241204-015 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-14		
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-241204-015
<b>Aliquot #</b>	AB-241204-015 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-14		
Total Kjeldahl Nitrogen		<0.10	mg/L	0.00	0 - 20	AB-241204-015
<b>Aliquot #</b>	AB-241204-018 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-1-15		
Total Phosphorus		0.02	mg/L	7.57	0 - 20	AB-241204-018
<b>Aliquot #</b>	AB-241204-018 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-1-15		
Total Phosphorus		<0.02	mg/L	0.00	0 - 20	AB-241204-018
<b>Aliquot #</b>	AB-241204-021 Dup - Field 3		<b>Parent Aliquot #</b>	2024-2982-2-01		
Dissolved Organic Carbon		<1.00	mg/L	12.14	0 - 20	AB-241204-021
<b>Aliquot #</b>	AB-241204-021 Dup - Field 4		<b>Parent Aliquot #</b>	2024-2985-2-01		

Dissolved Organic Carbon	<1.00	mg/L	0.82	0 - 20	AB-241204-021
<b>Aliquot #</b>	AB-241204-024 Dup - Field 3				<b>Parent Aliquot #</b> 2024-2982-1-03
Fluoride	<0.10	mg/L	0.00	0 - 20	AB-241204-024
Chloride	6.74	mg/L	1.26	0 - 20	AB-241204-024
Bromide	19.0	mg/L	193.52	0 - 20	AB-241204-024
Sulfate	14.0	mg/L	2.09	0 - 20	AB-241204-024
<b>Aliquot #</b>	AB-241204-024 Dup - Field 4				<b>Parent Aliquot #</b> 2024-2985-1-03
Fluoride	<0.10	mg/L	0.00	0 - 20	AB-241204-024
Chloride	6.91	mg/L	1.18	0 - 20	AB-241204-024
Bromide	<0.10	mg/L	0.00	0 - 20	AB-241204-024
Sulfate	13.9	mg/L	0.24	0 - 20	AB-241204-024
<b>Aliquot #</b>	AB-241205-002 Dup - Field 3				<b>Parent Aliquot #</b> 2024-2982-1-08
Specific Conductance	394	uS/cm	1.79	0 - 20	AB-241205-002
<b>Aliquot #</b>	AB-241205-002 Dup - Field 4				<b>Parent Aliquot #</b> 2024-2985-1-08
Specific Conductance	335	uS/cm	0.30	0 - 20	AB-241205-002
<b>Aliquot #</b>	AB-241205-005 Dup - Field 3				<b>Parent Aliquot #</b> 2024-2982-1-11
Total Suspended Solids	<2.00	mg/L	0.00	0 - 5	AB-241205-005
<b>Aliquot #</b>	AB-241205-005 Dup - Field 4				<b>Parent Aliquot #</b> 2024-2985-1-11
Total Suspended Solids	<2.00	mg/L	0.00	0 - 5	AB-241205-005
<b>Aliquot #</b>	AB-241205-009 Dup - Field 3				<b>Parent Aliquot #</b> 2024-2982-1-09
Total Dissolved Solids	232	mg/L	2.98	0 - 5	AB-241205-009
<b>Aliquot #</b>	AB-241205-009 Dup - Field 4				<b>Parent Aliquot #</b> 2024-2985-1-09
Total Dissolved Solids	196	mg/L	1.54	0 - 5	AB-241205-009
<b>Aliquot #</b>	AB-241209-006 Dup - Field 1				<b>Parent Aliquot #</b> 2024-2982-1-07
pH	7.30	units	0.00	0 - 20	AB-241209-006
<b>Aliquot #</b>	AB-241209-006 Dup - Field 2				<b>Parent Aliquot #</b> 2024-2985-1-07
pH	7.56	units	0.00	0 - 20	AB-241209-006
<b>Aliquot #</b>	AB-241209-007 Dup - Field 1				<b>Parent Aliquot #</b> 2024-2982-1-10
Water Temperature	14.4	°C	0.00	0 - 20	AB-241209-007
<b>Aliquot #</b>	AB-241209-007 Dup - Field 2				<b>Parent Aliquot #</b> 2024-2985-1-10
Water Temperature	7.90	°C	0.00	0 - 20	AB-241209-007
<b>Aliquot #</b>	AB-250113-021 Dup - Field 4				<b>Parent Aliquot #</b> 2024-2982-4-02
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250113-021
Calcium	69.5	mg/L	0.30	0 - 20	AB-250113-021
Iron	<0.100	mg/L	0.00	0 - 20	AB-250113-021
Magnesium	1.79	mg/L	0.22	0 - 20	AB-250113-021
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250113-021
Potassium	2.35	mg/L	0.80	0 - 20	AB-250113-021
Sodium	8.41	mg/L	0.37	0 - 20	AB-250113-021



Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250113-021
<b>Aliquot #</b>	<b>AB-250113-021 Dup - Field 5</b>					<b>Parent Aliquot #</b> 2024-2985-4-02
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-250113-021
Calcium		59.8	mg/L	1.90	0 - 20	AB-250113-021
Iron		<0.100	mg/L	0.00	0 - 20	AB-250113-021
Magnesium		3.28	mg/L	3.50	0 - 20	AB-250113-021
Manganese		<0.0200	mg/L	0.00	0 - 20	AB-250113-021
Potassium		<1.00	mg/L	0.00	0 - 20	AB-250113-021
Sodium		4.64	mg/L	1.94	0 - 20	AB-250113-021
Phosphorus		<1.00	mg/L	0.00	0 - 20	AB-250113-021
<b>Aliquot #</b>	<b>AB-250114-002 Dup - Field 4</b>					<b>Parent Aliquot #</b> 2024-2982-4-01
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250114-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Barium		41.5	ug/L	0.28	0 - 20	AB-250114-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250114-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250114-002
Copper		2.55	ug/L	1.65	0 - 20	AB-250114-002
Lead		<0.500	ug/L	0.00	0 - 20	AB-250114-002
Nickel		<0.500	ug/L	0.00	0 - 20	AB-250114-002
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250114-002
Silver		<0.100	ug/L	0.00	0 - 20	AB-250114-002
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250114-002
Vanadium		0.276	ug/L	2.24	0 - 20	AB-250114-002
Zinc		<5.00	ug/L	0.00	0 - 20	AB-250114-002
<b>Aliquot #</b>	<b>AB-250114-002 Dup - Field 5</b>					<b>Parent Aliquot #</b> 2024-2985-4-01
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250114-002
Arsenic		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Barium		25.3	ug/L	2.43	0 - 20	AB-250114-002
Beryllium		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Cadmium		<0.300	ug/L	0.00	0 - 20	AB-250114-002
Chromium		<1.00	ug/L	0.00	0 - 20	AB-250114-002
Cobalt		<0.100	ug/L	0.00	0 - 20	AB-250114-002
Copper		4.28	ug/L	12.78	0 - 20	AB-250114-002
Lead		0.529	ug/L	26.66	0 - 20	AB-250114-002
Nickel		2.99	ug/L	0.65	0 - 20	AB-250114-002
Selenium		<5.00	ug/L	0.00	0 - 20	AB-250114-002
Silver		<0.100	ug/L	0.00	0 - 20	AB-250114-002
Thallium		<0.500	ug/L	0.00	0 - 20	AB-250114-002
Vanadium		<0.200	ug/L	0.00	0 - 20	AB-250114-002
Zinc		114	ug/L	0.00	0 - 20	AB-250114-002
<b>Aliquot #</b>	<b>AB-250117-001 Dup - Field 5</b>					<b>Parent Aliquot #</b> 2024-2982-3-01
Antimony		<2.00	ug/L	0.00	0 - 20	AB-250117-001

Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Barium	42.2	ug/L	2.04	0 - 20	AB-250117-001
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250117-001
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250117-001
Copper	2.27	ug/L	0.98	0 - 20	AB-250117-001
Lead	<0.500	ug/L	0.00	0 - 20	AB-250117-001
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250117-001
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250117-001
Silver	<0.100	ug/L	0.00	0 - 20	AB-250117-001
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250117-001
Vanadium	0.280	ug/L	7.25	0 - 20	AB-250117-001
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250117-001

Aliquot #	AB-250117-001 Dup - Field 6	Parent Aliquot #	2024-2985-3-01		
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250117-001
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Barium	25.5	ug/L	5.09	0 - 20	AB-250117-001
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250117-001
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250117-001
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250117-001
Copper	2.56	ug/L	0.30	0 - 20	AB-250117-001
Lead	<0.500	ug/L	0.00	0 - 20	AB-250117-001
Nickel	2.78	ug/L	1.49	0 - 20	AB-250117-001
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250117-001
Silver	<0.100	ug/L	0.00	0 - 20	AB-250117-001
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250117-001
Vanadium	<0.200	ug/L	0.00	0 - 20	AB-250117-001
Zinc	87.7	ug/L	5.10	0 - 20	AB-250117-001

Aliquot #	AB-250122-005 Dup - Field 5	Parent Aliquot #	2024-2982-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250122-005
Calcium	71.9	mg/L	2.51	0 - 20	AB-250122-005
Iron	<0.100	mg/L	0.00	0 - 20	AB-250122-005
Magnesium	1.84	mg/L	2.34	0 - 20	AB-250122-005
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250122-005
Potassium	2.49	mg/L	3.29	0 - 20	AB-250122-005
Sodium	8.48	mg/L	2.73	0 - 20	AB-250122-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250122-005

Aliquot #	AB-250122-005 Dup - Field 6	Parent Aliquot #	2024-2985-3-02		
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250122-005
Calcium	62.6	mg/L	0.61	0 - 20	AB-250122-005
Iron	<0.100	mg/L	0.00	0 - 20	AB-250122-005
Magnesium	3.37	mg/L	1.32	0 - 20	AB-250122-005

Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250122-005
Potassium	<1.00	mg/L	0.00	0 - 20	AB-250122-005
Sodium	4.65	mg/L	0.77	0 - 20	AB-250122-005
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250122-005