

Analytical Results



Lab Contact Info:

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Collector: Geological, Arkansas

Project: EVT

Project Description: Eco Vista Tontitown Routine+Metals 2024 2865-2868

Date and Time Received: 11/19/2024 15:37:00

Work Order Number: WO-241119-04

Case Narrative:

1537

Sample Receipt Conditions:

Condition	Response	Comment
Is the COC completed properly?	Yes	
Temperature on Receipt	4.2°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: HmSp-2 **Work Order Number: WO-241119-04**

Sample Classification: Routine Monitoring Project: EVT
 Matrix: Water Collected: 11/19/2024 8:41
 Sample Barcode: Sample Number: 2024-2865

Alkalinity as CaCO3 **Method: EPA 310.2 (Rev. 1974)** **Analyst: JR**
Aliquot #: 2024-2865-1-01 **Batch Number: AB-241120-017**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	121	mg/L		6.00	1	11/20/2024 8:52

Ammonia as N **Method: SM 4500-NH3 H, 2021** **Analyst: JR**
Aliquot #: 2024-2865-1-02 **Batch Number: AB-241119-004**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/19/2024 16:26

Anions **Method: EPA 300.0 (Rev.2.1, 1993)** **Analyst:**
Aliquot #: 2024-2865-1-03 **Batch Number: AB-241120-032**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/20/2024 22:30
Chloride	7.56	mg/L		0.50	1	11/20/2024 22:30
Bromide	<0.10	mg/L		0.10	1	11/20/2024 22:30
Sulfate	12.4	mg/L		0.50	1	11/20/2024 22:30

Orthophosphate as P **Method: SM 4500-P G, 2021** **Analyst: JR**
Aliquot #: 2024-2865-1-05 **Batch Number: AB-241120-007**

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.030	mg/L		0.02	1	11/19/2024 16:26

Analytical Results



Collector: Geological, Arkansas Site: HmSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 8:41

Sample Barcode: 

Sample Number: 2024-2865

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

Aliquot #: 2024-2865-1-06 Batch Number: AB-241120-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	6.15	mg/L		0.25	5	11/19/2024 4:42

Specific Conductance Method: EPA 120.1, 1982 Analyst: CAC

Aliquot #: 2024-2865-1-07 Batch Number: AB-241119-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	315	uS/cm		1.00	1	11/19/2024 17:23

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

Aliquot #: 2024-2865-1-08 Batch Number: AB-241127-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.71	None			1	11/19/2024 8:41

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

Aliquot #: 2024-2865-1-09 Batch Number: AB-241127-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	15.5	°C			1	11/19/2024 8:41

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

Aliquot #: 2024-2865-1-10 Batch Number: AB-241122-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	180	mg/L		10.00	1	11/20/2024 14:40

Analytical Results



Collector: Geological, Arkansas

Site: HmSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 8:41

Sample Barcode: 

Sample Number: 2024-2865

Total Suspended Solids

Method: SM 2540 D, 2020

Analyst:

Aliquot #: 2024-2865-1-11

Batch Number: AB-241122-001

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	11/19/2024 16:00

Turbidity

Method: EPA 180.1

Analyst: CAC

Aliquot #: 2024-2865-1-12

Batch Number: AB-241119-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	2.76	NTU		0.05	1	11/19/2024 17:23

Total Kjeldahl Nitrogen as N

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

Analyst: JR

Aliquot #: 2024-2865-1-14

Batch Number: AB-241120-022

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	0.75	mg/L		0.10	1	11/21/2024 9:33
Total Nitrogen from Lachat	6.90	mg/L		0.50	5	11/21/2024 9:33

Total Phosphorus as P

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2865-1-15

Batch Number: AB-241120-027

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.03	mg/L		0.02	1	11/21/2024 9:32

Dissolved Organic Carbon

Method: SM 5310 C, 2014

Analyst: CAC

Aliquot #: 2024-2865-2-01

Batch Number: AB-241120-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/20/2024 14:18

Analytical Results



Collector: Geological, Arkansas

Site: HmSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 8:41

Sample Barcode: 

Sample Number: 2024-2865

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2865-3-01

Batch Number: AB-241217-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	12/17/2024	11:50
Arsenic	<1.00*	ug/L		1.00	1	12/17/2024	11:50
Barium	58.7*	ug/L		1.00	1	12/17/2024	11:50
Beryllium	<1.00*	ug/L		1.00	1	12/17/2024	11:50
Cadmium	<0.300*	ug/L		0.30	1	12/17/2024	11:50
Chromium	<1.00*	ug/L		1.00	1	12/17/2024	11:50
Cobalt	<0.100*	ug/L		0.10	1	12/17/2024	11:50
Copper	<0.500*	ug/L		0.50	1	12/17/2024	11:50
Lead	<0.500*	ug/L		0.50	1	12/17/2024	11:50
Nickel	<0.500*	ug/L		0.50	1	12/17/2024	11:50
Selenium	<5.00*	ug/L		5.00	1	12/17/2024	11:50
Silver	<0.100*	ug/L		0.10	1	12/17/2024	11:50
Thallium	<0.500*	ug/L		0.50	1	12/17/2024	11:50
Vanadium	0.279*	ug/L		0.20	1	12/17/2024	11:50
Zinc	<5.00*	ug/L		5.00	1	12/17/2024	11:50

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2865-3-02

Batch Number: AB-241216-038

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/23/2024	11:21
Calcium	49.4	mg/L		1.00	1	12/23/2024	11:21
Iron	<0.100	mg/L		0.10	1	12/23/2024	11:21
Magnesium	2.00	mg/L		1.00	1	12/23/2024	11:21
Manganese	<0.0200	mg/L		0.02	1	12/23/2024	11:21
Potassium	2.82	mg/L		1.00	1	12/23/2024	11:21
Sodium	8.07	mg/L		1.00	1	12/23/2024	11:21
Hardness	132	mg/L		1.00	1	12/23/2024	11:21
Phosphorus	<1.00	mg/L		1.00	1	12/23/2024	11:21

Analytical Results



Collector: Geological, Arkansas

Site: HmSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 8:41

Sample Barcode: 

Sample Number: 2024-2865

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2865-4-01

Batch Number: AB-250108-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/8/2025 16:42	
Arsenic	<1.00*	ug/L		1.00	1	1/8/2025 16:42	
Barium	57.6*	ug/L		1.00	1	1/8/2025 16:42	
Beryllium	<1.00*	ug/L		1.00	1	1/8/2025 16:42	
Cadmium	<0.300*	ug/L		0.30	1	1/8/2025 16:42	
Chromium	<1.00*	ug/L		1.00	1	1/8/2025 16:42	
Cobalt	<0.100*	ug/L		0.10	1	1/8/2025 16:42	
Copper	<0.500*	ug/L		0.50	1	1/8/2025 16:42	
Lead	<0.500*	ug/L		0.50	1	1/8/2025 16:42	
Nickel	<0.500*	ug/L		0.50	1	1/8/2025 16:42	
Selenium	<5.00*	ug/L		5.00	1	1/8/2025 16:42	
Silver	<0.100*	ug/L		0.10	1	1/8/2025 16:42	
Thallium	<0.500*	ug/L		0.50	1	1/8/2025 16:42	
Vanadium	0.227*	ug/L		0.20	1	1/8/2025 16:42	
Zinc	9.82*	ug/L		5.00	1	1/8/2025 16:42	

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2865-4-02

Batch Number: AB-250113-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025 11:33	
Calcium	51.2*	mg/L		5.00	5	1/15/2025 14:31	
Iron	<0.100*	mg/L		0.10	1	1/15/2025 11:33	
Magnesium	2.05*	mg/L		1.00	1	1/15/2025 11:33	
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025 11:33	
Potassium	2.86*	mg/L		1.00	1	1/15/2025 11:33	
Sodium	8.47*	mg/L		1.00	1	1/15/2025 11:33	
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025 11:33	

Analytical Results



Collector: Geological, Arkansas

Site: HfSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:25

Sample Barcode: 

Sample Number: 2024-2866

Alkalinity as CaCO3

Method: EPA 310.2 (Rev. 1974)

Analyst: JR

Aliquot #: 2024-2866-1-01

Batch Number: AB-241120-017

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	107	mg/L		6.00	1	11/20/2024 8:53

Ammonia as N

Method: SM 4500-NH3 H, 2021

Analyst: JR

Aliquot #: 2024-2866-1-02

Batch Number: AB-241119-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/19/2024 16:27

Anions

Method: EPA 300.0 (Rev.2.1, 1993)

Analyst:

Aliquot #: 2024-2866-1-03

Batch Number: AB-241120-032

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	<0.10	mg/L		0.10	1	11/20/2024 22:38
Chloride	6.38	mg/L		0.50	1	11/20/2024 22:38
Bromide	<0.10	mg/L		0.10	1	11/20/2024 22:38
Sulfate	10.5	mg/L		0.50	1	11/20/2024 22:38

Orthophosphate as P

Method: SM 4500-P G, 2021

Analyst: JR

Aliquot #: 2024-2866-1-05

Batch Number: AB-241120-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.044	mg/L		0.02	1	11/19/2024 16:27

Nitrate +Nitrite as N

Method: SM 4500-NO3 F, 2019

Analyst: JR

Aliquot #: 2024-2866-1-06

Batch Number: AB-241120-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	4.86	mg/L		0.25	5	11/19/2024 16:43

Analytical Results



Collector: Geological, Arkansas Site: HfSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:25

Sample Barcode: 

Sample Number: 2024-2866

Specific Conductance		Method: EPA 120.1, 1982			Analyst: CAC		
Aliquot #: 2024-2866-1-07		Batch Number: AB-241119-007					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Specific Conductance	272	uS/cm		1.00	1	11/19/2024 17:25	

pH		Method: SM 4500-H+ B, 2021			Analyst: AGS		
Aliquot #: 2024-2866-1-08		Batch Number: AB-241127-028					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
pH	6.67	None			1	11/19/2024 9:25	

Water Temperature		Method: SM 2550 B, 2000			Analyst: AGS		
Aliquot #: 2024-2866-1-09		Batch Number: AB-241127-029					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Water Temperature	16.1	°C			1	11/19/2024 9:25	

Total Dissolved Solids		Method: SM 2540 C, 2020			Analyst:		
Aliquot #: 2024-2866-1-10		Batch Number: AB-241122-007					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Dissolved Solids	160	mg/L		10.00	1	11/20/2024 14:40	

Total Suspended Solids		Method: SM 2540 D, 2020			Analyst:		
Aliquot #: 2024-2866-1-11		Batch Number: AB-241122-001					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Suspended Solids	<2.00	mg/L		2.00	1	11/19/2024 16:00	

Analytical Results



Collector: Geological, Arkansas Site: HfSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:25

Sample Barcode: 

Sample Number: 2024-2866

Turbidity		Method: EPA 180.1			Analyst: CAC		
Aliquot #: 2024-2866-1-12		Batch Number: AB-241119-006					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Turbidity	2.29	NTU		0.05	1	11/19/2024 17:25	

Total Kjeldahl Nitrogen as N		Method: SM 4500-N(org) C, 2021			Analyst: JR		
Aliquot #: 2024-2866-1-14		Batch Number: AB-241120-022					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Kjeldahl Nitrogen	0.14	mg/L		0.10	1	11/21/2024 9:39	
Total Nitrogen from Lachat	4.99	mg/L		0.50	5	11/21/2024 9:39	

Total Phosphorus as P		Method: SM 4500-P G, 2021			Analyst: JR		
Aliquot #: 2024-2866-1-15		Batch Number: AB-241120-027					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Total Phosphorus	0.05	mg/L		0.02	1	11/21/2024 9:36	

Dissolved Organic Carbon		Method: SM 5310 C, 2014			Analyst: CAC		
Aliquot #: 2024-2866-2-01		Batch Number: AB-241120-002					
Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time	
Dissolved Organic Carbon	1.04	mg/L		1.00	1	11/20/2024 14:33	

Analytical Results



Collector: Geological, Arkansas

Site: HfSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:25

Sample Barcode: 

Sample Number: 2024-2866

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2866-3-01

Batch Number: AB-241217-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	12/17/2024	11:54
Arsenic	<1.00*	ug/L		1.00	1	12/17/2024	11:54
Barium	44.9*	ug/L		1.00	1	12/17/2024	11:54
Beryllium	<1.00*	ug/L		1.00	1	12/17/2024	11:54
Cadmium	<0.300*	ug/L		0.30	1	12/17/2024	11:54
Chromium	<1.00*	ug/L		1.00	1	12/17/2024	11:54
Cobalt	<0.100*	ug/L		0.10	1	12/17/2024	11:54
Copper	<0.500*	ug/L		0.50	1	12/17/2024	11:54
Lead	<0.500*	ug/L		0.50	1	12/17/2024	11:54
Nickel	<0.500*	ug/L		0.50	1	12/17/2024	11:54
Selenium	<5.00*	ug/L		5.00	1	12/17/2024	11:54
Silver	<0.100*	ug/L		0.10	1	12/17/2024	11:54
Thallium	<0.500*	ug/L		0.50	1	12/17/2024	11:54
Vanadium	0.297*	ug/L		0.20	1	12/17/2024	11:54
Zinc	<5.00*	ug/L		5.00	1	12/17/2024	11:54

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2866-3-02

Batch Number: AB-241216-038

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/23/2024	11:23
Calcium	45.0	mg/L		1.00	1	12/23/2024	11:23
Iron	<0.100	mg/L		0.10	1	12/23/2024	11:23
Magnesium	1.65	mg/L		1.00	1	12/23/2024	11:23
Manganese	<0.0200	mg/L		0.02	1	12/23/2024	11:23
Potassium	2.31	mg/L		1.00	1	12/23/2024	11:23
Sodium	6.11	mg/L		1.00	1	12/23/2024	11:23
Hardness	119	mg/L		1.00	1	12/23/2024	11:23
Phosphorus	<1.00	mg/L		1.00	1	12/23/2024	11:23

Analytical Results



Collector: Geological, Arkansas

Site: HfSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:25

Sample Barcode: 

Sample Number: 2024-2866

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2866-4-01

Batch Number: AB-250108-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/8/2025	16:46
Arsenic	<1.00*	ug/L		1.00	1	1/8/2025	16:46
Barium	43.9*	ug/L		1.00	1	1/8/2025	16:46
Beryllium	<1.00*	ug/L		1.00	1	1/8/2025	16:46
Cadmium	<0.300*	ug/L		0.30	1	1/8/2025	16:46
Chromium	<1.00*	ug/L		1.00	1	1/8/2025	16:46
Cobalt	<0.100*	ug/L		0.10	1	1/8/2025	16:46
Copper	0.636*	ug/L	R	0.50	1	1/8/2025	16:46
Lead	<0.500*	ug/L		0.50	1	1/8/2025	16:46
Nickel	<0.500*	ug/L		0.50	1	1/8/2025	16:46
Selenium	<5.00*	ug/L		5.00	1	1/8/2025	16:46
Silver	<0.100*	ug/L		0.10	1	1/8/2025	16:46
Thallium	<0.500*	ug/L		0.50	1	1/8/2025	16:46
Vanadium	0.297*	ug/L		0.20	1	1/8/2025	16:46
Zinc	<5.00*	ug/L		5.00	1	1/8/2025	16:46

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2866-4-02

Batch Number: AB-250113-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100*	mg/L		0.10	1	1/15/2025	11:38
Calcium	45.3*	mg/L		1.00	1	1/15/2025	11:38
Iron	<0.100*	mg/L		0.10	1	1/15/2025	11:38
Magnesium	1.68*	mg/L		1.00	1	1/15/2025	11:38
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	11:38
Potassium	2.29*	mg/L		1.00	1	1/15/2025	11:38
Sodium	6.37*	mg/L		1.00	1	1/15/2025	11:38
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	11:38

Analytical Results



Collector: Geological, Arkansas Site: GHSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:58

Sample Barcode: 

Sample Number: 2024-2867

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

Aliquot #: 2024-2867-1-01 Batch Number: AB-241120-017

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Alkalinity	174	mg/L		6.00	1	11/20/2024 8:55

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

Aliquot #: 2024-2867-1-02 Batch Number: AB-241119-004

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Ammonia as Nitrogen	<0.030	mg/L		0.03	1	11/19/2024 16:29

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

Aliquot #: 2024-2867-1-03 Batch Number: AB-241120-032

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Fluoride	0.23	mg/L		0.10	1	11/20/2024 22:54
Chloride	11.4	mg/L		0.50	1	11/20/2024 22:54
Bromide	<0.10	mg/L		0.10	1	11/20/2024 22:54
Sulfate	14.9	mg/L		0.50	1	11/20/2024 22:54

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

Aliquot #: 2024-2867-1-05 Batch Number: AB-241120-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Orthophosphate as Phosphorus	0.022	mg/L		0.02	1	11/19/2024 16:29

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

Aliquot #: 2024-2867-1-06 Batch Number: AB-241120-012

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Nitrite+Nitrate as Nitrogen	3.09	mg/L		0.05	1	11/19/2024 16:29

Analytical Results



Collector: Geological, Arkansas Site: GHSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:58

Sample Barcode: 

Sample Number: 2024-2867

Specific Conductance Method: EPA 120.1, 1982 Analyst: CAC

Aliquot #: 2024-2867-1-07 Batch Number: AB-241119-007

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Specific Conductance	403	uS/cm		1.00	1	11/19/2024 17:27

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

Aliquot #: 2024-2867-1-08 Batch Number: AB-241127-028

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
pH	6.91	None			1	11/19/2024 9:58

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

Aliquot #: 2024-2867-1-09 Batch Number: AB-241127-029

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Water Temperature	17.4	°C			1	11/19/2024 9:58

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

Aliquot #: 2024-2867-1-10 Batch Number: AB-241122-008

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Dissolved Solids	229	mg/L		10.00	1	11/20/2024 14:40

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

Aliquot #: 2024-2867-1-11 Batch Number: AB-241122-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Suspended Solids	<2.00	mg/L		2.00	1	11/19/2024 16:00

Analytical Results



Collector: Geological, Arkansas Site: GHSp-2 Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:58

Sample Barcode: 

Sample Number: 2024-2867

Turbidity Method: EPA 180.1 Analyst: CAC

Aliquot #: 2024-2867-1-12 Batch Number: AB-241119-006

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Turbidity	3.35	NTU		0.05	1	11/19/2024 17:27

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

Aliquot #: 2024-2867-1-14 Batch Number: AB-241120-022

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Kjeldahl Nitrogen	<0.10	mg/L		0.10	1	11/21/2024 9:41
Total Nitrogen from Lachat	2.98	mg/L		0.10	1	11/21/2024 9:41

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

Aliquot #: 2024-2867-1-15 Batch Number: AB-241120-027

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Total Phosphorus	0.02	mg/L		0.02	1	11/21/2024 9:41

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

Aliquot #: 2024-2867-2-01 Batch Number: AB-241120-002

Analyte(s)	Result	Units	Q	Reporting Limit	Dilution	Analysis Date and Time
Dissolved Organic Carbon	<1.00	mg/L		1.00	1	11/20/2024 15:30

Analytical Results



Collector: Geological, Arkansas

Site: GHSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:58

Sample Barcode: 

Sample Number: 2024-2867

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2867-3-01

Batch Number: AB-241217-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	12/17/2024	12:02
Arsenic	<1.00*	ug/L		1.00	1	12/17/2024	12:02
Barium	47.1*	ug/L		1.00	1	12/17/2024	12:02
Beryllium	<1.00*	ug/L		1.00	1	12/17/2024	12:02
Cadmium	<0.300*	ug/L		0.30	1	12/17/2024	12:02
Chromium	<1.00*	ug/L		1.00	1	12/17/2024	12:02
Cobalt	<0.100*	ug/L		0.10	1	12/17/2024	12:02
Copper	<0.500*	ug/L		0.50	1	12/17/2024	12:02
Lead	<0.500*	ug/L		0.50	1	12/17/2024	12:02
Nickel	0.505*	ug/L		0.50	1	12/17/2024	12:02
Selenium	<5.00*	ug/L		5.00	1	12/17/2024	12:02
Silver	<0.100*	ug/L		0.10	1	12/17/2024	12:02
Thallium	<0.500*	ug/L		0.50	1	12/17/2024	12:02
Vanadium	0.647*	ug/L		0.20	1	12/17/2024	12:02
Zinc	5.52*	ug/L		5.00	1	12/17/2024	12:02

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2867-3-02

Batch Number: AB-241216-038

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/23/2024	11:26
Calcium	63.5	mg/L		5.00	5	12/23/2024	13:25
Iron	<0.100	mg/L		0.10	1	12/23/2024	11:26
Magnesium	2.13	mg/L		1.00	1	12/23/2024	11:26
Manganese	<0.0200	mg/L		0.02	1	12/23/2024	11:26
Potassium	2.28	mg/L		1.00	1	12/23/2024	11:26
Sodium	16.5	mg/L		1.00	1	12/23/2024	11:26
Hardness	167	mg/L		1.00	1	12/23/2024	13:25
Phosphorus	<1.00	mg/L		1.00	1	12/23/2024	11:26

Analytical Results



Collector: Geological, Arkansas

Site: GHSp-2

Work Order Number: WO-241119-04

Sample Classification: Routine Monitoring

Project: EVT

Matrix: Water

Collected: 11/19/2024 9:58

Sample Barcode: 

Sample Number: 2024-2867

ICP/MS Metals (Total)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2867-4-01

Batch Number: AB-250108-006

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	1/8/2025	16:54
Arsenic	<1.00*	ug/L		1.00	1	1/8/2025	16:54
Barium	47.1*	ug/L		1.00	1	1/8/2025	16:54
Beryllium	<1.00*	ug/L		1.00	1	1/8/2025	16:54
Cadmium	<0.300*	ug/L		0.30	1	1/8/2025	16:54
Chromium	<1.00*	ug/L		1.00	1	1/8/2025	16:54
Cobalt	<0.100*	ug/L		0.10	1	1/8/2025	16:54
Copper	<0.500*	ug/L		0.50	1	1/8/2025	16:54
Lead	<0.500*	ug/L		0.50	1	1/8/2025	16:54
Nickel	0.596*	ug/L		0.50	1	1/8/2025	16:54
Selenium	<5.00*	ug/L		5.00	1	1/8/2025	16:54
Silver	<0.100*	ug/L		0.10	1	1/8/2025	16:54
Thallium	<0.500*	ug/L		0.50	1	1/8/2025	16:54
Vanadium	0.636*	ug/L		0.20	1	1/8/2025	16:54
Zinc	5.44*	ug/L		5.00	1	1/8/2025	16:54

ICP/OES Metals (Total)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2867-4-02

Batch Number: AB-250113-002

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	0.137*	mg/L		0.10	1	1/15/2025	11:41
Calcium	64.6*	mg/L		5.00	5	1/15/2025	14:32
Iron	<0.100*	mg/L		0.10	1	1/15/2025	11:41
Magnesium	2.22*	mg/L		1.00	1	1/15/2025	11:41
Manganese	<0.0200*	mg/L		0.02	1	1/15/2025	11:41
Potassium	2.25*	mg/L		1.00	1	1/15/2025	11:41
Sodium	17.5*	mg/L		1.00	1	1/15/2025	11:41
Phosphorus	<1.00*	mg/L		1.00	1	1/15/2025	11:41

Analytical Results



Collector: Geological, Arkansas

Site: Metals Field Blank

Work Order Number: WO-241119-04

Sample Classification: Special

Project: EVT

Matrix: Water

Collected: 11/19/2024 15:28

Sample Barcode: 

Sample Number: 2024-2868

ICP/MS Metals (Dissolved)

Method: EPA 200.8 (Rev. 5.4, 1994)

Analyst: PH

Aliquot #: 2024-2868-1-01

Batch Number: AB-241217-001

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Antimony	<2.00*	ug/L		2.00	1	12/17/2024	12:06
Arsenic	<1.00*	ug/L		1.00	1	12/17/2024	12:06
Barium	<1.00*	ug/L		1.00	1	12/17/2024	12:06
Beryllium	<1.00*	ug/L		1.00	1	12/17/2024	12:06
Cadmium	<0.300*	ug/L		0.30	1	12/17/2024	12:06
Chromium	<1.00*	ug/L		1.00	1	12/17/2024	12:06
Cobalt	<0.100*	ug/L		0.10	1	12/17/2024	12:06
Copper	<0.500*	ug/L		0.50	1	12/17/2024	12:06
Lead	<0.500*	ug/L		0.50	1	12/17/2024	12:06
Nickel	<0.500*	ug/L		0.50	1	12/17/2024	12:06
Selenium	<5.00*	ug/L		5.00	1	12/17/2024	12:06
Silver	<0.100*	ug/L		0.10	1	12/17/2024	12:06
Thallium	<0.500*	ug/L		0.50	1	12/17/2024	12:06
Vanadium	<0.200*	ug/L		0.20	1	12/17/2024	12:06
Zinc	<5.00*	ug/L		5.00	1	12/17/2024	12:06

ICP/OES Metals (Dissolved)

Method: EPA 200.7

Analyst: PH

Aliquot #: 2024-2868-1-02

Batch Number: AB-241216-038

Analyte(s)	Result	Units	Q	Reporting		Analysis	
				Limit	Dilution	Date and Time	
Aluminum	<0.100	mg/L		0.10	1	12/23/2024	11:28
Calcium	<1.00	mg/L		1.00	1	12/23/2024	11:28
Iron	<0.100	mg/L		0.10	1	12/23/2024	11:28
Magnesium	<1.00	mg/L		1.00	1	12/23/2024	11:28
Manganese	<0.0200	mg/L		0.02	1	12/23/2024	11:28
Potassium	<1.00	mg/L		1.00	1	12/23/2024	11:28
Sodium	<1.00	mg/L		1.00	1	12/23/2024	11:28
Hardness	<1.00	mg/L		1.00	1	12/23/2024	11:28
Phosphorus	<1.00	mg/L		1.00	1	12/23/2024	11:28

QUALITY CONTROL REPORT

Project: Eco Vista Tontitown Routine+Metals 2024 2865-2868

Date and Time Received: 11/19/2024 15:37:00

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Ammonia as N		SM 4500-NH3 H, 2021					Batch #:	AB-241119-004		Parent Sample:	2024-2850			
	mg/L	<0.03	0.03	97.2 /	80-120		-			100.7 / 102.6	80-120	1.8	-	
Turbidity		EPA 180.1					Batch #:	AB-241119-006		Parent Sample:				
	NTU	<0.05	0.05	100.0 /	90-110		-		/	-			-	
Specific Conductance		EPA 120.1, 1982					Batch #:	AB-241119-007		Parent Sample:				
	uS/cm	<1.00	1.00	100.4 /	95-105		-		/	-			-	
		SM 5310 C, 2014					Batch #:	AB-241120-002		Parent Sample:	2024-2851			
	mg/L	<1.00	1,000.00	99.8 /	85-115		-			97.4 / 99.4	80-120	0.9	-	
Orthophosphate as P		SM 4500-P G, 2021					Batch #:	AB-241120-007		Parent Sample:	2024-2850			
	mg/L	<0.02	0.02	98.0 /	80-120		-			96.7 / 97.7	80-120	1.0	-	
Nitrate +Nitrite as N		SM 4500-NO3 F, 2019					Batch #:	AB-241120-012		Parent Sample:	2024-2850			
	mg/L	<0.05	0.05	99.5 /	80-120		-			105.0 / 105.0	80-120	0.0	-	
Alkalinity as CaCO3		EPA 310.2 (Rev. 1974)					Batch #:	AB-241120-017		Parent Sample:				
	mg/L	<6.00	6.00	95.5 /	90-110		-		/	-			-	
		SM 4500-N(org) C, 2021					Batch #:	AB-241120-022		Parent Sample:	2024-2850			
	mg/L	<0.10	0.10	104.0 /	85-115		-			0.5 / -0.3	80-120	7.4	-	
		SM 4500-P G, 2021					Batch #:	AB-241120-027		Parent Sample:	2024-2850			
	mg/L	<0.02	0.02	97.5 /	85-115		-			2.7 / 1.9	80-120	0.0	-	
Anions		EPA 300.0 (Rev.2.1, 1993)					Batch #:	AB-241120-032		Parent Sample:	2024-2850			
Br	mg/L	<0.10	0.10	90.7 /	90-110		-			122.7 / 122.7	80-120	17.5	-	
Cl	mg/L	<0.50	0.50	100.2 /	90-110		-			100.6 / 101.1	80-120	0.6	-	
F	mg/L	<0.10	0.10	98.9 /	90-110		-			96.2 / 94.6	80-120	1.5	-	
SO4	mg/L	<0.50	0.50	101.8 /	90-110		-			79.5 / 80.6	80-120	1.9	-	
Total Suspended Solids		SM 2540 D, 2020					Batch #:	AB-241122-001		Parent Sample:				
	mg/L	<2.00	2.00	96.0 /	90-110		-		/	-			-	
Total Suspended Solids		SM 2540 D, 2020					Batch #:	AB-241122-002		Parent Sample:				
	mg/L	<2.00	2.00	94.8 /	90-110		-		/	-			-	
Total Dissolved Solids		SM 2540 C, 2020					Batch #:	AB-241122-007		Parent Sample:				
	mg/L	<10.0	10.00	97.0 /	90-110		-		/	-			-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Total Dissolved Solids		SM 2540 C, 2020					Batch #:	AB-241122-008			Parent Sample:			
	mg/L	<10.0	10.00	97.5 /	90-110			-		/	-		-	
ICP/OES Metals (Dissolved)		EPA 200.7					Batch #:	AB-241216-038			Parent Sample:	2024-2851		
Al	mg/L	<0.100	0.10	96.2 /	85-115			-		96.1 / 94.4	70-131	1.8	-	
Ca	mg/L	<1.00	1.00	102.2 /	85-115			-		101.9 / 99.8	70-131	1.7	-	
Fe	mg/L	<0.100	0.10	101.5 /	85-115			-		101.3 / 99.1	70-131	2.1	-	
K	mg/L	<1.00	1.00	97.9 /	85-115			-		96.7 / 94.3	70-131	2.2	-	
Mg	mg/L	<1.00	1.00	101.1 /	85-115			-		101.1 / 99.0	70-131	2.0	-	
Mn	mg/L	<0.0200	0.02	100.4 /	85-115			-		100.1 / 98.2	70-131	1.9	-	
Na	mg/L	<1.00	1.00	99.4 /	85-115			-		100.0 / 97.7	70-131	1.9	-	
P	mg/L	<1.00	1.00	104.0 /	85-115			-		104.3 / 102.1	70-131	2.1	-	
ICP/MS Metals (Dissolved)		EPA 200.8 (Rev. 5.4, 1994)					Batch #:	AB-241217-001			Parent Sample:	2024-2851		
Ag	ug/L	<0.100	0.10	91.4 /	85-115			-		89.9 / 89.9	70-130	0.0	-	
As	ug/L	<1.00	1.00	100.0 /	85-115			-		97.9 / 96.2	70-130	1.7	-	
Ba	ug/L	<1.00	1.00	99.0 /	85-115			-		5.5 / 5.4	70-130	0.0	-	
Be	ug/L	<1.00	1.00	101.0 /	85-115			-		100.7 / 99.5	70-130	1.3	-	
Cd	ug/L	<0.300	0.30	100.2 /	85-115			-		100.9 / 99.0	70-130	1.9	-	
Co	ug/L	<0.100	0.10	93.6 /	85-115			-		90.6 / 90.2	70-130	0.4	-	
Cr	ug/L	<1.00	1.00	98.4 /	85-115			-		95.6 / 95.0	70-130	0.7	-	
Cu	ug/L	<0.500	0.50	91.3 /	85-115			-		84.5 / 83.7	70-130	0.8	-	
Ni	ug/L	<0.500	0.50	93.5 /	85-115			-		88.3 / 87.5	70-130	0.8	-	
Pb	ug/L	<0.500	0.50	101.0 /	85-115			-		99.6 / 100.4	70-130	0.7	-	
Sb	ug/L	<2.00	2.00	104.5 /	85-115			-		103.4 / 102.1	70-130	1.2	-	
Se	ug/L	<5.00	5.00	102.4 /	85-115			-		103.7 / 102.6	70-130	1.1	-	
Tl	ug/L	<0.500	0.50	99.8 /	85-115			-		96.2 / 96.3	70-130	0.0	-	
V	ug/L	<0.200	0.20	96.9 /	85-115			-		70.0 / 69.4	70-130	0.7	-	
Zn	ug/L	<5.00	5.00	101.4 /	85-115			-		83.2 / 81.8	70-130	1.2	-	
		EPA 200.8 (Rev. 5.4, 1994)					Batch #:	AB-250108-006			Parent Sample:	2024-2861		
Ag	ug/L	<0.100	0.10	86.5 /	85-115			-		83.8 / 84.5	70-130	0.8	-	
As	ug/L	<1.00	1.00	93.9 /	85-115			-		99.3 / 99.0	70-130	0.3	-	
Ba	ug/L	<1.00	1.00	91.8 /	85-115			-		86.0 / 85.5	70-130	0.4	-	
Be	ug/L	<1.00	1.00	97.1 /	85-115			-		101.5 / 97.7	70-130	3.9	-	
Cd	ug/L	<0.300	0.30	95.7 /	85-115			-		98.5 / 98.8	70-130	0.3	-	
Co	ug/L	<0.100	0.10	89.6 /	85-115			-		88.2 / 88.0	70-130	0.3	-	
Cr	ug/L	<1.00	1.00	92.4 /	85-115			-		92.4 / 90.9	70-130	1.5	-	
Cu	ug/L	<0.500	0.50	87.4 /	85-115			-		85.6 / 86.2	70-130	0.6	-	
Ni	ug/L	<0.500	0.50	88.4 /	85-115			-		86.6 / 86.8	70-130	0.2	-	
Pb	ug/L	<0.500	0.50	96.0 /	85-115			-		96.1 / 97.4	70-130	1.2	-	

Analyte	Units	Method Blank	Reporting Limit	% Recovery LCS/LCSD	Limits	% RPD	Lab Dup Result	Limits	% RPD	% Recovery MS/MSD	Limits	% RPD	Limits	Qualifiers
Sb	ug/L	<2.00	2.00	97.0 /	85-115		-			97.9 / 97.5	70-130	0.3	-	
Se	ug/L	<5.00	5.00	96.3 /	85-115		-			106.3 / 105.7	70-130	0.5	-	
Tl	ug/L	<0.500	0.50	93.6 /	85-115		-			92.9 / 92.8	70-130	0.2	-	
V	ug/L	<0.200	0.20	90.9 /	85-115		-			91.4 / 90.5	70-130	0.9	-	
Zn	ug/L	<5.00	5.00	96.2 /	85-115		-			103.2 / 104.1	70-130	0.8	-	

EPA 200.7

Batch #: AB-250113-002

Parent Sample: 2024-2861

Al	mg/L	<0.100	0.10	97.3 /	85-115		-			100.0 / 100.8	70-130	0.7	-	
Ca	mg/L	<1.00	1.00	99.6 /	85-115		-			101.5 / 102.0	70-130	0.2	-	
Fe	mg/L	<0.100	0.10	98.9 /	85-115		-			99.6 / 100.0	70-130	0.2	-	
K	mg/L	<1.00	1.00	98.4 /	85-115		-			100.1 / 100.5	70-130	0.3	-	
Mg	mg/L	<1.00	1.00	100.4 /	85-115		-			101.6 / 101.9	70-130	0.2	-	
Mn	mg/L	<0.0200	0.02	96.6 /	85-115		-			96.8 / 97.2	70-130	0.3	-	
Na	mg/L	<1.00	1.00	100.6 /	85-115		-			103.7 / 104.2	70-130	0.2	-	
P	mg/L	<1.00	1.00	99.7 /	85-115		-			102.6 / 103.0	70-130	0.4	-	

FIELD QUALITY CONTROL REPORT

Work Order # **WO-241119-04**

Parent Sample **2024-2866**

Analyte(s)	Parent Sample Result	Field Dup Result	Units	% RPD	Limits	Batch Number
Aliquot #	AB-241119-004 Dup - Field 4		Parent Aliquot #	2024-2866-1-02		
Ammonia as Nitrogen		<0.03	mg/L	0.00	0 - 20	AB-241119-004
Aliquot #	AB-241119-006 Dup - Field 3		Parent Aliquot #	2024-2866-1-12		
Turbidity		2.39	NTU	4.27	0 - 20	AB-241119-006
Aliquot #	AB-241119-007 Dup - Field 3		Parent Aliquot #	2024-2866-1-07		
Specific Conductance		272	uS/cm	0.00	0 - 20	AB-241119-007
Aliquot #	AB-241120-002 Dup - Field 3		Parent Aliquot #	2024-2866-2-01		
Dissolved Organic Carbon		1.06	mg/L	1.90	0 - 20	AB-241120-002
Aliquot #	AB-241120-007 Dup - Field 4		Parent Aliquot #	2024-2866-1-05		
Orthophosphate as Phosphorus		0.04	mg/L	1.84	0 - 20	AB-241120-007
Aliquot #	AB-241120-012 Dup - Field 4		Parent Aliquot #	2024-2866-1-06		
Nitrite+Nitrate as Nitrogen		4.74	mg/L	2.29	0 - 20	AB-241120-012
Aliquot #	AB-241120-017 Dup - Field 4		Parent Aliquot #	2024-2866-1-01		
Alkalinity		107	mg/L	0.00	0 - 20	AB-241120-017
Aliquot #	AB-241120-022 Dup - Field 4		Parent Aliquot #	2024-2866-1-14		
Total Kjeldahl Nitrogen		0.76	mg/L	139.33	0 - 20	AB-241120-022
Aliquot #	AB-241120-027 Dup - Field 4		Parent Aliquot #	2024-2866-1-15		
Total Phosphorus		0.04	mg/L	5.45	0 - 20	AB-241120-027
Aliquot #	AB-241120-032 Dup - Field 4		Parent Aliquot #	2024-2866-1-03		
Fluoride		<0.10	mg/L	0.00	0 - 20	AB-241120-032
Chloride		6.32	mg/L	0.95	0 - 20	AB-241120-032
Bromide		<0.10	mg/L	0.00	0 - 20	AB-241120-032
Sulfate		10.5	mg/L	0.03	0 - 20	AB-241120-032
Aliquot #	AB-241122-001 Dup - Field 4		Parent Aliquot #	2024-2866-1-11		
Total Suspended Solids		<2.00	mg/L	0.00	0 - 5	AB-241122-001
Aliquot #	AB-241122-007 Dup - Field 4		Parent Aliquot #	2024-2866-1-10		
Total Dissolved Solids		156	mg/L	3.16	0 - 5	AB-241122-007
Aliquot #	AB-241127-028 Dup - Field 1		Parent Aliquot #	2024-2866-1-08		
pH		6.67	units	0.00	0 - 20	AB-241127-028
Aliquot #	AB-241216-038 Dup - Field 3		Parent Aliquot #	2024-2866-3-02		
Aluminum		<0.100	mg/L	0.00	0 - 20	AB-241216-038
Calcium		44.3	mg/L	1.49	0 - 20	AB-241216-038

Iron	<0.100	mg/L	0.00	0 - 20	AB-241216-038
Magnesium	1.61	mg/L	2.37	0 - 20	AB-241216-038
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-241216-038
Potassium	2.26	mg/L	2.30	0 - 20	AB-241216-038
Sodium	6.04	mg/L	1.13	0 - 20	AB-241216-038
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-241216-038

Aliquot #	AB-241217-001 Dup - Field 3		Parent Aliquot #	2024-2866-3-01	
Antimony	<2.00	ug/L	0.00	0 - 20	AB-241217-001
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-241217-001
Barium	44.4	ug/L	1.00	0 - 20	AB-241217-001
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-241217-001
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-241217-001
Chromium	<1.00	ug/L	0.00	0 - 20	AB-241217-001
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-241217-001
Copper	<0.500	ug/L	0.00	0 - 20	AB-241217-001
Lead	<0.500	ug/L	0.00	0 - 20	AB-241217-001
Nickel	<0.500	ug/L	0.00	0 - 20	AB-241217-001
Selenium	<5.00	ug/L	0.00	0 - 20	AB-241217-001
Silver	<0.100	ug/L	0.00	0 - 20	AB-241217-001
Thallium	<0.500	ug/L	0.00	0 - 20	AB-241217-001
Vanadium	0.322	ug/L	8.23	0 - 20	AB-241217-001
Zinc	<5.00	ug/L	0.00	0 - 20	AB-241217-001

Aliquot #	AB-250108-006 Dup - Field 2		Parent Aliquot #	2024-2866-4-01	
Antimony	<2.00	ug/L	0.00	0 - 20	AB-250108-006
Arsenic	<1.00	ug/L	0.00	0 - 20	AB-250108-006
Barium	43.7	ug/L	0.38	0 - 20	AB-250108-006
Beryllium	<1.00	ug/L	0.00	0 - 20	AB-250108-006
Cadmium	<0.300	ug/L	0.00	0 - 20	AB-250108-006
Chromium	<1.00	ug/L	0.00	0 - 20	AB-250108-006
Cobalt	<0.100	ug/L	0.00	0 - 20	AB-250108-006
Copper	<0.500	ug/L	27.68	0 - 20	AB-250108-006
Lead	<0.500	ug/L	0.00	0 - 20	AB-250108-006
Nickel	<0.500	ug/L	0.00	0 - 20	AB-250108-006
Selenium	<5.00	ug/L	0.00	0 - 20	AB-250108-006
Silver	<0.100	ug/L	0.00	0 - 20	AB-250108-006
Thallium	<0.500	ug/L	0.00	0 - 20	AB-250108-006
Vanadium	0.288	ug/L	3.00	0 - 20	AB-250108-006
Zinc	<5.00	ug/L	0.00	0 - 20	AB-250108-006

Aliquot #	AB-250113-002 Dup - Field 2		Parent Aliquot #	2024-2866-4-02	
Aluminum	<0.100	mg/L	0.00	0 - 20	AB-250113-002
Calcium	44.8	mg/L	1.11	0 - 20	AB-250113-002
Iron	<0.100	mg/L	0.00	0 - 20	AB-250113-002
Magnesium	1.66	mg/L	1.62	0 - 20	AB-250113-002
Manganese	<0.0200	mg/L	0.00	0 - 20	AB-250113-002

Potassium	2.20	mg/L	4.12	0 - 20	AB-250113-002
Sodium	6.31	mg/L	1.08	0 - 20	AB-250113-002
Phosphorus	<1.00	mg/L	0.00	0 - 20	AB-250113-002