Dominion Energy Services, Inc.
120 Tredegar Street, Richmond, VA 23219
DominionEnergy.com

BY ELECTRONIC MAIL

July 11, 2025

Mr. Jim Datko
Virginia Department of Environmental Quality – Northern Regional Office
Attn: Division of Land Protection and Revitalization
13901 Crown Court
Woodbridge, Virginia 22193
james.datko@deq.virginia.gov

RE: Possum Point Power Station, Solid Waste Permit No. 617: 2025 2nd Quarter Surface Water Monitoring Report

Dear Mr. Datko:

In accordance with Solid Waste Permit No. 617 Module XVIII.F.1, Virginia Electric and Power Company d/b/a Dominion Energy Virginia (Dominion Energy) is submitting the 2025 second quarter Surface Water Monitoring Report for the Possum Point Power Station. Second quarter surface water samples were collected April 29-30, 2025, and a resampling event was conducted on May 29, 2025. Analytical laboratory results were received on May 12, 2025, and results from the resampling event were received on June 17, 2025. A summary of this quarter's monitoring is provided in the attached report prepared by EnviroScience, Inc.

If you have any questions regarding this submittal, please contact Kelly Hicks at (804) 273-4903 or via email at kelly.a.hicks@dominionenergy.com.

Sincerely,

Dennis A. Slade
Manager, Environmental

Attachment

SURFACE WATER MONITORING REPORT – 2ND QUARTER, 2025

Dominion Energy
Possum Point Power Station
Dumfries, Virginia

VDEQ Solid Waste Permit No. 617

Prepared for:

Virginia Electric and Power Company
(d/b/a Dominion Energy Virginia)
120 Tredegar Street
Richmond, Virginia 23219

ES Project No.: 24-1300
Date: 7/11/2025

Prepared by:

EnviroScience
Excellence In Any Environment
1100 Athens Ave., Suite F
Richmond, VA 23227
800-940-4025
www.EnviroScienceInc.com

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Certification of Results

As a representative of Dominion Energy Virginia, the undersigned certifies, to the best of their knowledge, that the information and analytical results contained within this document and its appendices are true and accurate.

07/11/2025

Jason S. Williams — Date
Director Possum Point Power Station

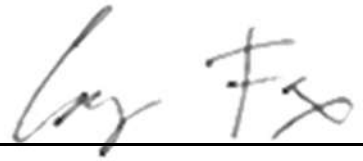
Possum Point Power Station
Surface Water Monitoring Report 2Q2025
Document Date: 7/11/2025
ES Project No.: 24-1300

Prepared for:
Dominion Energy
Virginia

Authorization for Release

The analyses, opinions, and conclusions in this document are based entirely on EnviroScience's unbiased, professional judgement. EnviroScience's compensation is not in any way contingent on any action or event resulting from this study.

The undersigned attest, to the best of their knowledge, that this document and the information contained herein is accurate and conforms to EnviroScience's internal Quality Assurance standards.



Cory Fox
Lead Field Scientist

David Czayka
Project Manager

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1.0 INTRODUCTION

Virginia Electric and Power Company d/b/a Dominion Energy Virginia (Dominion Energy) operates the Possum Point Power Station, located on Possum Point Rd. in Dumfries, Virginia. The station, situated on the west bank of the Potomac River, burned coal until 2003, but no longer uses coal as a fuel source. Sluiced coal combustion residuals (CCRs) produced during past operations are managed in five on-site surface impoundments: Ponds A, B, and C; Pond D; and Pond E. The impoundments were constructed at various points in time from 1955 to 1988. Ponds A, B, C, and E have been closed by removal and planning has begun for Pond D closure by removal.

Permit Module XVIII of Possum Point Power Station's Solid Waste Facility Permit (Permit No. 617) describes surface monitoring requirements for near-shore waters of the tidal Potomac River and near-shore waters of a backwater formed at the confluence of Quantico Creek (hereafter referred to simply as Quantico Creek), with the objective of detecting potential surface water impacts that may be occurring due to potential groundwater / surface water exchange downgradient of the active and inactive impoundments. To address the requirements set out in Permit Module XVIII, Dominion Energy submitted a Surface Water Monitoring Plan (SWMP) for Possum Point Power Station to the Virginia Department of Environmental Quality (VDEQ), dated August 2019 and revised May 2020 (EA Engineering, Science, and Technology, Inc., 2020).

Dominion Energy retained EnviroScience, Inc. (EnviroScience) to provide field sampling and reporting services associated with the requirements set out under Permit Module XVIII. This Surface Water Monitoring Report summarizes activities undertaken and presents the results for the second quarter of 2025, in accordance with the SWMP as preliminarily approved by VDEQ via e-mail on January 16, 2020.

2.0 SUMMARY OF FIELD ACTIVITIES

All field activities were conducted by EnviroScience personnel. Surface water samples were collected from the Potomac River and Quantico Creek at designated locations proximal to Possum Point Power Station on April 29 and 30, 2025; and May 29, 2025. Sampling took place under fair weather conditions with temperatures ranging from 65-81° F, light to moderate winds, and sunny to partly cloudy skies. Resampling was conducted at PP-01, QC-02, and QC-01 on May 29, 2025, and analyzed for total chromium, chromium III, and chromium VI due to chromium VI samples from April 30 analyzed beyond hold time. All samples were collected within two hours of low tide, as forecast by National Oceanic and Atmospheric Administration (NOAA) tide station 8634689 at Quantico, Virginia (NOAA, 2025).

2.1 SAMPLING LOCATIONS

Samples were collected from all locations prescribed in the SWMP. These locations are shown on Figure 1 and listed in Table 1 along with their respective coordinates. Twelve samples were collected from waters proximal to Possum Point Power Station for evaluation of potential impacts as required by Permit Module XVIII; these are designated by a "PP" identifier. Sample locations PP-01 through PP-04 are located in Quantico Creek, downgradient of Pond E. Sample locations PP-05 and PP-06 in Quantico Creek and PP-11 and PP-12 in the Potomac River are downgradient of Pond D. Sample locations PP-7 through PP-10 are located in Quantico Creek, downgradient of Ponds A, B, and C. Two reference locations in Quantico Creek, designated by a "QC" identifier, and two reference locations in the Potomac River, designated by a "PR" identifier, were also collected upstream of Possum Point Power Station to document ambient conditions. During the initial sampling event, each sampling location was marked on the shore with permanent signage to allow for future identification. Each marker was verified present during this sampling event.

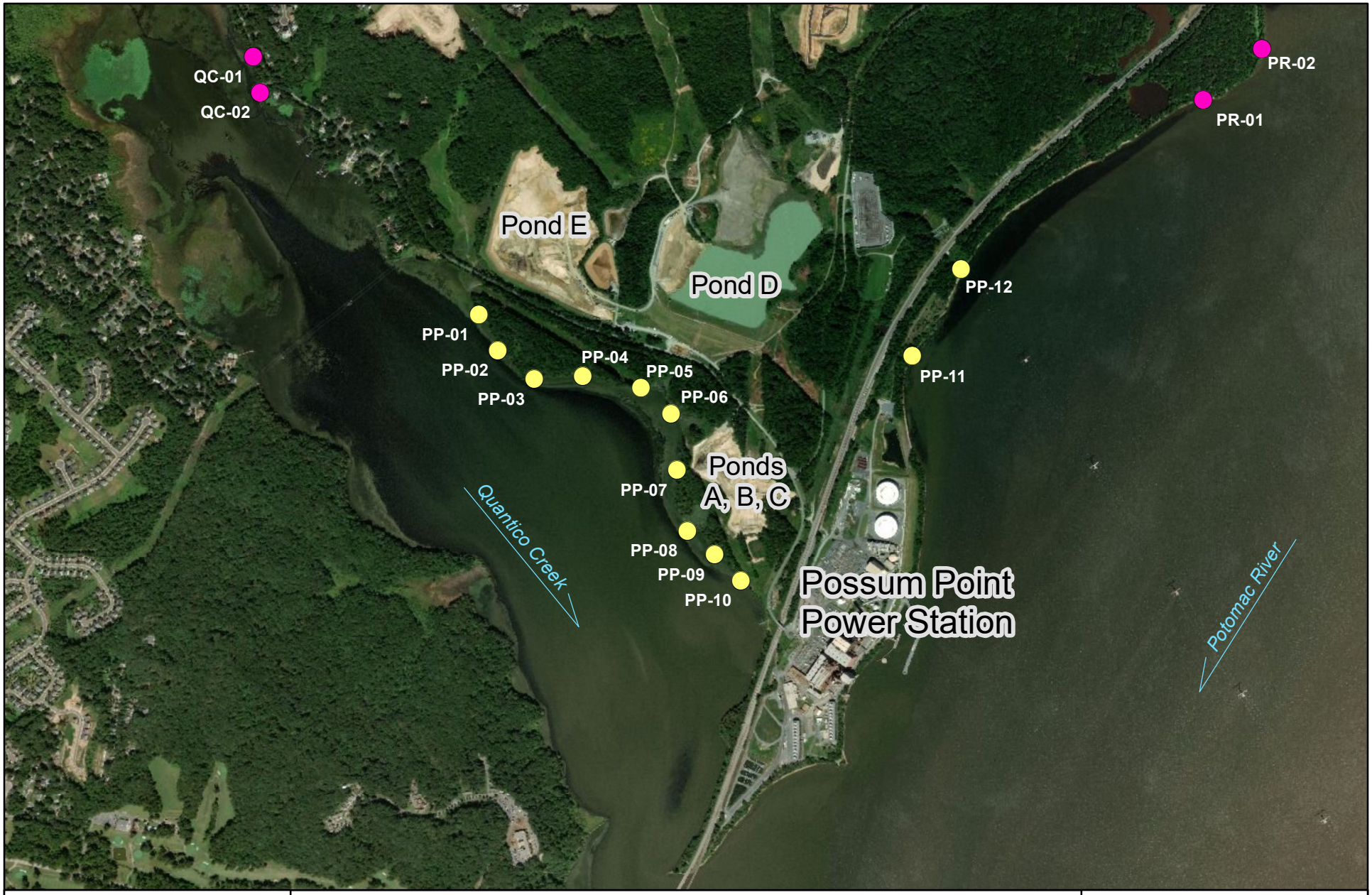

Figure 1. Site Map of Possum Point Power Station Showing Sampling Locations.

Surface Water Sampling Location

Reference Sampling Location

0 500 1,000 2,000 Feet

0 150 300 600 Meters

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Date: 6/17/2020

Basemap courtesy of Esri.

Table 1. Sampling Locations and Coordinates

Sample Location	Latitude	Longitude
PP-01	38.54865	-77.29438
PP-02	38.54748	-77.29360
PP-03	38.54654	-77.29212
PP-04	38.54662	-77.29012
PP-05	38.54621	-77.28772
PP-06	38.54536	-77.28650
PP-07	38.54353	-77.28627
PP-08	38.54155	-77.28589
PP-09	38.54078	-77.28477
PP-10	38.53992	-77.28369
PP-11	38.54712	-77.27649
PP-12	38.54992	-77.27444
PR-01	38.55530	-77.26434
PR-02	38.55692	-77.26189
QC-01	38.55710	-77.30355
QC-02	38.55594	-77.30328

2.2 SAMPLE COLLECTION

Samples were collected from a jon boat, beginning with the most downstream locations and proceeding upstream to prevent inadvertent cross-contamination due to introduction of disturbed sediments. At each location, the sampling boat was maneuvered as close to shore as river depths would allow.

Samples were collected from mid-depth into laboratory-supplied certified clean sample containers using a peristaltic pump and new dedicated Teflon tubing at each sampling location. During collection, samples were field filtered using a 0.45 micron in-line capsule filter, with a new filter used at each sampling location. Sample collection followed VDEQ's Collection of Trace Element Samples (Clean Metals) protocols (i.e., "clean hands / dirty hands" technique), which is included in the SWMP.

After collection, each sample container was placed into a cooler with wet ice and chilled to 4° C before being shipped to the analytical laboratory under chain-of-custody protocols, consistent with packaging and shipping procedures described in the SWMP.

2.3 QUALITY ASSURANCE SAMPLES

Quality assurance samples were collected in accordance with the SWMP, with the addition of a daily field blank. Altogether, collected quality assurance samples included two field duplicates, one matrix spike, one matrix spike duplicate, two equipment blanks, and two field blanks. Quality assurance samples were handled and shipped in the same manner as the primary analytical samples described in Section 2.2.

2.4 FIELD MEASUREMENTS

Water depth and infield chemistry parameters (temperature, specific conductance, pH, and dissolved oxygen), measured with a YSI Pro-DSS multiparameter probe, were recorded at each sampling location prior to sample collection. The YSI Pro-DSS was calibrated onsite prior to sampling in accordance with the manufacturer's specifications. Field-measured parameters are provided alongside validated analytical results in Table 2 (Section 4).

2.5 FIELD DOCUMENTATION

Field conditions including weather, locations, measured parameters, and other pertinent information were documented in field notebooks. A copy of this documentation is included as Appendix A.

3.0 SAMPLE ANALYSIS AND VALIDATION

Samples collected April 29 and 30, 2025, were analyzed by SGS North America, Inc. (SGS) at their Orlando, Florida facility. As discussed in Section 3.2, hexavalent chromium was resampled due to missed holding times by the analytical laboratory. Chromium (trivalent, hexavalent, and total) resamples collected May 29, 2025, were analyzed by Pace Analytical Services, LLC (Pace), as SGS indicated they were unable to analyze hexavalent chromium within the method holding time at their Orlando facility. Third-party data validation of analytical results was performed by Environmental Standards, Inc. (Environmental Standards).

3.1 ANALYTES AND METHODS

Samples were analyzed by SGS and Pace for the following metals, using the noted SW-846 methods:

- Method 6020 – Dissolved antimony, arsenic, cadmium, calcium, total chromium, cobalt, copper, lead, magnesium, nickel, selenium, silver, thallium, and zinc
- Method 6010 – Dissolved boron and lithium
- Method 7199 – Dissolved chromium VI
- Method 7470 – Dissolved mercury
- Calculated – Dissolved chromium III calculated by subtracting chromium VI from total chromium concentrations
- Calculated – Hardness calculated using calcium and magnesium concentrations

Final analytical results were received from SGS on May 12, 2025, and Pace on June 17, 2025. Complete copies of the SGS and Pace analytical reports are included as Appendix B.

3.2 DATA VALIDATION

Environmental Standards performed a Tier 1 review of the SGS and Pace standard laboratory data packages following USEPA's *National Functional Guidelines for Superfund Inorganics Method Data Review*. Complete copies of the Environmental Standards validation reports are included as Appendix C.

SGS chromium VI results from sampling locations PP-01, QC-02 and QC-01 were qualified as unreliable "R" due to hold time exceedances. Samples flagged unreliable "R", were resampled on May 29, 2025, and analyzed by Pace within analytical holding times. Due to SGS's inability to analyze all samples within required holding times and their laboratory reporting limit exceeding the comparison standard value for thallium, Dominion Energy will use Pace as the analytical laboratory for all future sampling events.

4.0 RESULTS

Validated analytical results (as reported by Environmental Standards) and measured field parameters are presented on the following pages in Table 2. Table 2 also includes a comparison standard for each analyte, based on applicable Virginia Water Quality Standards (VAWQS) in 9VAC25-260-140 or to groundwater protection standards (GPS) where VAWQS do not exist. Based on these comparisons, all second quarter 2025 surface water monitoring results were below applicable standards.

Table 2. Validated Analytical Results and Measured Field Parameters

	Sample ID	PR-01-25-Q2					PR-02-25-Q2					QC-01-25-Q2					QC-01-25-Q2					QC-02-25-Q2					QC-02-25-Q2				
	Sample Location	PR-01 (Upstream Reference)					PR-02 (Upstream Reference)					QC-01 (Upstream Reference)					QC-01 (Upstream Reference)					QC-02 (Upstream Reference)					QC-02 (Upstream Reference)				
	Sample Date	4/29/2025					4/29/2025					4/30/2025					5/29/2025					4/30/2025					5/29/2025				
Chemical Name	**Comparison Standard**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**
Dissolved Metals (µg/L)																														
Antimony	HH - AOSW	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0						580	< 0.20	U	0.20	2.0					
Arsenic	AL FW Chronic	150	**0.47**	**J**	0.21	2.0	150	**0.44**	**J**	0.21	2.0	150	**0.69**	**J**	0.21	2.0						150	**0.63**	**J**	0.21	2.0					
Boron	GPS	--	**27.7**	**J**	10	100	--	**35.8**	**J**	10	100	--	**22.3**	**J**	10	100						--	**22.1**	**J**	10	100					
Cadmium	AL FW Chronic	0.81*	< 0.20	U	0.20	2.0	0.78*	< 0.20	U	0.20	2.0	0.64*	< 0.20	U	0.20	2.0						0.66*	< 0.20	U	0.20	2.0					
Chromium	GPS	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	**0.26**	**J**	0.20	2.0	**--**	< 0.900	U	0.900	2.00	--	**0.24**	**J**	0.20	2.0	**--**	< 0.900	U	0.900	2.00
Chromium, Trivalent	AL FW Chronic	85*	< 6.7	UJ	6.7	22	81*	< 6.7	UJ	6.7	22	65*	< 6.7	R	6.7	22	65*	< 10.0	U	10.0	10.0	67*	< 6.7	R	6.7	22	67*	< 10.0	U	10.0	10.0
Chromium, Hexavalent	AL FW Chronic	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20	11	< 6.5	R	6.5	20	11	**0.015**	**J**	0.0043	0.025	11	< 6.5	R	6.5	20	11	< 0.0043	U	0.0043	0.025
Cobalt	GPS	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	**0.36**	**J**	0.20	2.0						--	**0.27**	**J**	0.20	2.0					
Copper	AL FW Chronic	10*	**1.0**	**J**	1.0	10	9.8*	< 1.0	U	1.0	10	7.9*	**1.4**	**J**	1.0	10						8.1*	**1.2**	**J**	1.0	10					
Lead	AL FW Chronic	13*	< 0.20	U	0.20	2.0	12*	< 0.20	U	0.20	2.0	9.1*	< 0.20	U	0.20	2.0						9.4*	< 0.20	U	0.20	2.0					
Lithium	GPS	--	**3.8**	**J**	1.3	10	--	**2.5**	**J**	1.3	10	--	**5.6**	**J**	1.3	10						--	**5.5**	**J**	1.3	10					
Mercury	AL FW Chronic	0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	U	0.030	0.50						0.77	< 0.030	U	0.030	0.50					
Nickel	AL FW Chronic	23*	**0.97**	**J**	0.40	4.0	22*	**0.86**	**J**	0.40	4.0	18*	**1.2**	**J**	0.40	4.0						18*	**1.0**	**J**	0.40	4.0					
Selenium	AL FW Chronic	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0						5	< 0.22	U	0.22	2.0					
Silver	AL FW Acute	4.6*	< 0.20	U	0.20	2.0	4.1*	< 0.20	U	0.20	2.0	2.7*	< 0.20	U	0.20	2.0						2.8*	< 0.20	U	0.20	2.0					
Thallium	HH - AOSW	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0						0.43	< 0.20	U	0.20	2.0					
Zinc	AL FW Chronic	136*	< 6.3	U	6.3	10	129*	< 5.9	U	5.9	10	104*	< 7.7	U	7.7	10						107*	< 6.0	U	6.0	10					
Hardness (mg/L)																														
Calcium	--	--	**29**		0.36	2	--	**27.4**		0.36	2	--	**20.6**		0.36	2						--	**21.2**		0.36	2	--				
Hardness	--	**--**	**118**		1.1	5.8	--	**111**		1.1	5.8	--	**85.9**		1.1	5.8						--	**88.6**		1.1	5.8	--				
Magnesium	--	--	**11**		0.05	0.2	--	**10.3**		0.05	0.2	--	**8.36**		0.05	0.2						--	**8.65**		0.05	0.2	--				
Field Data																														
Conductivity (µS/cm)	--	--	474.0				--	457.4				--	392.2				--	135.7				--	395.0				--	136.5			
Dissolved Oxygen (mg/L)	--	--	10.21				--	10.07				--	9.46				--	6.04				--	10.54				--	6.37			
pH (S.U.)	--	--	8.37				--	8.31				--	7.83				--	6.89				--	8.03				--	7.21			
Salinity (ppt)	--	--	0.25				--	0.25				--	0.18				--	0.07				--	0.18				--	0.07			
Specific Conductance (µS/cm)	--	--	512				--	504				--	379.0				--	153.5				--	386.3				--	155.5			
Temperature (°C)	--	--	21.1				--	20.2				--	27				--	18.9				--	26.1				--	18.6			
Water level depth (M)	--	--	0.2				--	0.4				--	0.3				--	0.2				--	0.2				--	0.2			

Table 2. Validated Analytical Results and Measured Field Parameters (Cont.)

Sample ID		PP-01-25-Q2					PP-01-25-Q2					PP-02-25-Q2					PP-03-25-Q2					PP-03-25-Q2-FD					PP-04-25-Q2				
Sample Location		PP-01 (Pond E)					PP-01 (Pond E)					PP-02 (Pond E)					PP-03 (Pond E)					PP-03 (Pond E)					PP-04 (Pond E)				
Sample Date		4/30/2025					5/29/2025					4/30/2025					4/30/2025					4/30/2025					4/29/2025				
Chemical Name	Comparison Standard	Comparison Standard Value	Result	Qual	MDL	RL	Comparison Standard Value	Result	Qual	MDL	RL	Comparison Standard Value	Result	Qual	MDL	RL	Comparison Standard Value	Result	Qual	MDL	RL	Comparison Standard Value	Result	Qual	MDL	RL	Comparison Standard Value	Result	Qual	MDL	RL
Dissolved Metals (µg/L)																															
Antimony	HH - AOSW	580	< 0.20	U	0.20	2.0						580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	580	**0.20**	**J**	0.20	2.0
Arsenic	AL FW Chronic	150	**0.82**	**J**	0.21	2.0						150	**0.62**	**J**	0.21	2.0	150	**0.47**	**J**	0.21	2.0	150	**0.46**	**J**	0.21	2.0	150	**0.49**	**J**	0.21	2.0
Boron	GPS	4000	**35.1**	**J**	10	100						4000	**36.4**	**J**	10	100	4000	**33.6**	**J**	10	100	4000	**35.3**	**J**	10	100	4000	**46.9**	**J**	10	100
Cadmium	AL FW Chronic	0.80*	< 0.20	U	0.20	2.0						0.84*	< 0.20	U	0.20	2.0	0.83*	< 0.20	U	0.20	2.0	0.82*	< 0.20	U	0.20	2.0	0.76*	< 0.20	U	0.20	2.0
Chromium	GPS	100	< 0.20	U	0.20	2.0	100	< 0.900	U	0.900	2.00	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0
Chromium, Trivalent	AL FW Chronic	84*	< 6.7	R	6.7	22	84*	< 10.0	U	10.0	10.0	88*	< 6.7	UJ	6.7	22	87*	< 6.7	UJ	6.7	22	86*	< 6.7	UJ	6.7	22	78*	< 6.7	U	6.7	22
Chromium, Hexavalent	AL FW Chronic	11	< 6.5	R	6.5	20	11	**0.011**	**J**	0.0043	0.025	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20	11	< 6.5	U	6.5	20
Cobalt	GPS	6	**0.29**	**J**	0.20	2.0						6	**0.20**	**J**	0.20	2.0	6	< 0.20	U	0.20	2.0	6	< 0.20	U	0.20	2.0	6	< 0.20	U	0.20	2.0
Copper	AL FW Chronic	10*	< 1.0	U	1.0	10						11*	< 1.0	U	1.0	10	11*	< 1.0	U	1.0	10	10*	< 1.0	U	1.0	10	9.5*	< 1.0	U	1.0	10
Lead	AL FW Chronic	13*	< 0.20	U	0.20	2.0						13*	< 0.20	U	0.20	2.0	13*	< 0.20	U	0.20	2.0	13*	< 0.20	U	0.20	2.0	12*	< 0.20	U	0.20	2.0
Lithium	GPS	40	**1.8**	**J**	1.3	10						40	**3.3**	**J**	1.3	10	40	**2.9**	**J**	1.3	10	40	**1.7**	**J**	1.3	10	40	**4.3**	**J**	1.3	10
Mercury	AL FW Chronic	0.77	< 0.030	U	0.030	0.50						0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50
Nickel	AL FW Chronic	23*	**1.4**	**J**	0.40	4.0						24*	**1.2**	**J**	0.40	4.0	24*	**1.1**	**J**	0.40	4.0	24*	**1.0**	**J**	0.40	4.0	21*	**2.3**	**J**	0.40	4.0
Selenium	AL FW Chronic	5	< 0.22	U	0.22	2.0						5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0
Silver	AL FW Acute	4.5*	< 0.20	U	0.20	2.0						4.9*	< 0.20	U	0.20	2.0	4.8*	< 0.20	U	0.20	2.0	4.7*	< 0.20	U	0.20	2.0	3.9*	< 0.20	U	0.20	2.0
Thallium	HH - AOSW	0.43	< 0.20	U	0.20	2.0						0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0
Zinc	AL FW Chronic	134*	< 6.1	U	6.1	10						141*	< 5.5	U	5.5	10	139*	< 5.7	U	5.7	10	138*	< 5.7	U	5.7	10	125*	< 5.9	U	5.9	10
Hardness (mg/L)																															
Calcium	--	--	**27.8**		0.36	2						--	**29.5**		0.36	2	--	**28.7**		0.36	2	--	**28.6**		0.36	2	--	**26**		0.36	2
Hardness	--	--	**116**		1.1	5.8						--	**123**		1.1	5.8	--	**121**		1.1	5.8	--	**120**		1.1	5.8	--	**107**		1.1	5.8
Magnesium	--	--	**11.3**		0.05	0.2						--	**11.9**		0.05	0.2	--	**12**		0.05	0.2	--	**11.9**		0.05	0.2	--	**10.3**		0.05	0.2
Field Data																															
Conductivity (µS/cm)	--	--	551				--	179.5				--	560				--	590				--					--	521			
Dissolved Oxygen (mg/L)	--	--	10.94				--	11.63				--	11.16				--	10.57				--					--	7.51			
pH (S.U.)	--	--	8.31				--	8.94				--	8.71				--	8.49				--					--	7.76			
Salinity (ppt)	--	--	0.26				--	0.09				--	0.27				--	0.29				--					--	0.24			
Specific Conductance (µS/cm)	--	--	545				--	198.4				--	564				--	592				--					--	508			
Temperature (°C)	--	--	25.6				--	20.0				--	24.6				--	24.8				--					--	26.3			
Water level depth (M)	--	--	0.2				--	0.2				--	0.2				--	0.2				--					--	0.2			

Table 2. Validated Analytical Results and Measured Field Parameters (Cont.)

	Sample ID	PP-05-25-Q2					PP-06-25-Q2					PP-07-25-Q2					PP-08-25-Q2					PP-09-25-Q2					PP-10-25-Q2				
	Sample Location	PP-05 (Pond D)					PP-06 (Pond D)					PP-07 (Ponds ABC)					PP-08 (Ponds ABC)					PP-09 (Ponds ABC)					PP-10 (Ponds ABC)				
	Sample Date	4/29/2025					4/29/2025					4/29/2025					4/29/2025					4/29/2025					4/29/2025				
Chemical Name	**Comparison Standard**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**
Dissolved Metals (µg/L)																															
Antimony	HH - AOSW	580	**0.26**	**J**	0.20	2.0	580	< 0.20	U	0.20	2.0	580	**0.23**	**J**	0.20	2.0	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0
Arsenic	AL FW Chronic	150	**0.61**	**J**	0.21	2.0	150	**0.50**	**J**	0.21	2.0	150	**0.50**	**J**	0.21	2.0	150	**0.50**	**J**	0.21	2.0	150	**0.47**	**J**	0.21	2.0	150	**0.47**	**J**	0.21	2.0
Boron	GPS	4000	**72.8**	**J**	10	100	4000	**38.3**	**J**	10	100	4000	**35.7**	**J**	10	100	4000	**36.6**	**J**	10	100	4000	**34.9**	**J**	10	100	4000	**34.7**	**J**	10	100
Cadmium	AL FW Chronic	0.80*	< 0.20	U	0.20	2.0	0.82*	< 0.20	U	0.20	2.0	0.80*	< 0.20	U	0.20	2.0	0.84*	< 0.20	U	0.20	2.0	0.85*	< 0.20	U	0.20	2.0	0.81*	< 0.20	U	0.20	2.0
Chromium	GPS	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0
Chromium, Trivalent	AL FW Chronic	84*	< 6.7	U	6.7	22	85*	< 6.7	U	6.7	22	83*	< 6.7	U	6.7	22	88*	< 6.7	U	6.7	22	89*	< 6.7	UJ	6.7	22	85*	< 6.7	UJ	6.7	22
Chromium, Hexavalent	AL FW Chronic	11	< 6.5	U	6.5	20	11	< 6.5	U	6.5	20	11	< 6.5	U	6.5	20	11	< 6.5	U	6.5	20	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20
Cobalt	GPS	6	< 0.20	U	0.20	2.0	6	**0.25**	**J**	0.20	2.0	17.3	< 0.20	U	0.20	2.0	17.3	< 0.20	U	0.20	2.0	17.3	**0.22**	**J**	0.20	2.0	17.3	**0.22**	**J**	0.20	2.0
Copper	AL FW Chronic	10*	**1.8**	**J**	1.0	10	10*	< 1.0	U	1.0	10	10*	< 1.0	U	1.0	10	11*	< 1.0	U	1.0	10	11*	**1.0**	**J**	1.0	10	10*	**1.1**	**J**	1.0	10
Lead	AL FW Chronic	13*	< 0.20	U	0.20	2.0	13*	< 0.20	U	0.20	2.0	12*	< 0.20	U	0.20	2.0	13*	< 0.20	U	0.20	2.0	14*	< 0.20	U	0.20	2.0	13*	< 0.20	U	0.20	2.0
Lithium	GPS	40	**2.7**	**J**	1.3	10	40	**4.5**	**J**	1.3	10	40	**4.5**	**J**	1.3	10	40	**3.5**	**J**	1.3	10	40	**4.1**	**J**	1.3	10	40	**3.6**	**J**	1.3	10
Mercury	AL FW Chronic	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50	0.77	< 0.030	UJ	0.030	0.50
Nickel	AL FW Chronic	23*	**1.4**	**J**	0.40	4.0	23*	**1.3**	**J**	0.40	4.0	23*	**0.98**	**J**	0.40	4.0	24*	**0.98**	**J**	0.40	4.0	24*	**1.1**	**J**	0.40	4.0	23*	**1.0**	**J**	0.40	4.0
Selenium	AL FW Chronic	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0
Silver	AL FW Acute	4.5*	< 0.20	U	0.20	2.0	4.7*	< 0.20	U	0.20	2.0	4.4*	< 0.20	U	0.20	2.0	4.9*	< 0.20	U	0.20	2.0	5.1*	< 0.20	U	0.20	2.0	4.6*	< 0.20	U	0.20	2.0
Thallium	HH - AOSW	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 1.3	U	1.3	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0
Zinc	AL FW Chronic	134*	< 7.2	U	7.2	10	137*	< 7.1	U	7.1	10	133*	< 5.3	U	5.3	10	141*	< 6.6	U	6.6	10	143*	< 5.5	U	5.5	10	136*	< 6.2	U	6.2	10
Hardness (mg/L)																															
Calcium	--	--	**27.9**		0.36	2	--	**28.8**		0.36	2	--	**28.4**		0.36	2	--	**28.7**		0.36	2	--	**29.4**		0.36	2	--	**27.8**		0.36	2
Hardness	**--**	--	**116**		1.1	5.8	--	**119**		1.1	5.8	--	**115**		1.1	5.8	--	**123**		1.1	5.8	--	**125**		1.1	5.8	--	**118**		1.1	5.8
Magnesium	--	--	**11.2**		0.05	0.2	--	**11.5**		0.05	0.2	--	**10.8**		0.05	0.2	--	**12.5**		0.05	0.2	--	**12.6**		0.05	0.2	--	**11.9**		0.05	0.2
Field Data																															
Conductivity (µS/cm)	--	--	540				--	544				--	533				--	597				--	574				--	588			
Dissolved Oxygen (mg/L)	--	--	7.81				--	8.52				--	12.04				--	10.53				--	10.84				--	11.78			
pH (S.U.)	--	--	7.60				--	7.37				--	8.75				--	8.69				--	8.60				--	8.87			
Salinity (ppt)	--	--	0.25				--	0.26				--	0.26				--	0.30				--	0.28				--	0.29			
Specific Conductance (µS/cm)	--	--	524				--	543				--	536				--	606				--	575				--	602			
Temperature (°C)	--	--	26.6				--	25.1				--	24.8				--	24.4				--	24.1				--	23.8			
Water level depth (M)	--	--	0.2				--	0.2				--	0.2				--	0.2				--	0.2				--	0.2			

Table 2. Validated Analytical Results and Measured Field Parameters (Cont.)

	Sample ID	PP-11-25-Q2					PP-12-25-Q2					PP-12-25-Q2-FD					EB-01-25-Q2					EB-02-25-Q2					EB-03-25-Q2				
	Sample Location	PP-11 (Pond D)					PP-12 (Pond D)					PP-12 (Pond D)					Equipment Blank					Equipment Blank					Equipment Blank				
	Sample Date	4/29/2025					4/29/2025					4/29/2025					4/29/2025					4/30/2025					4/30/2025				
Chemical Name	**Comparison Standard**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**
Dissolved Metals (µg/L)																															
Antimony	HH - AOSW	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	580	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Arsenic	AL FW Chronic	150	**0.45**	**J**	0.21	2.0	150	**0.46**	**J**	0.21	2.0	150	**0.48**	**J**	0.21	2.0	--	< 0.21	U	0.21	2.0	--	< 0.21	U	0.21	2.0	--				
Boron	GPS	4000	**34.3**	**J**	10	100	4000	**29.7**	**J**	10	100	4000	**29.5**	**J**	10	100	--	< 10	U	10	100	--	< 10	U	10	100	--				
Cadmium	AL FW Chronic	0.80*	< 0.20	U	0.20	2.0	0.80*	< 0.20	U	0.20	2.0	0.79*	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Chromium	GPS	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	100	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.900	U	0.900	2.00
Chromium, Trivalent	AL FW Chronic	84*	< 6.7	UJ	6.7	22	83*	< 6.7	UJ	6.7	22	82*	< 6.7	UJ	6.7	22	--	< 6.7	UJ	6.7	22	--	< 6.7	UJ	6.7	22	--	< 10.0	U	10.0	10.0
Chromium, Hexavalent	AL FW Chronic	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20	11	< 6.5	UJ	6.5	20	--	< 6.5	UJ	6.5	20	--	< 6.5	UJ	6.5	20	--	< 0.0043	U	0.0043	0.025
Cobalt	GPS	6	< 0.20	U	0.20	2.0	6	< 0.20	U	0.20	2.0	6	**0.20**	**J**	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Copper	AL FW Chronic	10*	**1.5**	**J**	1.0	10	10*	**1.2**	**J**	1.0	10	9.9*	**1.2**	**J**	1.0	10	--	< 1.0	U	1.0	10	--	< 1.0	U	1.0	10	--				
Lead	AL FW Chronic	13*	< 0.20	U	0.20	2.0	12*	< 0.20	U	0.20	2.0	12*	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Lithium	GPS	40	**2.1**	**J**	1.3	10	40	**3.2**	**J**	1.3	10	40	**2.6**	**J**	1.3	10	--	< 1.3	U	1.3	10	--	< 1.3	U	1.3	10	--				
Mercury	AL FW Chronic	0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	U	0.030	0.50	0.77	< 0.030	U	0.030	0.50	--	< 0.030	U	0.030	0.50	--	< 0.030	U	0.030	0.50	--				
Nickel	AL FW Chronic	23*	**0.94**	**J**	0.40	4.0	23*	**0.98**	**J**	0.40	4.0	22*	**1.0**	**J**	0.40	4.0	--	< 0.40	U	0.40	4.0	--	< 0.40	U	0.40	4.0	--				
Selenium	AL FW Chronic	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	5	< 0.22	U	0.22	2.0	--	< 0.22	U	0.22	2.0	--	< 0.22	U	0.22	2.0	--				
Silver	AL FW Acute	4.5*	< 0.20	U	0.20	2.0	4.4*	< 0.20	U	0.20	2.0	4.3*	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Thallium	HH - AOSW	0.43	< 0.24	U	0.24	2.0	0.43	< 0.20	U	0.20	2.0	0.43	< 0.20	U	0.20	2.0	--	**0.37**	**J**	0.20	2.0	--	< 0.20	U	0.20	2.0	--				
Zinc	AL FW Chronic	134*	< 6.2	U	6.2	10	133*	< 5.9	U	5.9	10	131*	< 6.8	U	6.8	10	--	**6.2**	**J**	1.7	10	--	**5.3**	**J**	1.7	10	--				
Hardness (mg/L)																															
Calcium	--	--	**27.8**		0.36	2	--	**28.7**		0.36	2	--	**28.1**		0.36	2	--	< 0.36	U	0.36	2	--	< 0.36	U	0.36	2	--				
Hardness	**--**	--	**116**		1.1	5.8	--	**115**		1.1	5.8	--	**113**		1.1	5.8	--	< 1.1	U	1.1	5.8	--	< 1.1	U	1.1	5.8	--				
Magnesium	--	--	**11.2**		0.05	0.2	--	**10.5**		0.05	0.2	--	**10.4**		0.05	0.2	--	< 0.05	U	0.05	0.2	--	< 0.05	U	0.05	0.2	--				
Field Data																															
Conductivity (µS/cm)	**--**	--	510				--	466.2				--					--					--					--				
Dissolved Oxygen (mg/L)	**--**	--	9.82				--	9.77				--					--					--					--				
pH (S.U.)	**--**	--	7.88				--	8.26				--					--					--					--				
Salinity (ppt)	**--**	--	0.27				--	0.24				--					--					--					--				
Specific Conductance (µS/cm)	**--**	--	548				--	491.0				--					--					--					--				
Temperature (°C)	**--**	--	21.4				--	22.3				--					--					--					--				
Water level depth (M)	**--**	--	0.2				--	0.2				--					--					--					--				

Table 2. Validated Analytical Results and Measured Field Parameters (Cont.)

Sample ID / Sample Location / Sample Date		FB-01-25-Q2 Field Blank 4/29/2025					FB-02-25-Q2 Field Blank 4/30/2025					FB-03-25-Q2 Field Blank 5/29/2025				
Chemical Name	**Comparison Standard**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**	**Comparison Standard Value**	**Result**	**Qual**	**MDL**	**RL**
Dissolved Metals (µg/L)																
Antimony	HH - AOSW	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0					
Arsenic	AL FW Chronic	--	< 0.21	U	0.21	2.0	--	< 0.21	U	0.21	2.0					
Boron	GPS	--	< 10	U	10	100	--	< 10	U	10	100					
Cadmium	AL FW Chronic	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0					
Chromium	GPS	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0	--	< 0.900	U	0.900	2.00
Chromium, Trivalent	AL FW Chronic	--	< 6.7	UJ	6.7	22	--	< 6.7	UJ	6.7	22	--	< 10.0	U	10.0	10.0
Chromium, Hexavalent	AL FW Chronic	--	< 6.5	UJ	6.5	20	--	< 6.5	UJ	6.5	20	--	< 0.0043	U	0.0043	0.025
Cobalt	GPS	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0					
Copper	AL FW Chronic	--	< 1.0	U	1.0	10	--	< 1.0	U	1.0	10					
Lead	AL FW Chronic	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0					
Lithium	GPS	--	< 1.3	U	1.3	10	--	< 1.3	U	1.3	10					
Mercury	AL FW Chronic	--	< 0.030	U	0.030	0.50	--	< 0.030	U	0.030	0.50					
Nickel	AL FW Chronic	--	< 0.40	U	0.40	4.0	--	< 0.40	U	0.40	4.0					
Selenium	AL FW Chronic	--	< 0.22	U	0.22	2.0	--	< 0.22	U	0.22	2.0					
Silver	AL FW Acute	--	< 0.20	U	0.20	2.0	--	< 0.20	U	0.20	2.0					
Thallium	HH - AOSW	--	**0.66**	**J**	0.20	2.0	--	< 0.20	U	0.20	2.0					
Zinc	AL FW Chronic	--	**4.9**	**J**	1.7	10	--	**5.9**	**J**	1.7	10					
Hardness (mg/L)																
Calcium	--	--	< 0.36	U	0.36	2	--	< 0.36	U	0.36	2					
Hardness	**--**	--	< 1.1	U	1.1	5.8	--	< 1.1	U	1.1	5.8					
Magnesium	--	--	< 0.05	U	0.05	0.2	--	< 0.05	U	0.05	0.2					
Field Data																
Conductivity (µS/cm)	**--**	--					--					--				
Dissolved Oxygen (mg/L)	**--**	--					--					--				
pH (S.U.)	**--**	--					--					--				
Salinity (ppt)	**--**	--					--					--				
Specific Conductance (µS/cm)	**--**	--					--					--				
Temperature (°C)	**--**	--					--					--				
Water level depth (M)	**--**	--					--					--				

Notes:
°C = Degrees Celsius
GPS = Groundwater Protection Standard (Virginia Solid Waste Permit #617)
MDL = Method detection limit
mg/L = Milligrams per liter
M = Meters
ppt = parts per trillion
RL = Reporting limit
pH Units= standard pH Units
µg/L = Micrograms per liter
µS/cm = MicroSiemen per centimeter
VA WQC = Virginia Water Quality Criterial (9VAC-25-260-140)
HH AOSW = Human health (all other surface waters)
AL FW = Aquatic life - freshwater
* hardness-specific criteria
Bold = detected concentration

Qualifiers (Qual):
J = Quantitation is approximate due to limitations identified during data validation.
U = The analyte was not detected above the level of the sample reporting limit.
UJ = The analyte was not detected; the reporting limit is approximate and may be inaccurate or imprecise.
R = Unreliable postive result; analyte may or may not be present in sample.
= Concentration greater than applicable comparison standard

5.0 REFERENCES

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Appendix A

Field Documentation

4/29/2025 PPPS SW Monitoring Q2

1220 YSI Calibration

Parameter	Finish	Pre
Sp. Cond.	1413	1442
pH 4	4.00	4.04
pH 7	7.01	6.92
pH 10	10.04	9.99
DO %	100.7	100.9

Baro: 765.1

1304 - FB - 01 - 25 - Q2

1311 - EB - 01 - 25 - Q2

1316 - PP - 11 - 25 - Q2

TEMP: 21.4 DO: 9.82 SP COND: 548
COND: 510 SAL: 0.27 pH: 7.88
DEPTH: 0.2 COORDINATES: 38.54717, -77.27647
WEATHER 75 F, SUNNY, 10-20 MPH SW WIND

1336 - PP - 12 - 25 - Q2 * PP-12-25-Q2-FD *

TEMP: 22.3 DO: 9.77 SP COND: 491.0
COND: 466.2 SAL: 0.24 pH: 8.26
DEPTH: 0.2 COORDINATES: 38.54982, -77.27425
WEATHER: 75F, SUNNY, 10-20 MPH SW WIND

1356 - PR - 01 - 25 - Q2

TEMP: 21.1 DO: 10.21 SP COND: 512
COND: 474.0 SAL: 0.25 pH: 8.37
DEPTH: 0.2 COORDINATES: 38.55528, -77.26492
WEATHER: 75F, SUNNY, 10-20 MPH SW WIND

1411 - PR - 02 - 25 - Q2

TEMP: 20.2 DO: 10.07 SP COND: 504
COND 457.4 SAL: 0.24 pH: 8.31
DEPTH 0.4m COORDINATES: 38.55688, -77.26190
WEATHER 79F SUNNY, 10-20 MPH S WIND

1447 - PP - 10 - 25 - Q2

TEMP: 23.8 DO: 11.78 SP COND: 602
COND: 588 SAL: 0.29 pH: 8.87
DEPTH: 0.2 COORDINATES: 38.54073, -77.28474
WEATHER: 78F SUNNY, 10-20 MPH S WIND

1500 - PP - 09 - 25 - Q2

TEMP: 24.1 DO: 10.84 SP COND: 575
COND: 574 SAL: 0.28 pH: 8.60
DEPTH 0.2m COORDINATES: 38.54075, -77.28475
WEATHER: 78F SUNNY, 10-20 MPH S WIND

1515 - PP - 08 - 25 - Q2

TEMP: 24.4 DO: 10.53 SP COND: 606
COND: 597 SAL: 0.30 pH: 8.69
DEPTH: 0.2 COORDINATES: 38.54155, -77.28584
WEATHER 78F, SUNNY, 10-20 MPH S WIND

1535 - PP - 07 - 25 - Q2 * PP-07-25-Q2-MS COLLECTED
* PP-07-25-Q2-MSD COLLECTED

TEMP: 24.8 DO: 12.04 SP COND: 536
COND: 533 SAL 0.26 pH: 8.75
DEPTH: 0.2 COORDINATES: 38.54354, -77.28642
WEATHER 79F, SUNNY, 10-20 MPH S WIND

1555-PP-06-25-Q2
TEMP: 25.1 DO: 8.52 SP COND: 543
COND: 544 SAL: 0.26 pH: 7.37
DEPTH: 0.2 COORDINATES: 38.54533, -77.2867
WEATHER: 80F, SUNNY, 10-20 MPH S WIND

1610-PP-05-25-Q2
TEMP: 26.6 DO: 7.81 SP COND: 524
COND: 540 SAL: 0.25 pH: 7.60
DEPTH: 0.2 COORDINATES: 38.54619, -77.28771
WEATHER: 80F SUNNY 10-20 MPH S WIND

1630-PP-04-25-Q2
TEMP: 26.3 DO: 7.51 SP COND: 508
COND: 521 SAL: 0.24 pH: 7.76
DEPTH: 0.2 COORDINATES: 38.54663, -77.29071
WEATHER: 80F, SUNNY, 10-20 MPH S WIND

4/30/2025 PPPS SW Monitoring Q2

1255 YSI Calibration

Parameter	Finish	Pre
Sp. Cond.	1413	1426
pH 4	4.00	4.03
pH 7	7.01	6.95
pH 10	10.01	10.03
DO%	100.2	100.5

Baro: 761.9

1402-FB-02-25-Q2
1412-EB-02-25-Q2
1421-PP-03-25-Q2 * PP-03-25-Q2-FD collected
TEMP: 24.8 DO: 10.57 SP COND: 592
COND: 590 SAL: 0.29 pH: 8.49
DEPTH: 0.2 COORDINATES: 38.5465, -77.29218
WEATHER: 80F, PARTLY CLOUDY, 5 MPH N WIND
1436-PP-02-25-Q2
TEMP: 24.6 DO: 11.16 SP COND: 564
COND: 560 SAL: 0.27 pH: 8.71
DEPTH: 0.2 COORDINATES: 38.54746, -77.29358
WEATHER: 80F, PARTLY CLOUDY, 5 MPH N WIND
1449-PP-01-25-Q2
TEMP: 25.6 DO: 10.94 SP COND: 545
COND: 551 SAL: 0.26 pH: 8.31
DEPTH: 0.2 COORDINATES:
WEATHER 79F, PARTLY CLOUDY, 5 MPH N WIND
1507-QC-02-25-Q2
TEMP: 26.1 DO: 10.54 SP COND: 3863
COND: 395.0 SAL: 0.18 pH: 8.03
DEPTH: 0.2 COORDINATES: 38.55596, -77.30331
WEATHER: 79F, PARTLY CLOUDY, 5 MPH N WIND

1521-QC-01-25-Q2

TEMP: 27.0 DO: 9.46 SP COND: 379.0

COND: 392.2 SAL: 0.18 pH: 7.83

DEPTH: 0.3 COORDINATES: 38.55692, -77.30355

WEATHER: 81 F PARTLY CLOUDY, 5 MPH N WIND

* ALL SAMPLING SIGNS OBSERVED AND IN GOOD CONDITION. VERY TURBID CONDITIONS WERE OBSERVED ACROSS ALL SAMPLING LOCATIONS DUE TO WIND DIRECTION DURING SAMPLE COLLECTION.

5/29/25 1234 PPS Q2 RESAMPLE

YSI Calibration Hg mm - 763.2

parameter	pre	Finish
Sp Cond	1438	1413
pH 7	6.94	7.00
pH 4	3.98	4.00
pH 10	10.07	10.09
DO %	100.6%	100.5%

1346 - FB-03-25-Q2

1351 - EB-03-25-Q2

1357 - PP-01-25-Q2

TEMP: 20.0°C DO: 11.63 mg/L SP. COND: 198.4 µS/cm

COND: 179.5 µS/cm SAL: 0.09 ppt pH: 8.94

DEPTH: 0.2 m COORDINATES: 37.71418, -78.22842

WEATHER: 85°C, CLOUDY, ~~10-15~~ 5-10 mph S WINDS

1416 - QC-02-25-02

TEMP: 18.6 °C DO: 6.37 mg/L Sp. cond: 155.5 µS/cm

COND: 134.5 µS/cm SAL: 0.07 ppt pH: 7.21

DEPTH: 0.2

COOR: 38.55587, -77.30326

WEATHER: Cloudy, 5-10 mph S winds. 65 F

1431 - QC-01-25-02

TEMP: 18.9°C DO: 6.04 mg/L Sp. cond: 153.5 µS/cm

COND: 135.7 µS/cm SAL: 0.07 ppt pH: 6.89

DEPTH: 0.2m

COOR: 38.55692, -77.30353

WEATHER: 65 F. Cloudy, 5-10 mph S winds

*MODERATE RAINFALL OBSERVED IN THE SAMPLING AREA ON 5/28.

Appendix B

Laboratory Analytical Reports

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EnviroScience

Possum Point; VA

SGS Job Number: FC24306

Sampling Dates: 04/29/25 - 04/30/25

Report to:

EnviroScience
1100 Athens Ave Suite F
Richmond, VA 23227
jpapineau@enviroscienceinc.com; Kelly.A.Hicks@dominionenergy.com;
dominion@envstd.com; cfox@enviroscienceinc.com;
ATTN: Joe Papineau

Total number of pages in report: **239**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Norm Farmer
Technical Director

Client Service contact: Evita Martinez 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI. MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

Sections: 1 2 3 4 5 6 7

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SGS North America Inc.

Sample Summary

EnviroScience

Possum Point; VA

Job No: FC24306

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC24306-1	04/29/25	13:04	CFND	04/30/25	AQ	Field Blank Water	FB-01-25-Q2
FC24306-2	04/29/25	13:11	CFND	04/30/25	AQ	Equipment Blank	EB-01-25-Q2
FC24306-2F	04/29/25	13:11	CFND	04/30/25	AQ	Equip Blank Filtered	EB-01-25-Q2
FC24306-3	04/29/25	13:16	CFND	04/30/25	AQ	Surface Water	PP-11-25-Q2
FC24306-3F	04/29/25	13:16	CFND	04/30/25	AQ	Surface H2O Filtered	PP-11-25-Q2
FC24306-4	04/29/25	13:36	CFND	04/30/25	AQ	Surface Water	PP-12-25-Q2
FC24306-4F	04/29/25	13:36	CFND	04/30/25	AQ	Surface H2O Filtered	PP-12-25-Q2
FC24306-5	04/29/25	13:36	CFND	04/30/25	AQ	Surface Water	PP-12-25-Q2-FD
FC24306-5F	04/29/25	13:36	CFND	04/30/25	AQ	Surface H2O Filtered	PP-12-25-Q2-FD
FC24306-6	04/29/25	13:56	CFND	04/30/25	AQ	Surface Water	PR-01-25-Q2
FC24306-6F	04/29/25	13:56	CFND	04/30/25	AQ	Surface H2O Filtered	PR-01-25-Q2
FC24306-7	04/29/25	14:11	CFND	04/30/25	AQ	Surface Water	PR-02-25-Q2
FC24306-7F	04/29/25	14:11	CFND	04/30/25	AQ	Surface H2O Filtered	PR-02-25-Q2

Sample Summary
(continued)

EnviroScience

Job No: FC24306

Possum Point; VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC24306-8	04/29/25	14:47	CFND	04/30/25	AQ	Surface Water	PP-10-25-Q2
FC24306-8F	04/29/25	14:47	CFND	04/30/25	AQ	Surface H2O Filtered	PP-10-25-Q2
FC24306-9	04/29/25	15:00	CFND	04/30/25	AQ	Surface Water	PP-09-25-Q2
FC24306-9F	04/29/25	15:00	CFND	04/30/25	AQ	Surface H2O Filtered	PP-09-25-Q2
FC24306-10	04/29/25	15:15	CFND	04/30/25	AQ	Surface Water	PP-08-25-Q2
FC24306-10F	04/29/25	15:15	CFND	04/30/25	AQ	Surface H2O Filtered	PP-08-25-Q2
FC24306-11	04/29/25	15:35	CFND	04/30/25	AQ	Surface Water	PP-07-25-Q2
FC24306-11F	04/29/25	15:35	CFND	04/30/25	AQ	Surface H2O Filtered	PP-07-25-Q2
FC24306-11FD	04/29/25	15:35	CFND	04/30/25	AQ	Water Dup/MSD	PP-07-25-Q2
FC24306-11FS	04/29/25	15:35	CFND	04/30/25	AQ	Water Matrix Spike	PP-07-25-Q2
FC24306-12	04/29/25	15:55	CFND	04/30/25	AQ	Surface Water	PP-06-25-Q2
FC24306-12F	04/29/25	15:35	CFND	04/30/25	AQ	Surface H2O Filtered	PP-06-25-Q2
FC24306-13	04/29/25	16:10	CFND	04/30/25	AQ	Surface Water	PP-05-25-Q2

Sample Summary
(continued)

EnviroScience

Job No: FC24306

Possum Point; VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC24306-13F	04/29/25	16:10	CFND	04/30/25	AQ	Surface H2O Filtered	PP-05-25-Q2
FC24306-14	04/29/25	16:30	CFND	04/30/25	AQ	Surface Water	PP-04-25-Q2
FC24306-14F	04/29/25	16:30	CFND	04/30/25	AQ	Surface H2O Filtered	PP-04-25-Q2
FC24306-15	04/30/25	14:02	CFND	05/01/25	AQ	Field Blank Water	FB-02-25-Q2
FC24306-16	04/30/25	14:12	CFND	05/01/25	AQ	Equipment Blank	EB-02-25-Q2
FC24306-16F	04/30/25	14:12	CFND	05/01/25	AQ	Equip Blank Filtered	EB-02-25-Q2
FC24306-17	04/30/25	14:21	CFND	05/01/25	AQ	Surface Water	PP-03-25-Q2
FC24306-17F	04/30/25	14:21	CFND	05/01/25	AQ	Surface H2O Filtered	PP-03-25-Q2
FC24306-18	04/30/25	14:21	CFND	05/01/25	AQ	Surface Water	PP-03-25-Q2-FD
FC24306-18F	04/30/25	14:21	CFND	05/01/25	AQ	Surface H2O Filtered	PP-03-25-Q2-FD
FC24306-19	04/30/25	14:36	CFND	05/01/25	AQ	Surface Water	PP-02-25-Q2
FC24306-19F	04/30/25	14:36	CFND	05/01/25	AQ	Surface H2O Filtered	PP-02-25-Q2
FC24306-20	04/30/25	14:49	CFND	05/01/25	AQ	Surface Water	PP-01-25-Q2

Sample Summary
(continued)

EnviroScience

Job No: FC24306

Possum Point; VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC24306-20F	04/30/25	14:49	CFND	05/01/25	AQ	Surface H2O Filtered	PP-01-25-Q2
FC24306-21	04/30/25	15:07	CFND	05/01/25	AQ	Surface Water	QC-02-25-Q2
FC24306-21F	04/30/25	15:07	CFND	05/01/25	AQ	Surface H2O Filtered	QC-02-25-Q2
FC24306-22	04/30/25	15:21	CFND	05/01/25	AQ	Surface Water	QC-01-25-Q2
FC24306-22F	04/30/25	15:21	CFND	05/01/25	AQ	Surface H2O Filtered	QC-01-25-Q2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: EnviroScience **Job No:** FC24306

Site: Possum Point; VA **Report Date** 5/12/2025 6:59:59 PM

Between 04/30/2025 and 05/01/2025, 18 Sample(s), 0 Trip Blank(s), 2 Equip. Blank(s) and 2 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 4 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC24306 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP45681

Sample(s) FC24306-11FDUP, FC24306-11FMS, FC24306-11FMSD, FC24306-11FPS, FC24306-11FSDL were used as the QC samples for metals.

RPD(s) for Serial Dilution for Boron are outside control limits for sample MP45681-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: AQ **Batch ID:** MP45687

Sample(s) FC24414-6DUP, FC24414-6MS, FC24414-6MSD, FC24414-6PS, FC24414-6SDL were used as the QC samples for metals.

Metals Analysis By Method SW846 6020B

Matrix: AQ **Batch ID:** MP45675

Sample(s) FC24306-11FDUP, FC24306-11FMS, FC24306-11FMSD, FC24306-11FPS, FC24306-11FSDL were used as the QC samples for metals.

RPD(s) for Duplicate for Antimony, Thallium are outside control limits for sample MP45675-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Antimony, Arsenic, Copper, Nickel, Thallium, Zinc are outside control limits for sample MP45675-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP45675-PS1 for Antimony: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP45675-PS1 for Magnesium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP45675-PS1 for Calcium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP45675-PS1 for Silver: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

FC24306-1 for Thallium: Analyte detected in the associated ICB.

FC24306-11F for Thallium: Analyte detected in the associated ICB.

FC24306-2F for Thallium: Analyte detected in the associated ICB.

FC24306-3F for Thallium: Analyte detected in the associated ICB.

Matrix: AQ **Batch ID:** MP45693

Sample(s)FC24360-7DUP, FC24360-7MS, FC24360-7MSD, FC24360-7PS, FC24360-7SDL were used as the QC samples for metals.

Matrix Spike Recovery(s) for Calcium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPD(s) for Duplicate for Antimony, Thallium are outside control limits for sample MP45693-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD(s) for Serial Dilution for Antimony, Arsenic, Chromium, Copper, Selenium, Thallium, Zinc are outside control limits for sample MP45693-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP45693-PS1 for Silver: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP45693-PS1 for Calcium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

MP45693-PS1 for Magnesium: Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

Metals Analysis By Method SW846 7470A

Matrix: AQ **Batch ID:** MP45670

Sample(s) FC24291-1MS, FC24291-1MSD, FC24291-1SDL, FC24291-1DUP were used as the QC samples for metals.

RPD(s) for Duplicate for Mercury are outside control limits for sample MP45670-D1. RPD acceptable due to low duplicate and sample concentrations.

Matrix: AQ **Batch ID:** MP45671

Sample(s) FC24306-11FDUP, FC24306-11FMS, FC24306-11FMSD, FC24306-11FSDL were used as the QC samples for metals.

Matrix: AQ **Batch ID:** MP45683

Sample(s) FC24306-17FDUP, FC24306-17FMS, FC24306-17FMSD, FC24306-17FSDL were used as the QC samples for metals.

Matrix: AQ **Batch ID:** MP45689

Sample(s) FC24420-6DUP, FC24420-6MS, FC24420-6MSD, FC24420-6SDL were used as the QC samples for metals.

General Chemistry By Method SM19 2340B

Matrix: AQ **Batch ID:** R66130

FC24306-11F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66133

FC24306-1 for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66135

FC24306-2F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66137

FC24306-3F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66139

FC24306-4F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66141

FC24306-5F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66143

FC24306-6F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66145

FC24306-7F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66146

FC24306-8F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66147

FC24306-10F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66149

FC24306-12F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66152

FC24306-13F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66154

FC24306-15 for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66155

FC24306-16F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66156

FC24306-17F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66157

FC24306-18F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66159

FC24306-9F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66160

FC24306-14F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66161

FC24306-20F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

General Chemistry By Method SM19 2340B

Matrix: AQ **Batch ID:** R66162

FC24306-19F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66246

FC24306-21F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Matrix: AQ **Batch ID:** R66249

FC24306-22F for Hardness, Total as CaCO3: Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

General Chemistry By Method SW846 6010/7196A M

Matrix: AQ **Batch ID:** R66129

FC24306-11F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66131

FC24306-8F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66132

FC24306-1 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66134

FC24306-2F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66136

FC24306-3F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66138

FC24306-4F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66140

FC24306-5F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66142

FC24306-6F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66144

FC24306-7F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66148

FC24306-10F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66150

FC24306-12F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66151

FC24306-13F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66153

FC24306-14F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66158

FC24306-9F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66163

FC24306-17F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66164

FC24306-18F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66165

FC24306-19F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66166

FC24306-20F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66167

FC24306-16F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66168

FC24306-15 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: AQ **Batch ID:** R66247

FC24306-21F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

General Chemistry By Method SW846 6010/7196A M

Matrix: AQ **Batch ID:** R66248

FC24306-22F for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

General Chemistry By Method SW846 7199

Matrix: AQ **Batch ID:** GP41385

Sample(s) FC24306-11FMS, FC24306-11FMSD were used as the QC samples for Chromium, Hexavalent.

FC24306-1 for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-2F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-3F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-4F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-5F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-6F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-7F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-8F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-9F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-12F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-13F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

FC24306-14F for Chromium, Hexavalent: Analyzed beyond the recommended holding time.

Matrix: AQ **Batch ID:** GP41391

Sample(s) FC24306-16FMS, FC24306-16FMSD were used as the QC samples for Chromium, Hexavalent.

FC24306-15 for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-16F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-17F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-18F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-19F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-20F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-21F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

FC24306-22F for Chromium, Hexavalent: Originally ran in hold on 05-01-25. Re-ran out of hold.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Kim Benham, Report Generation (signature on file)

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FC24306-1	**FB-01-25-Q2**					
Thallium [a]		0.66 JB	2.0	0.20	ug/l	SW846 6020B
Zinc		4.9 J	10	1.7	ug/l	SW846 6020B
FC24306-2F	**EB-01-25-Q2**					
Thallium [a]		0.37 JB	2.0	0.20	ug/l	SW846 6020B
Zinc		6.2 J	10	1.7	ug/l	SW846 6020B
FC24306-3F	**PP-11-25-Q2**					
Arsenic		0.45 J	2.0	0.21	ug/l	SW846 6020B
Boron		34.3 J	100	10	ug/l	SW846 6010D
Calcium		27800	2000	360	ug/l	SW846 6020B
Copper		1.5 J	10	1.0	ug/l	SW846 6020B
Lithium		2.1 J	10	1.3	ug/l	SW846 6010D
Magnesium		11200	200	50	ug/l	SW846 6020B
Nickel		0.94 J	4.0	0.40	ug/l	SW846 6020B
Thallium [a]		0.24 JB	2.0	0.20	ug/l	SW846 6020B
Zinc		6.2 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		116	5.8	1.1	mg/l	SM19 2340B
FC24306-4F	**PP-12-25-Q2**					
Arsenic		0.46 J	2.0	0.21	ug/l	SW846 6020B
Boron		29.7 J	100	10	ug/l	SW846 6010D
Calcium		28700	2000	360	ug/l	SW846 6020B
Copper		1.2 J	10	1.0	ug/l	SW846 6020B
Lithium		3.2 J	10	1.3	ug/l	SW846 6010D
Magnesium		10500	200	50	ug/l	SW846 6020B
Nickel		0.98 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.9 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		115	5.8	1.1	mg/l	SM19 2340B
FC24306-5F	**PP-12-25-Q2-FD**					
Arsenic		0.48 J	2.0	0.21	ug/l	SW846 6020B
Boron		29.5 J	100	10	ug/l	SW846 6010D
Calcium		28100	2000	360	ug/l	SW846 6020B
Cobalt		0.20 J	2.0	0.20	ug/l	SW846 6020B
Copper		1.2 J	10	1.0	ug/l	SW846 6020B
Lithium		2.6 J	10	1.3	ug/l	SW846 6010D
Magnesium		10400	200	50	ug/l	SW846 6020B
Nickel		1.0 J	4.0	0.40	ug/l	SW846 6020B

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Zinc		6.8 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		113	5.8	1.1	mg/l	SM19 2340B
FC24306-6F	**PR-01-25-Q2**					
Arsenic		0.47 J	2.0	0.21	ug/l	SW846 6020B
Boron		27.7 J	100	10	ug/l	SW846 6010D
Calcium		29000	2000	360	ug/l	SW846 6020B
Copper		1.0 J	10	1.0	ug/l	SW846 6020B
Lithium		3.8 J	10	1.3	ug/l	SW846 6010D
Magnesium		11000	200	50	ug/l	SW846 6020B
Nickel		0.97 J	4.0	0.40	ug/l	SW846 6020B
Zinc		6.3 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		118	5.8	1.1	mg/l	SM19 2340B
FC24306-7F	**PR-02-25-Q2**					
Arsenic		0.44 J	2.0	0.21	ug/l	SW846 6020B
Boron		35.8 J	100	10	ug/l	SW846 6010D
Calcium		27400	2000	360	ug/l	SW846 6020B
Lithium		2.5 J	10	1.3	ug/l	SW846 6010D
Magnesium		10300	200	50	ug/l	SW846 6020B
Nickel		0.86 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.9 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		111	5.8	1.1	mg/l	SM19 2340B
FC24306-8F	**PP-10-25-Q2**					
Arsenic		0.47 J	2.0	0.21	ug/l	SW846 6020B
Boron		34.7 J	100	10	ug/l	SW846 6010D
Calcium		27800	2000	360	ug/l	SW846 6020B
Cobalt		0.22 J	2.0	0.20	ug/l	SW846 6020B
Copper		1.1 J	10	1.0	ug/l	SW846 6020B
Lithium		3.6 J	10	1.3	ug/l	SW846 6010D
Magnesium		11900	200	50	ug/l	SW846 6020B
Nickel		1.0 J	4.0	0.40	ug/l	SW846 6020B
Zinc		6.2 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		118	5.8	1.1	mg/l	SM19 2340B
FC24306-9F	**PP-09-25-Q2**					
Arsenic		0.47 J	2.0	0.21	ug/l	SW846 6020B
Boron		34.9 J	100	10	ug/l	SW846 6010D
Calcium		29400	2000	360	ug/l	SW846 6020B
Cobalt		0.22 J	2.0	0.20	ug/l	SW846 6020B

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		1.0 J	10	1.0	ug/l	SW846 6020B
Lithium		4.1 J	10	1.3	ug/l	SW846 6010D
Magnesium		12600	200	50	ug/l	SW846 6020B
Nickel		1.1 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.5 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		125	5.8	1.1	mg/l	SM19 2340B
FC24306-10F	**PP-08-25-Q2**					
Arsenic		0.50 J	2.0	0.21	ug/l	SW846 6020B
Boron		36.6 J	100	10	ug/l	SW846 6010D
Calcium		28700	2000	360	ug/l	SW846 6020B
Lithium		3.5 J	10	1.3	ug/l	SW846 6010D
Magnesium		12500	200	50	ug/l	SW846 6020B
Nickel		0.98 J	4.0	0.40	ug/l	SW846 6020B
Zinc		6.6 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		123	5.8	1.1	mg/l	SM19 2340B
FC24306-11F	**PP-07-25-Q2**					
Antimony		0.23 J	2.0	0.20	ug/l	SW846 6020B
Arsenic		0.50 J	2.0	0.21	ug/l	SW846 6020B
Boron		35.7 J	100	10	ug/l	SW846 6010D
Calcium		28400	2000	360	ug/l	SW846 6020B
Lithium		4.5 J	10	1.3	ug/l	SW846 6010D
Magnesium		10800	200	50	ug/l	SW846 6020B
Nickel		0.98 J	4.0	0.40	ug/l	SW846 6020B
Thallium [a]		1.3 JB	2.0	0.20	ug/l	SW846 6020B
Zinc		5.3 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		115	5.8	1.1	mg/l	SM19 2340B
FC24306-12F	**PP-06-25-Q2**					
Arsenic		0.50 J	2.0	0.21	ug/l	SW846 6020B
Boron		38.3 J	100	10	ug/l	SW846 6010D
Calcium		28800	2000	360	ug/l	SW846 6020B
Cobalt		0.25 J	2.0	0.20	ug/l	SW846 6020B
Lithium		4.5 J	10	1.3	ug/l	SW846 6010D
Magnesium		11500	200	50	ug/l	SW846 6020B
Nickel		1.3 J	4.0	0.40	ug/l	SW846 6020B
Zinc		7.1 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		119	5.8	1.1	mg/l	SM19 2340B

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FC24306-13F	**PP-05-25-Q2**					
Antimony		0.26 J	2.0	0.20	ug/l	SW846 6020B
Arsenic		0.61 J	2.0	0.21	ug/l	SW846 6020B
Boron		72.8 J	100	10	ug/l	SW846 6010D
Calcium		27900	2000	360	ug/l	SW846 6020B
Copper		1.8 J	10	1.0	ug/l	SW846 6020B
Lithium		2.7 J	10	1.3	ug/l	SW846 6010D
Magnesium		11200	200	50	ug/l	SW846 6020B
Nickel		1.4 J	4.0	0.40	ug/l	SW846 6020B
Zinc		7.2 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		116	5.8	1.1	mg/l	SM19 2340B
FC24306-14F	**PP-04-25-Q2**					
Antimony		0.20 J	2.0	0.20	ug/l	SW846 6020B
Arsenic		0.49 J	2.0	0.21	ug/l	SW846 6020B
Boron		46.9 J	100	10	ug/l	SW846 6010D
Calcium		26000	2000	360	ug/l	SW846 6020B
Lithium		4.3 J	10	1.3	ug/l	SW846 6010D
Magnesium		10300	200	50	ug/l	SW846 6020B
Nickel		2.3 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.9 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		107	5.8	1.1	mg/l	SM19 2340B
FC24306-15	**FB-02-25-Q2**					
Zinc		5.9 J	10	1.7	ug/l	SW846 6020B
FC24306-16F	**EB-02-25-Q2**					
Zinc		5.3 J	10	1.7	ug/l	SW846 6020B
FC24306-17F	**PP-03-25-Q2**					
Arsenic		0.47 J	2.0	0.21	ug/l	SW846 6020B
Boron		33.6 J	100	10	ug/l	SW846 6010D
Calcium		28700	2000	360	ug/l	SW846 6020B
Lithium		2.9 J	10	1.3	ug/l	SW846 6010D
Magnesium		12000	200	50	ug/l	SW846 6020B
Nickel		1.1 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.7 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		121	5.8	1.1	mg/l	SM19 2340B

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FC24306-18F	**PP-03-25-Q2-FD**					
Arsenic		0.46 J	2.0	0.21	ug/l	SW846 6020B
Boron		35.3 J	100	10	ug/l	SW846 6010D
Calcium		28600	2000	360	ug/l	SW846 6020B
Lithium		1.7 J	10	1.3	ug/l	SW846 6010D
Magnesium		11900	200	50	ug/l	SW846 6020B
Nickel		1.0 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.7 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		120	5.8	1.1	mg/l	SM19 2340B
FC24306-19F	**PP-02-25-Q2**					
Arsenic		0.62 J	2.0	0.21	ug/l	SW846 6020B
Boron		36.4 J	100	10	ug/l	SW846 6010D
Calcium		29500	2000	360	ug/l	SW846 6020B
Cobalt		0.20 J	2.0	0.20	ug/l	SW846 6020B
Lithium		3.3 J	10	1.3	ug/l	SW846 6010D
Magnesium		11900	200	50	ug/l	SW846 6020B
Nickel		1.2 J	4.0	0.40	ug/l	SW846 6020B
Zinc		5.5 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		123	5.8	1.1	mg/l	SM19 2340B
FC24306-20F	**PP-01-25-Q2**					
Arsenic		0.82 J	2.0	0.21	ug/l	SW846 6020B
Boron		35.1 J	100	10	ug/l	SW846 6010D
Calcium		27800	2000	360	ug/l	SW846 6020B
Cobalt		0.29 J	2.0	0.20	ug/l	SW846 6020B
Lithium		1.8 J	10	1.3	ug/l	SW846 6010D
Magnesium		11300	200	50	ug/l	SW846 6020B
Nickel		1.4 J	4.0	0.40	ug/l	SW846 6020B
Zinc		6.1 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		116	5.8	1.1	mg/l	SM19 2340B
FC24306-21F	**QC-02-25-Q2**					
Arsenic		0.63 J	2.0	0.21	ug/l	SW846 6020B
Boron		22.1 J	100	10	ug/l	SW846 6010D
Calcium		21200	2000	360	ug/l	SW846 6020B
Chromium		0.24 J	2.0	0.20	ug/l	SW846 6020B
Cobalt		0.27 J	2.0	0.20	ug/l	SW846 6020B
Copper		1.2 J	10	1.0	ug/l	SW846 6020B
Lithium		5.5 J	10	1.3	ug/l	SW846 6010D
Magnesium		8650	200	50	ug/l	SW846 6020B

Summary of Hits

Job Number: FC24306
Account: EnviroScience
Project: Possum Point; VA
Collected: 04/29/25 thru 04/30/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Nickel		1.0 J	4.0	0.40	ug/l	SW846 6020B
Zinc		6.0 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		88.6	5.8	1.1	mg/l	SM19 2340B
FC24306-22F	**QC-01-25-Q2**					
Arsenic		0.69 J	2.0	0.21	ug/l	SW846 6020B
Boron		22.3 J	100	10	ug/l	SW846 6010D
Calcium		20600	2000	360	ug/l	SW846 6020B
Chromium		0.26 J	2.0	0.20	ug/l	SW846 6020B
Cobalt		0.36 J	2.0	0.20	ug/l	SW846 6020B
Copper		1.4 J	10	1.0	ug/l	SW846 6020B
Lithium		5.6 J	10	1.3	ug/l	SW846 6010D
Magnesium		8360	200	50	ug/l	SW846 6020B
Nickel		1.2 J	4.0	0.40	ug/l	SW846 6020B
Zinc		7.7 J	10	1.7	ug/l	SW846 6020B
Hardness, Total as CaCO3 [b]		85.9	5.8	1.1	mg/l	SM19 2340B

(a) Analyte detected in the associated ICB.
(b) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: FB-01-25-Q2
Lab Sample ID: FC24306-1
Matrix: AQ - Field Blank Water
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.21 U	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	10 U	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	360 U	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	1.3 U	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	50 U	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/06/25	05/06/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	0.40 U	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium [a]	0.66 JB	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	4.9 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21051
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45689

(a) Analyte detected in the associated ICB.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FB-01-25-Q2		
Lab Sample ID:	FC24306-1	**Date Sampled:**	04/29/25
Matrix:	AQ - Field Blank Water	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 17:19	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 16:47	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	1.1 U	5.8	1.1	mg/l	1	05/02/25 16:47	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: EB-01-25-Q2
Lab Sample ID: FC24306-2F
Matrix: AQ - Equip Blank Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.21 U	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	10 U	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	360 U	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	1.3 U	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	50 U	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.40 U	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium [a]	0.37 JB	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	6.2 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45670
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

(a) Analyte detected in the associated ICB.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	EB-01-25-Q2		
Lab Sample ID:	FC24306-2F	**Date Sampled:**	04/29/25
Matrix:	AQ - Equip Blank Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 17:48	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 16:53	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	1.1 U	5.8	1.1	mg/l	1	05/02/25 16:53	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-11-25-Q2
Lab Sample ID: FC24306-3F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.45 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	34.3 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	27800	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.5 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	2.1 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	11200	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.94 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium [a]	0.24 JB	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	6.2 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45670
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

(a) Analyte detected in the associated ICB.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-11-25-Q2		
Lab Sample ID:	FC24306-3F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 18:18	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:16	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	116	5.8	1.1	mg/l	1	05/02/25 17:16	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-12-25-Q2
Lab Sample ID: FC24306-4F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.46 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	29.7 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	28700	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.2 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	3.2 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	10500	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.98 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	5.9 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45670
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-12-25-Q2		
Lab Sample ID:	FC24306-4F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 18:48	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:21	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	115	5.8	1.1	mg/l	1	05/02/25 17:21	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-12-25-Q2-FD
Lab Sample ID: FC24306-5F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.48 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	29.5 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	28100	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.2 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	2.6 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	10400	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	6.8 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45670
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-12-25-Q2-FD		
Lab Sample ID:	FC24306-5F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 19:18	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:27	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	113	5.8	1.1	mg/l	1	05/02/25 17:27	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PR-01-25-Q2
Lab Sample ID: FC24306-6F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.47 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	27.7 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	29000	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	3.8 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	11000	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/06/25	05/06/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	0.97 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	6.3 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21051
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45689

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PR-01-25-Q2		
Lab Sample ID:	FC24306-6F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 20:17	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:33	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	118	5.8	1.1	mg/l	1	05/02/25 17:33	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PR-02-25-Q2
Lab Sample ID: FC24306-7F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.44 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	35.8 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	27400	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	2.5 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	10300	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.86 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	5.9 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PR-02-25-Q2		
Lab Sample ID:	FC24306-7F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 20:47	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:39	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	111	5.8	1.1	mg/l	1	05/02/25 17:39	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-10-25-Q2
Lab Sample ID: FC24306-8F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.47 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	34.7 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	27800	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.22 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.1 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	3.6 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	11900	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	6.2 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-10-25-Q2		
Lab Sample ID:	FC24306-8F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 21:16	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:44	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	118	5.8	1.1	mg/l	1	05/02/25 17:44	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-09-25-Q2
Lab Sample ID: FC24306-9F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.47 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	34.9 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	29400	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.22 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	4.1 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	12600	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.1 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	5.5 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-09-25-Q2		
Lab Sample ID:	FC24306-9F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 21:46	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:50	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	125	5.8	1.1	mg/l	1	05/02/25 17:50	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-08-25-Q2
Lab Sample ID: FC24306-10F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.50 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	36.6 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	28700	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	3.5 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	12500	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.98 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	6.6 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-08-25-Q2		
Lab Sample ID:	FC24306-10F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 14:50	SS	SW846 7199
Chromium, Trivalent [a]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 17:56	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [b]	123	5.8	1.1	mg/l	1	05/02/25 17:56	JC	SM19 2340B

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)
(b) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-07-25-Q2
Lab Sample ID: FC24306-11F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.23 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.50 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	35.7 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	28400	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	4.5 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	10800	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.98 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium [a]	1.3 JB	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	5.3 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

(a) Analyte detected in the associated ICB.

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-07-25-Q2		
Lab Sample ID:	FC24306-11F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 15:20	SS	SW846 7199
Chromium, Trivalent [a]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 16:13	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [b]	115	5.8	1.1	mg/l	1	05/02/25 16:13	JC	SM19 2340B

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)
(b) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-06-25-Q2
Lab Sample ID: FC24306-12F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.50 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	38.3 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	28800	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.25 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	4.5 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	11500	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.3 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	7.1 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-06-25-Q2		
Lab Sample ID:	FC24306-12F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 15:50	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:02	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	119	5.8	1.1	mg/l	1	05/02/25 18:02	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-05-25-Q2
Lab Sample ID: FC24306-13F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.26 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.61 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	72.8 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	27900	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.8 J	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	2.7 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	11200	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.4 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	7.2 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-05-25-Q2		
Lab Sample ID:	FC24306-13F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 16:19	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:07	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	116	5.8	1.1	mg/l	1	05/02/25 18:07	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-04-25-Q2
Lab Sample ID: FC24306-14F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/29/25
Date Received: 04/30/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Arsenic	0.49 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Boron	46.9 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Calcium	26000	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Lithium	4.3 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [6]
Magnesium	10300	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/01/25	05/01/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	2.3 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]
Zinc	5.9 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA21040
(2) Instrument QC Batch: MA21047
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45671
(5) Prep QC Batch: MP45675
(6) Prep QC Batch: MP45681

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-04-25-Q2		
Lab Sample ID:	FC24306-14F	**Date Sampled:**	04/29/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	04/30/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	04/30/25 16:49	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:30	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	107	5.8	1.1	mg/l	1	05/02/25 18:30	JC	SM19 2340B

(a) Analyzed beyond the recommended holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: FB-02-25-Q2
Lab Sample ID: FC24306-15
Matrix: AQ - Field Blank Water
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.21 U	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	10 U	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	360 U	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	1.3 U	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	50 U	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/06/25	05/06/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	0.40 U	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	5.9 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21051
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45689

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FB-02-25-Q2		
Lab Sample ID:	FC24306-15	**Date Sampled:**	04/30/25
Matrix:	AQ - Field Blank Water	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 12:54	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:36	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	1.1 U	5.8	1.1	mg/l	1	05/02/25 18:36	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: EB-02-25-Q2
Lab Sample ID: FC24306-16F
Matrix: AQ - Equip Blank Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.21 U	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	10 U	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	360 U	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	1.3 U	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	50 U	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	0.40 U	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	5.3 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21048
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	EB-02-25-Q2		
Lab Sample ID:	FC24306-16F	**Date Sampled:**	04/30/25
Matrix:	AQ - Equip Blank Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 13:24	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:41	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	1.1 U	5.8	1.1	mg/l	1	05/02/25 18:41	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-03-25-Q2
Lab Sample ID: FC24306-17F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.47 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	33.6 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	28700	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	2.9 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	12000	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	1.1 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	5.7 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21048
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-03-25-Q2		
Lab Sample ID:	FC24306-17F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 13:54	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:47	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	121	5.8	1.1	mg/l	1	05/02/25 18:47	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-03-25-Q2-FD
Lab Sample ID: FC24306-18F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.46 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	35.3 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	28600	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	1.7 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	11900	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	1.0 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	5.7 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21048
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-03-25-Q2-FD		
Lab Sample ID:	FC24306-18F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 14:24	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:53	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	120	5.8	1.1	mg/l	1	05/02/25 18:53	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-02-25-Q2
Lab Sample ID: FC24306-19F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.62 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	36.4 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	29500	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.20 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	3.3 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	11900	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	1.2 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	5.5 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21048
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-02-25-Q2		
Lab Sample ID:	FC24306-19F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 14:53	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 18:59	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	123	5.8	1.1	mg/l	1	05/02/25 18:59	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: PP-01-25-Q2
Lab Sample ID: FC24306-20F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Arsenic	0.82 J	2.0	0.21	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Boron	35.1 J	100	10	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Calcium	27800	2000	360	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Chromium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Cobalt	0.29 J	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Copper	1.0 U	10	1.0	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lead	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Lithium	1.8 J	10	1.3	ug/l	1	05/02/25	05/08/25	LM	SW846 6010D [3]	SW846 3010A [5]
Magnesium	11300	200	50	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [2]	SW846 7470A [6]
Nickel	1.4 J	4.0	0.40	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Silver	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]
Zinc	6.1 J	10	1.7	ug/l	2	05/02/25	05/02/25	JC	SW846 6020B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA21047
(2) Instrument QC Batch: MA21048
(3) Instrument QC Batch: MA21058
(4) Prep QC Batch: MP45675
(5) Prep QC Batch: MP45681
(6) Prep QC Batch: MP45683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	PP-01-25-Q2		
Lab Sample ID:	FC24306-20F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 15:23	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/02/25 19:04	JC	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	116	5.8	1.1	mg/l	1	05/02/25 19:04	JC	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: QC-02-25-Q2
Lab Sample ID: FC24306-21F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Arsenic	0.63 J	2.0	0.21	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Boron	22.1 J	100	10	ug/l	1	05/05/25	05/06/25	HN	SW846 6010D [2]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Calcium	21200	2000	360	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Chromium	0.24 J	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Cobalt	0.27 J	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Copper	1.2 J	10	1.0	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Lead	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Lithium	5.5 J	10	1.3	ug/l	1	05/05/25	05/06/25	HN	SW846 6010D [2]	SW846 3010A [5]
Magnesium	8650	200	50	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 J	4.0	0.40	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Silver	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Zinc	6.0 J	10	1.7	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]

(1) Instrument QC Batch: MA21048
(2) Instrument QC Batch: MA21052
(3) Instrument QC Batch: MA21056
(4) Prep QC Batch: MP45683
(5) Prep QC Batch: MP45687
(6) Prep QC Batch: MP45693

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	QC-02-25-Q2		
Lab Sample ID:	FC24306-21F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 15:53	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/07/25 17:29	LM	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	88.6	5.8	1.1	mg/l	1	05/07/25 17:29	LM	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID: QC-01-25-Q2
Lab Sample ID: FC24306-22F
Matrix: AQ - Surface H2O Filtered
Project: Possum Point; VA

Date Sampled: 04/30/25
Date Received: 05/01/25
Percent Solids: n/a

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Arsenic	0.69 J	2.0	0.21	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Boron	22.3 J	100	10	ug/l	1	05/05/25	05/06/25	HN	SW846 6010D [2]	SW846 3010A [5]
Cadmium	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Calcium	20600	2000	360	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Chromium	0.26 J	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Cobalt	0.36 J	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Copper	1.4 J	10	1.0	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Lead	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Lithium	5.6 J	10	1.3	ug/l	1	05/05/25	05/06/25	HN	SW846 6010D [2]	SW846 3010A [5]
Magnesium	8360	200	50	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Mercury	0.030 U	0.50	0.030	ug/l	1	05/03/25	05/03/25	AK	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.2 J	4.0	0.40	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Selenium	0.22 U	2.0	0.22	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Silver	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Thallium	0.20 U	2.0	0.20	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]
Zinc	7.7 J	10	1.7	ug/l	2	05/06/25	05/07/25	LM	SW846 6020B [3]	SW846 3010A [6]

(1) Instrument QC Batch: MA21048
(2) Instrument QC Batch: MA21052
(3) Instrument QC Batch: MA21056
(4) Prep QC Batch: MP45683
(5) Prep QC Batch: MP45687
(6) Prep QC Batch: MP45693

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	QC-01-25-Q2		
Lab Sample ID:	FC24306-22F	**Date Sampled:**	04/30/25
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	05/01/25
		Percent Solids:	n/a
Project:	Possum Point; VA		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	0.0050 U	0.020	0.0050	mg/l	1	05/02/25 16:22	SS	SW846 7199
Chromium, Trivalent [b]	0.0067 U	0.022	0.0067	mg/l	1	05/07/25 17:35	LM	SW846 6010/7196A M
Hardness, Total as CaCO3 [c]	85.9	5.8	1.1	mg/l	1	05/07/25 17:35	LM	SM19 2340B

(a) Originally ran in hold on 05-01-25. Re-ran out of hold.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)
(c) Calculated as: (Calcium * 2.497) + (Magnesium * 4.118)

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS North America Inc - Orlando
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB # : PAGE 1 OF 2

SGS - ORLANDO Quote # SKIFF # FC24306

Client / Reporting Information

Company Name: ENVIROSCIENCE, INC
Address: 1100 ATHENS AVE, STE F
City: RICHMOND State: VA Zip: 23227
Project Contact: DAVE CZAYKA Email: DCZAYKA@ENVIROSCIENCEINC.COM
Phone #: (330) 606-5822
Sampler(s) Name(s) (Printed) Sampler 1: CORY FOX Sampler 2: NOAH DAVN

Project Information

Project Name: POSSUM POINT
Street
City State VA
Project #
Fax #
Client Purchase Order #

Analytical Information: CR3R, ICPMS, HG (Field Filt) | Li, B (Field Filtd) | XCR7199 (Field Filtered)

SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNA	DI WATER	MEOH	CR3R, ICPMS, HG	Li, B	XCR7199	LAB USE ONLY
1F	FB-01-25-Q2	4/29/2025	1304	CF, ND	WW	3		1			2					X	X	X	
2F	EB-01-25-Q2	↓	1311	↓	WW	↓		↓			↓					↓	↓	↓	
3F	PP-11-25-Q2	↓	1316	↓	SW	↓		↓			↓					↓	↓	↓	
4F	PP-12-25-Q2	↓	1336	↓	↓	↓		↓			↓					↓	↓	↓	
5F	PP-12-25-Q2-FD	↓	1336	↓	↓	↓		↓			↓					↓	↓	↓	
6F	PP-01-25-Q2	↓	1356	↓	↓	↓		↓			↓					↓	↓	↓	
7F	PP-02-25-Q2	↓	1411	↓	↓	↓		↓			↓					↓	↓	↓	
8F	PP-10-25-Q2	↓	1447	↓	↓	↓		↓			↓					↓	↓	↓	INITIAL ASSESSMENT
9F	PP-09-25-Q2	↓	1500	↓	↓	↓		↓			↓					↓	↓	↓	LABEL VERIFICATION
10F	PP-08-25-Q2	↓	1515	↓	↓	↓		↓			↓					↓	↓	↓	
11F	PP-07-25-Q2	↓	1535	↓	↓	↓		↓			↓					↓	↓	↓	
11F	PP-07-25-Q2-MS	↓	1535	↓	↓	↓		↓			↓					↓	↓	↓	

Turnaround Time (Business days)

- (10 Day (Business)) — circled
- ~~7 Day~~
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☐ COMMERCIAL "B" (RESULTS PLUS QC)
- ☑ REDT1 (EPA LEVEL 3)
- ☐ FULLT1 (EPA LEVEL 4)
- ☑ EDD'S

Comments / Remarks

ALL SAMPLES FIELD FILTERED EXCEPT
FB-01-25-Q2
CUSTODY SEAL #'s 09081, 09082
2 COOLERS

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 [signature] /ENVIROSCIENCE	4/29/2025 2000	2 FEDEX	3 FEDEX	4/30/25 0800	4 [signature]
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected): 2.4, 2.0 IR#1

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SGS North America Inc - Orlando
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB # : PAGE 2 OF 2

SGS - ORLANDO Quote # SKIFF # FC24306

Client / Reporting Information

Company Name: ENVIROSCIENCE INC
Address: 1100 ATHENS AVE, STE F
City: RICHMOND State: VA Zip: 23227
Project Contact: DALE CZARKA Email: DCZARKA@ENVIROSCIENCEINC.COM
Phone #: (330) 606-5822
Sampler(s) Name(s) (Printed) Sampler 1: CORY FOX Sampler 2: NOAH DAWN

Project Information

Project Name: POSSUM POINT
Street
City State VA
Project #
Fax #
Client Purchase Order #

Analytical Information: 7132, 1CPMS, HG (Field Filter); LI, B (Field Filter); XCR7199 (Field Filter)

SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNAC	DI WATER	MEOH	7132, 1CPMS, HG (Field Filter)	LI, B (Field Filter)	XCR7199 (Field Filter)	LAB USE ONLY
11F	PP-07-25-Q2-MSD	4/29/2025	1535	CF, ND	SW	3		1			2					X	X	X	
12F	PP-06-25-Q2	↓	1555	↓	↓	↓		↓			↓					↓	↓	↓	
13F	PP-05-25-Q2	↓	1610	↓	↓	↓		↓			↓					↓	↓	↓	
14F	PP-04-25-Q2	↓	1630	↓	↓	↓		↓			↓					↓	↓	↓	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

Turnaround Time (Business days)

- (circled) 10 Day (Business)
- 7 Day
- 5 Day
- 3 Day RUSH
- 2 Day RUSH
- 1 Day RUSH
- Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [x] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 [signature] / ENVIROSCIENCE	4/29/2025 2000	2 FEDEX	3 FEDEX	4/30/25 [illegible]	4 [signature]
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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FC24306: Chain of Custody
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SGS - Orlando Sample Receipt Summary

Job Number: fc24306 **Client:** ENVIROSCIENCE, INC **Project:** POSSUM POINT

Date / Time Received: 4/30/2025 8:00:00 AM **Delivery Method:** FEDEX OVERNIGHT **Airbill #'s:** 288109678339

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4); Cooler 2: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.8); Cooler 2: (2.4);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐

	W	or	S	N/A
3. Type of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: 226422

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

pH 10-12:

Other: (Specify) 0-14 210224

Comments

Sample Receipt Summary 112723 EK Technician: HALEIGHR Date: 4/30/2025 8:57:35 AM Reviewer: Date:

Job Change Order: FC24306

Requested Date:	5/2/2025	**Received Date:**	4/30/2025
Account Name:	EnviroScience	**Due Date:**	5/2/2025
Project Description:	Possum Point; VA	**Deliverable:**	REDT1
C/O Initiated By:	EVITA_MAR **PM:** EM	**TAT (Days):**	7

==========

Sample #: FC24306-1-14 **Dept:**

Client ID: **TAT:** 7

Change: Please run B and Li in SGS Orlando and cancel the analysis in SGS NJ

Above Changes Per: Evita Martinez **Date/Time:** 5/2/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

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FC24306

SGS

SGS North America Inc - Orlando
Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB # :

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SGS - ORLANDO Quote #

SKIFF # FC24344

Client / Reporting Information

Company Name: ENVIROSCIENCE INC
Address: 1100 ATHENS AVE, STE F
City: RICHMOND State: VA Zip: 23227
Project Contact: DALE CZAYKA Email: DCZAYKA@ENVIROSCIENCEINC.COM
Phone #: (330) 606-5822
Sampler(s) Name(s) (Printed)
Sampler 1: CORY FOX Sampler 2: NOAH DAUN

Project Information

Project Name: POSSUM POINT
Street
City
State VA
Project #
Fax #
Client Purchase Order #

Analytical Information: CR3E, TERMS, HG (field filter); Li, B (field filter); XCR 7199 (field filter)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

	SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNAC	DI WATER	MEOH	CR3E, TERMS, HG	Li, B	XCR 7199	LAB USE ONLY
15	1	FB-02-25-Q2	4/30/25	1402	CF, ND	WW	3		1			2					X	X	X	
16	2	EB-02-25-Q2	↓	1412	↓	WW	↓		↓			↓					↓	↓	↓	
17	3	PP-03-25-Q2	↓	1421	↓	SW	↓		↓			↓					↓	↓	↓	
18	4	PP-03-25-Q2-FD	↓	1421	↓	↓	↓		↓			↓					↓	↓	↓	
19	5	PP-02-25-Q2	↓	1436	↓	↓	↓		↓			↓					↓	↓	↓	
20	6	PP-01-25-Q2	↓	1449	↓	↓	↓		↓			↓					↓	↓	↓	
21	7	QC-02-25-Q2	↓	1507	↓	↓	↓		↓			↓					↓	↓	↓	
22	8	QC-01-25-Q2	↓	1521	↓	↓	↓		↓			↓					↓	↓	↓	

INITIAL ASSESSMENT
LABEL VERIFICATION

Turnaround Time (Business days)

- 10 Day (Business) (circled)
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☐ COMMERCIAL "B" (RESULTS PLUS QC)
- ☑ REDT1 (EPA LEVEL 3)
- ☐ FULLT1 (EPA LEVEL 4)
- ☑ EDD'S

Comments / Remarks

ALL SAMPLES FIELD FILTERED EXCEPT FB-02-25-Q2

CUSTODY SEAL # 09085

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Cory Fox / ENVIROSCIENCE	4/30/2025 1900	2 FEDEX	3	5/1/25 1000	4
Relinquished by/Affiliation 5	Date Time:	Received By/Affiliation 6	Relinquished By/Affiliation 7	Date Time:	Received By/Affiliation 8

Lab Use Only : Cooler Temperature (s) Celsius (corrected): 4.0 IR #1

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Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:25	MA21040-STD1	1		STD2
15:26	MA21040-STD2	1		STD3
15:28	MA21040-STD3	1		STD4
15:29	MA21040-STD4	1		STD5
15:30	MA21040-STD5	1		STD6
15:32	MA21040-CCV1	1		
15:33	MA21040-CCB1	1		
15:34	MA21040-ICV1	1		
15:36	MA21040-ICB1	1		
15:37	MA21040-CRI1	1		
15:38	MP45668-MB1	1		
15:39	MP45668-B1	1		
15:41	FC24031-1L	1		(sample used for QC only; not part of login FC24306)
15:42	MP45668-D1	1		
15:43	MP45668-SD1	5		
15:45	MP45668-S1	1		
15:46	MP45668-S2	1		
15:47	MA21040-CCV2	1		
15:48	MA21040-CCB2	1		
15:50	ZZZZZZ	1		
15:51	ZZZZZZ	1		
15:52	ZZZZZZ	1		
15:54	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:56	ZZZZZZ	1		
15:57	ZZZZZZ	1		
15:59	ZZZZZZ	1		
16:00	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:03	MA21040-CCV3	1		
16:04	MA21040-CCB3	1		
16:05	ZZZZZZ	1		
16:06	MP45668-MB2	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:08	MP45668-B2	1		
16:09	MP45668-MB3	1		
16:10	MP45668-B3	1		
16:12	MP45669-MB1	1		
16:13	MP45669-B1	1		
16:14	MP45669-B2	1		
16:15	FC24275-2	1		(sample used for QC only; not part of login FC24306)
16:17	MP45669-D1	1		
16:18	MA21040-CCV4	1		
16:19	MA21040-CCB4	1		
16:21	MP45669-SD1	5		
16:22	MP45669-MB2	1		
16:23	MP45669-B3	1		
16:24	MP45670-MB1	1		
16:26	MP45670-B1	1		
16:27	FC24291-1	1		(sample used for QC only; not part of login FC24306)
16:28	MP45670-D1	1		
16:30	MP45670-SD1	5		
16:31	MP45670-S1	1		
16:32	MP45670-S2	1		
16:33	MA21040-CCV5	1		
16:35	MA21040-CCB5	1		
16:37	FC24306-2F	1		
16:39	FC24306-3F	1		
16:40	FC24306-4F	1		
16:41	FC24306-5F	1		
16:43	ZZZZZZ	1		
16:44	ZZZZZZ	1		
16:45	ZZZZZZ	1		
16:46	ZZZZZZ	1		
16:48	ZZZZZZ	1		
16:49	MA21040-CCV6	1		
16:50	MA21040-CCB6	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:52	ZZZZZZ	1		
16:56	MP45671-MB1	1		
16:57	MP45671-B1	1		
16:58	FC24306-11F	1		
16:59	MP45671-D1	1		
17:01	MP45671-SD1	5		
17:02	MP45671-S1	1		
17:03	MP45671-S2	1		
17:05	FC24306-7F	1		
17:06	MA21040-CCV7	1		
17:07	MA21040-CCB7	1		
17:08	FC24306-8F	1		
17:10	FC24306-9F	1		
17:11	FC24306-10F	1		
17:12	FC24306-12F	1		
17:14	FC24306-13F	1		
17:15	FC24306-14F	1		
---------->	Last reportable sample/prep for job FC24306			
17:16	ZZZZZZ	1		
17:17	ZZZZZZ	1		
17:19	ZZZZZZ	1		
17:20	ZZZZZZ	1		
17:21	MA21040-CCV8	1		
17:23	MA21040-CCB8	1		
17:24	ZZZZZZ	1		
17:25	ZZZZZZ	1		
17:27	ZZZZZZ	1		
17:43	ZZZZZZ	100		
17:54	MA21040-CRI2	1		
17:55	MA21040-CCV9	1		
17:57	MA21040-CCB9	1		
---------->	Last reportable CCB for job FC24306			

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
15:32	MA21040-CCV1	1	X	
15:33	MA21040-CCB1	1	X	
15:34	MA21040-ICV1	1	X	
15:36	MA21040-ICB1	1	X	
15:37	MA21040-CRI1	1	X	
15:38	MP45668-MB1	1	X	
15:39	MP45668-B1	1	X	
15:41	FC24031-1L	1	X	(a)
15:42	MP45668-D1	1	X	
15:43	MP45668-SD1	5	X	
15:45	MP45668-S1	1	X	
15:46	MP45668-S2	1	X	
15:47	MA21040-CCV2	1	X	
15:48	MA21040-CCB2	1	X	
15:50	ZZZZZZ	1		
15:51	ZZZZZZ	1		
15:52	ZZZZZZ	1		
15:54	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:56	ZZZZZZ	1		
15:57	ZZZZZZ	1		
15:59	ZZZZZZ	1		
16:00	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:03	MA21040-CCV3	1	X	
16:04	MA21040-CCB3	1	X	
16:05	ZZZZZZ	1		
16:06	MP45668-MB2	1	X	
16:08	MP45668-B2	1	X	
16:09	MP45668-MB3	1	X	
16:10	MP45668-B3	1	X	
16:12	MP45669-MB1	1	X	
16:13	MP45669-B1	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
16:14	MP45669-B2	1	X	
16:15	FC24275-2	1	X	(a)
16:17	MP45669-D1	1	X	
16:18	MA21040-CCV4	1	X	
16:19	MA21040-CCB4	1	X	
16:21	MP45669-SD1	5	X	
16:22	MP45669-MB2	1	X	
16:23	MP45669-B3	1	X	
16:24	MP45670-MB1	1	X	
16:26	MP45670-B1	1	X	
16:27	FC24291-1	1	X	(a)
16:28	MP45670-D1	1	X	
16:30	MP45670-SD1	5	X	
16:31	MP45670-S1	1	X	
16:32	MP45670-S2	1	X	
16:33	MA21040-CCV5	1	X	
16:35	MA21040-CCB5	1	X	
16:37	FC24306-2F	1	X	
16:39	FC24306-3F	1	X	
16:40	FC24306-4F	1	X	
16:41	FC24306-5F	1	X	
16:43	ZZZZZZ	1		
16:44	ZZZZZZ	1		
16:45	ZZZZZZ	1		
16:46	ZZZZZZ	1		
16:48	ZZZZZZ	1		
16:49	MA21040-CCV6	1	X	
16:50	MA21040-CCB6	1	X	
16:52	ZZZZZZ	1		
16:56	MP45671-MB1	1	X	
16:57	MP45671-B1	1	X	
16:58	FC24306-11F	1	X	
16:59	MP45671-D1	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21040
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg
17:01	MP45671-SD1	5	X
17:02	MP45671-S1	1	X
17:03	MP45671-S2	1	X
17:05	FC24306-7F	1	X
17:06	MA21040-CCV7	1	X
17:07	MA21040-CCB7	1	X
17:08	FC24306-8F	1	X
17:10	FC24306-9F	1	X
17:11	FC24306-10F	1	X
17:12	FC24306-12F	1	X
17:14	FC24306-13F	1	X
17:15	FC24306-14F	1	X
17:16	ZZZZZZ	1	
17:17	ZZZZZZ	1	
17:19	ZZZZZZ	1	
17:20	ZZZZZZ	1	
17:21	MA21040-CCV8	1	X
17:23	MA21040-CCB8	1	X
17:24	ZZZZZZ	1	
17:25	ZZZZZZ	1	
17:27	ZZZZZZ	1	
17:43	ZZZZZZ	100	
17:54	MA21040-CRI2	1	X
17:55	MA21040-CCV9	1	X
17:57	MA21040-CCB9	1	X

(a) Sample used for QC only; not part of login FC24306.

Element: Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21040 Units: ug/l

Time: / Sample ID:			15:33 CCB1		15:36 ICB1		15:48 CCB2		16:04 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0320	<0.50	-0.0360	<0.50	-0.0350	<0.50	-0.0310	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21040 Units: ug/l

Time: / Sample ID:			16:19 CCB4		16:35 CCB5		16:50 CCB6		17:07 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0280	<0.50	-0.0300	<0.50	-0.0290	<0.50	-0.0340	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21040 Units: ug/l

Time:			17:23		17:57	
Sample ID:			CCB8		CCB9	
Metal	RL	IDL	raw	final	raw	final
Mercury	0.50	.03	-0.0310	<0.50	-0.0310	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21040 Units: ug/l

Time:		15:32			15:34			15:47	
Sample ID:	CCV	CCV1		ICV	ICV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.01	100.3	3.0	3.00	100.0	3.0	3.00	100.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21040 Units: ug/l

Time:		16:03			16:18			16:33	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.02	100.7	3	3.02	100.7	3	2.99	99.7

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21040 Units: ug/l

Time:		16:49			17:06			17:21	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.00	100.0	3	2.97	99.0	3	2.96	98.7

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21040 Units: ug/l

Time:		17:55	
Sample ID:	CCV	CCV9	
Metal	True	Results	% Rec
Mercury	3	2.97	99.0

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60501W1.CSV Date Analyzed: 05/01/25 Methods: SW846 7470A
QC Limits: 80 to 120 % Recovery Run ID: MA21040 Units: ug/l

Time:			15:37		17:54	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.185	92.5	0.216	108.0

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:39	MA21047-STD1	1		STDA
10:45	MA21047-STD2	1		STDB
10:50	MA21047-STD3	1		STDC
10:56	MA21047-STD4	1		STDD
11:02	MA21047-STD5	1		STDE
11:08	MA21047-STD6	1		STDF
11:13	MA21047-STD7	1		STDG
11:18	MA21047-HSTD1	1		
11:24	MA21047-HSTD2	1		
11:29	MA21047-ICV1	1		
11:35	MA21047-ICB1	1		
11:40	MA21047-CRIA1	1		
11:46	MA21047-CRIA2	1		
11:52	MA21047-ICSA1	1		
11:58	MA21047-ICSAB1	1		
12:03	MA21047-CCV1	1		
12:09	MA21047-CCV2	1		
12:14	MA21047-CCB1	1		
12:20	ZZZZZZ	100		
12:26	MA21047-CCV3	1		
12:32	MA21047-CCV4	1		
12:37	MA21047-CCB2	1		
15:45	MA21047-CCV5	1		
15:51	MA21047-CCV6	1		
15:56	MA21047-CCB3	1		
16:02	MP45675-MB1	2		
16:08	MP45675-B1	2		
16:13	FC24306-11F	2		
16:19	MP45675-D1	2		
16:25	MP45675-SD1	10		
16:30	MP45675-S1	2		
16:36	MP45675-S2	2		
16:41	MP45675-PS1	2		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:47	FC24306-1	2		
16:53	FC24306-2F	2		
16:59	MA21047-CCV7	1		
17:04	MA21047-CCV8	1		
17:10	MA21047-CCB4	1		
17:16	FC24306-3F	2		
17:21	FC24306-4F	2		
17:27	FC24306-5F	2		
17:33	FC24306-6F	2		
17:39	FC24306-7F	2		
17:44	FC24306-8F	2		
17:50	FC24306-9F	2		
17:56	FC24306-10F	2		
18:02	FC24306-12F	2		
18:07	FC24306-13F	2		
18:13	MA21047-CCV9	1		
18:19	MA21047-CCV10	1		
18:24	MA21047-CCB5	1		
18:30	FC24306-14F	2		
18:36	FC24306-15	2		
18:41	FC24306-16F	2		
18:47	FC24306-17F	2		
18:53	FC24306-18F	2		
18:59	FC24306-19F	2		
19:04	FC24306-20F	2		
---------->	Last reportable sample/prep for job FC24306			
19:10	MA21047-CCV11	1		
19:16	MA21047-CCV12	1		
19:21	MA21047-CCB6	1		
---------->	Last reportable CCB for job FC24306			

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Element: Dilution	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn
11:18	MA21047-HSTD1	1												X		
11:24	MA21047-HSTD2	1	X	X	X	X	X	X	X	X	X	X	X		X	X
11:29	MA21047-ICV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11:35	MA21047-ICB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11:40	MA21047-CRIA1	1	X	X	X	X	X	X		X	X	X	X	X	X	
11:46	MA21047-CRIA2	1							X							X
11:52	MA21047-ICSA1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11:58	MA21047-ICSAB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12:03	MA21047-CCV1	1												X		
12:09	MA21047-CCV2	1	X	X	X	X	X	X	X	X	X	X	X		X	X
12:14	MA21047-CCB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12:20	ZZZZZZ	100														
12:26	MA21047-CCV3	1												X		
12:32	MA21047-CCV4	1	X	X	X	X	X	X	X	X	X	X	X		X	X
12:37	MA21047-CCB2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15:45	MA21047-CCV5	1												X		
15:51	MA21047-CCV6	1	X	X	X	X	X	X	X	X	X	X	X		X	X
15:56	MA21047-CCB3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:02	MP45675-MB1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:08	MP45675-B1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:13	FC24306-11F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:19	MP45675-D1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:25	MP45675-SD1	10	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:30	MP45675-S1	2	X	X	X		X	X	X	X	X	X	X	X	X	X
16:36	MP45675-S2	2	X	X	X		X	X	X	X	X	X	X	X	X	X
16:41	MP45675-PS1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:47	FC24306-1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:53	FC24306-2F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16:59	MA21047-CCV7	1												X		
17:04	MA21047-CCV8	1	X	X	X	X	X	X	X	X	X	X	X		X	X
17:10	MA21047-CCB4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:16	FC24306-3F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:21	FC24306-4F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Element:	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Element: / Dilution	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn
17:27	FC24306-5F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:33	FC24306-6F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:39	FC24306-7F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:44	FC24306-8F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:50	FC24306-9F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17:56	FC24306-10F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:02	FC24306-12F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:07	FC24306-13F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:13	MA21047-CCV9	1												X		
18:19	MA21047-CCV10	1	X	X	X	X	X	X	X	X	X	X	X		X	X
18:24	MA21047-CCB5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:30	FC24306-14F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:36	FC24306-15	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:41	FC24306-16F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:47	FC24306-17F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:53	FC24306-18F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18:59	FC24306-19F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19:04	FC24306-20F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19:10	MA21047-CCV11	1												X		
19:16	MA21047-CCV12	1	X	X	X	X	X	X	X	X	X	X	X		X	X
19:21	MA21047-CCB6	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Element:	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7
10:39	MA21047-STD1	100	100	100	100	100	100	100
10:45	MA21047-STD2	100.7	97.6	97	96.8	97.5	98.9	98.8
10:50	MA21047-STD3	100.8	95.8	96.3	95.6	96	98.5	99.7
10:56	MA21047-STD4	100.7	95.5	96.1	95.1	94.1	97.6	96.6
11:02	MA21047-STD5	101	96.9	96.8	95.8	95.7	99.6	96.6
11:08	MA21047-STD6	100.7	95	94.7	93.6	92.3	98.3	93.8
11:13	MA21047-STD7	99.8	91.5	92	91	87.9	95.8	90.1
11:18	MA21047-HSTD1	99	90.2	90.1	90.8	88	96.2	92.6
11:24	MA21047-HSTD2	96.7	88.7	89.8	88.6	86.2	94.7	90
11:29	MA21047-ICV1	99	88.3	87.8	87.8	86.8	95.1	92.7
11:35	MA21047-ICB1	103.2	88.5	89.2	89.6	90.1	96.9	100.3
11:40	MA21047-CRIA1	101.1	88.5	89.4	88.7	89.5	96	100
11:46	MA21047-CRIA2	102.6	89	89.9	90.3	90.2	96.8	98.7
11:52	MA21047-ICSA1	86.4	80.9	82.5	79.4	79.6	91.7	86.4
11:58	MA21047-ICSAB1	77.5	72.6	75.4	73.5	75.5	88.8	86.8
12:03	MA21047-CCV1	86.3	76.7	80.8	80.7	83.5	94.7	94.6
12:09	MA21047-CCV2	91.9	78.7	81.9	82.1	81.8	94.1	92.5
12:14	MA21047-CCB1	93	80.7	83.7	84	85.9	95.2	98.5
12:20	ZZZZZZ	94.9	85.7	87.6	86.9	86.8	96.2	97.9
12:26	MA21047-CCV3	95.5	85.1	87.6	86.9	86.3	95.8	93.6
12:32	MA21047-CCV4	96.3	83.1	85.5	84.9	83.2	93.7	92.5
12:37	MA21047-CCB2	97.3	83.5	86.2	86.1	86.6	95.6	99.2
15:45	MA21047-CCV5	94.9	85.6	88.1	86.7	84.5	91.3	90.4
15:51	MA21047-CCV6	95.7	87.5	89	88.1	84.9	92.4	92.3
15:56	MA21047-CCB3	97.2	87.5	88.9	88.5	87.8	93.8	98.3
16:02	MP45675-MB1	96.1	81.6	83.4	82.9	84.5	92.7	96.2
16:08	MP45675-B1	93.6	81.4	85	84	81.5	91	88.5
16:13	FC24306-11F	94.6	79	83.2	82.6	81.3	89.3	89.6
16:19	MP45675-D1	94.5	77.4	81.9	81.6	80.2	89.3	90.2
16:25	MP45675-SD1	97.8	83.3	85.9	85.2	86.9	93.6	96.6
16:30	MP45675-S1	87.9	72.7	77.1	76.5	74.5	87.7	86.1
16:36	MP45675-S2	87.9	72.9	77.7	76.6	74.8	87.5	86.1
16:41	MP45675-PS1	90.1	72.6	77.4	76.7	75.7	87.1	89.8

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21047
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7
16:47	FC24306-1	92.4	71.8	76.3	76	77.1	88.8	95.6
16:53	FC24306-2F	90.6	70.7	74.6	74	77.6	88.7	95.3
16:59	MA21047-CCV7	93.4	76.8	79.7	79	79.3	89.3	91.7
17:04	MA21047-CCV8	91.1	77	79.8	79	79.7	89.1	90.2
17:10	MA21047-CCB4	99.5	78.8	80.4	80.1	82.5	91.9	97.4
17:16	FC24306-3F	88.4	68.2 !	73	72.7	73.4	86.5	87.8
17:21	FC24306-4F	89.7	69.5 !	74	73.5	75.4	88	89.9
17:27	FC24306-5F	87.9	68.8 !	73.7	73.1	74.6	88.8	88.7
17:33	FC24306-6F	84.6	67.4 !	72	71.8	73.1	86.9	88.8
17:39	FC24306-7F	83.8	67.5 !	72.1	72	74.1	87.5	89.5
17:44	FC24306-8F	85.2	67 !	71.2	71	71.2	86.6	88.9
17:50	FC24306-9F	85.4	66.4 !	71	70.9	72.1	86.7	89.1
17:56	FC24306-10F	85.4	66.3 !	71.1	70.6	73	87	89
18:02	FC24306-12F	86.7	66.9 !	71.7	71.4	73.6	88	89.1
18:07	FC24306-13F	86.5	66.9 !	72.1	72	74.1	88	90.3
18:13	MA21047-CCV9	94.2	73.5	77.2	76.4	79.3	90.2	91.5
18:19	MA21047-CCV10	94.2	74	77.3	76.3	77.2	90.1	89.7
18:24	MA21047-CCB5	95.3	76.6	79.2	78.8	82.7	91.8	96.8
18:30	FC24306-14F	85.9	69.4 !	72.7	72.9	75	90.4	90.7
18:36	FC24306-15	87.7	67.7 !	72.2	71.5	75.3	88	95.2
18:41	FC24306-16F	90.1	67.6 !	71.9	71.2	75.8	89.1	96.3
18:47	FC24306-17F	85.9	68 !	71.6	71.3	73.8	87.1	89.5
18:53	FC24306-18F	84.4	68.2 !	72.7	72.3	74.7	88.5	89.6
18:59	FC24306-19F	86.1	68.3 !	72.4	72.1	74.1	89	89.7
19:04	FC24306-20F	85.2	67.5 !	72.8	72.7	74.3	89	90.6
19:10	MA21047-CCV11	92.7	74.2	77.6	77.2	79.6	92.6	93.4
19:16	MA21047-CCV12	91.4	74.5	76.6	76.7	78.2	91.2	91
19:21	MA21047-CCB6	93.4	75.4	78.8	78.4	82.9	92	98.6

! = Outside limits.

LEGEND:			CCV/CCB
Istd#	Parameter	Limits	Limits
Istd#1	Lithium	70-130 %	70-130 %
Istd#2	Scandium	70-130 %	70-130 %
Istd#3	Germanium (72-2)	70-130 %	70-130 %
Istd#4	Germanium (74-2)	70-130 %	70-130 %
Istd#5	Indium	70-130 %	70-130 %
Istd#6	Terbium	70-130 %	70-130 %
Istd#7	Bismuth	70-130 %	70-130 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: result < RL Run ID: MA21047 Units: ug/l

Time: / Sample ID:			11:35 ICB1		12:14 CCB1		12:37 CCB2		15:56 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	100	5								
Antimony	1.0	.1	0.0830	<1.0	0.0560	<1.0	0.0590	<1.0	0.0680	<1.0
Arsenic	1.0	.1	0.0220	<1.0	0.0110	<1.0	0.00800	<1.0	0.0180	<1.0
Barium	1.0	.1								
Beryllium	1.0	.1								
Cadmium	1.0	.1	0.0180	<1.0	0.00600	<1.0	0.00800	<1.0	0.0140	<1.0
Calcium	1000	5	-7.96	<1000	-18.5	<1000	-18.7	<1000	-17.4	<1000
Chromium	1.0	.1	0.00800	<1.0	-0.0170	<1.0	-0.0130	<1.0	-0.00900	<1.0
Cobalt	1.0	.1	0.0130	<1.0	-0.00100	<1.0	0.00100	<1.0	0.00300	<1.0
Copper	5.0	.1	0.237	<5.0	0.0150	<5.0	0.00900	<5.0	0.0170	<5.0
Iron	100	5								
Lead	1.0	.1	0.0210	<1.0	-0.00100	<1.0	-0.0100	<1.0	-0.0380	<1.0
Magnesium	100	5	1.68	<100	0.781	<100	1.05	<100	1.30	<100
Manganese	1.0	.1	anr							
Molybdenum	1.0	.1								
Nickel	2.0	.1	0.0340	<2.0	-0.00600	<2.0	-0.00600	<2.0	-0.0160	<2.0
Potassium	100	5								
Selenium	1.0	.1	-0.0330	<1.0	-0.0250	<1.0	-0.0570	<1.0	-0.0360	<1.0
Silver	1.0	.1	0.00500	<1.0	0.00200	<1.0	0.00100	<1.0	0.00200	<1.0
Sodium	100	5								
Strontium	1.0	.1								
Thallium	1.0	.1	0.558	<1.0*(a)	0.156	<1.0	0.154	<1.0	0.132	<1.0
Tin	1.0	.1								
Titanium	2.0	.25								
Vanadium	1.0	.1								
Zinc	5.0	.25	0.955	<5.0	-0.0120	<5.0	-0.0130	<5.0	0.00900	<5.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) All associated samples with results >MDL "B" coded.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: result < RL Run ID: MA21047 Units: ug/l

Time: / Sample ID:			17:10 CCB4		18:24 CCB5		19:21 CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	100	5						
Antimony	1.0	.1	0.0740	<1.0	0.0690	<1.0	0.0690	<1.0
Arsenic	1.0	.1	0.0120	<1.0	0.0130	<1.0	0.0160	<1.0
Barium	1.0	.1						
Beryllium	1.0	.1						
Cadmium	1.0	.1	0.0120	<1.0	0.0160	<1.0	0.0140	<1.0
Calcium	1000	5	-17.8	<1000	-18.3	<1000	-18.5	<1000
Chromium	1.0	.1	-0.0120	<1.0	-0.0130	<1.0	-0.0130	<1.0
Cobalt	1.0	.1	0.00	<1.0	0.00300	<1.0	0.00200	<1.0
Copper	5.0	.1	0.0260	<5.0	0.0180	<5.0	0.0170	<5.0
Iron	100	5						
Lead	1.0	.1	-0.0290	<1.0	-0.0340	<1.0	-0.0410	<1.0
Magnesium	100	5	1.12	<100	1.21	<100	1.16	<100
Manganese	1.0	.1	anr					
Molybdenum	1.0	.1						
Nickel	2.0	.1	-0.0220	<2.0	-0.0220	<2.0	-0.0210	<2.0
Potassium	100	5						
Selenium	1.0	.1	-0.0720	<1.0	-0.0410	<1.0	-0.0670	<1.0
Silver	1.0	.1	0.00300	<1.0	0.00	<1.0	-0.00100	<1.0
Sodium	100	5						
Strontium	1.0	.1						
Thallium	1.0	.1	0.205	<1.0	0.166	<1.0	0.160	<1.0
Tin	1.0	.1						
Titanium	2.0	.25						
Vanadium	1.0	.1						
Zinc	5.0	.25	0.0160	<5.0	0.0270	<5.0	0.0380	<5.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		11:29			12:03			12:09	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	100	96.2	96.2				100	94.4	94.4
Arsenic	100	97.7	97.7				100	97.3	97.3
Barium									
Beryllium									
Cadmium	100	102	102.0				100	100	100.0
Calcium	10000	10100	101.0				10000	9340	93.4
Chromium	100	103	103.0				100	97.3	97.3
Cobalt	100	108	108.0				100	106	106.0
Copper	100	99.9	99.9				100	104	104.0
Iron									
Lead	100	103	103.0				100	100	100.0
Magnesium	10000	10900	109.0				10000	9540	95.4
Manganese	anr								
Molybdenum									
Nickel	100	98.5	98.5				100	97.8	97.8
Potassium									
Selenium	100	99.5	99.5				100	93.9	93.9
Silver	50	50.1	100.2	50	50.7	101.4			
Sodium									
Strontium									
Thallium	100	102	102.0				100	100	100.0
Tin									
Titanium									
Vanadium									
Zinc	100	103	103.0				100	100	100.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		12:26			12:32			15:45	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony				100	94.3	94.3			
Arsenic				100	97.8	97.8			
Barium									
Beryllium									
Cadmium				100	100	100.0			
Calcium				10000	9410	94.1			
Chromium				100	98.7	98.7			
Cobalt				100	104	104.0			
Copper				100	102	102.0			
Iron									
Lead				100	97.9	97.9			
Magnesium				10000	9770	97.7			
Manganese									
Molybdenum									
Nickel				100	96.4	96.4			
Potassium									
Selenium				100	93.8	93.8			
Silver	50	50.9	101.8				50	52.0	104.0
Sodium									
Strontium									
Thallium				100	99.3	99.3			
Tin									
Titanium									
Vanadium									
Zinc				100	99.4	99.4			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		15:51			16:59			17:04	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	100	94.4	94.4				100	93.2	93.2
Arsenic	100	97.5	97.5				100	96.5	96.5
Barium									
Beryllium									
Cadmium	100	100	100.0				100	99.3	99.3
Calcium	10000	9590	95.9				10000	9330	93.3
Chromium	100	98.9	98.9				100	98.1	98.1
Cobalt	100	105	105.0				100	104	104.0
Copper	100	99.8	99.8				100	102	102.0
Iron									
Lead	100	98.4	98.4				100	99.3	99.3
Magnesium	10000	9700	97.0				10000	9960	99.6
Manganese	anr								
Molybdenum									
Nickel	100	96.1	96.1				100	96.4	96.4
Potassium									
Selenium	100	95.4	95.4				100	93.7	93.7
Silver				50	52.2	104.4			
Sodium									
Strontium									
Thallium	100	99.2	99.2				100	100	100.0
Tin									
Titanium									
Vanadium									
Zinc	100	98.8	98.8				100	100	100.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		18:13			18:19				19:10	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum										
Antimony				100	94.8	94.8				
Arsenic				100	96.9	96.9				
Barium										
Beryllium										
Cadmium				100	101	101.0				
Calcium				10000	9370	93.7				
Chromium				100	95.5	95.5				
Cobalt				100	105	105.0				
Copper				100	102	102.0				
Iron										
Lead				100	100	100.0				
Magnesium				10000	9970	99.7				
Manganese										
Molybdenum										
Nickel				100	96.3	96.3				
Potassium										
Selenium				100	94.2	94.2				
Silver	50	50.4	100.8				50	50.1	100.2	
Sodium										
Strontium										
Thallium				100	101	101.0				
Tin										
Titanium										
Vanadium										
Zinc				100	100	100.0				

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		19:16	
Sample ID:	CCV	CCV12	
Metal	True	Results	% Rec
Aluminum			
Antimony	100	94.4	94.4
Arsenic	100	96.6	96.6
Barium			
Beryllium			
Cadmium	100	100	100.0
Calcium	10000	9440	94.4
Chromium	100	98.1	98.1
Cobalt	100	106	106.0
Copper	100	104	104.0
Iron			
Lead	100	100	100.0
Magnesium	10000	9960	99.6
Manganese	anr		
Molybdenum			
Nickel	100	97.2	97.2
Potassium			
Selenium	100	93.4	93.4
Silver			
Sodium			
Strontium			
Thallium	100	101	101.0
Tin			
Titanium			
Vanadium			
Zinc	100	101	101.0

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21047 Units: ug/l

Time:		11:18			11:24	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum						
Antimony				200	199	99.5
Arsenic				200	196	98.0
Barium						
Beryllium						
Cadmium				200	197	98.5
Calcium				20000	19400	97.0
Chromium				200	195	97.5
Cobalt				200	194	97.0
Copper				200	199	99.5
Iron						
Lead				200	198	99.0
Magnesium				20000	19700	98.5
Manganese						
Molybdenum						
Nickel				200	199	99.5
Potassium						
Selenium				200	194	97.0
Silver	100	99.0	99.0			
Sodium						
Strontium						
Thallium				200	199	99.5
Tin						
Titanium						
Vanadium						
Zinc				200	197	98.5

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: CRI 70-130% CRIA 80-120% Run ID: MA21047 Units: ug/l

Time:			11:40		11:46	
Sample ID:	CRI	CRIA	CRIA1		CRIA2	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	100	100				
Antimony	1.0	1.0	0.968	96.8		
Arsenic	1.0	1.0	1.01	101.0		
Barium	1.0	1.0				
Beryllium	1.0	1.0				
Cadmium	1.0	1.0	0.995	99.5		
Calcium	100	100	85.4	85.4		
Chromium	1.0	1.0	0.983	98.3		
Cobalt	1.0	1.0	1.04	104.0		
Copper	1.0	1.0			5.17	103.4
Iron	100	100				
Lead	1.0	1.0	0.875	87.5		
Magnesium	100	100	101	101.0		
Manganese	1.0	1.0	anr			
Molybdenum	1.0	1.0				
Nickel	1.0	1.0	1.00	100.0		
Potassium	100	100				
Selenium	1.0	1.0	0.930	93.0		
Silver	1.0	1.0	0.984	98.4		
Sodium	100	100				
Strontium	1.0	1.0				
Thallium	1.0	1.0	1.01	101.0		
Tin	1.0	1.0				
Titanium	1.0	1.0				
Vanadium	1.0	1.0				
Zinc	1.0	1.0			5.83	116.6

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050225M1.CSV Date Analyzed: 05/02/25 Methods: SW846 6020B
QC Limits: 80 to 120 % Recovery Run ID: MA21047 Units: ug/l

Time:			11:52		11:58	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	100000	100000	92800H	92.8	90600H	90.6
Antimony			0.120		0.109	
Arsenic		20	0.0460		19.8	99.0
Barium			0.537		0.549	
Beryllium			0.0180		0.0200	
Cadmium		20	0.476		19.8	99.0
Calcium	100000	100000	87800	87.8	86800	86.8
Chromium		20	1.01*(a)		19.7	98.5
Cobalt		20	0.144		19.6	98.0
Copper		20	-0.00200		18.6	93.0
Iron	100000	100000	95800H	95.8	96200H	96.2
Lead			0.0390		0.0410	
Magnesium	100000	100000	94100	94.1	91200	91.2
Manganese		20	0.233		19.3	96.5
Molybdenum	2000	2000	2020HH	101.0	2070HH	103.5
Nickel		20	0.436		18.8	94.0
Potassium	100000	100000	93700H	93.7	92400H	92.4
Selenium			0.220		0.113	
Silver		20	0.00900		18.2	91.0
Sodium	100000	100000	95200H	95.2	94900H	94.9
Strontium			0.757		0.704	
Thallium			0.120		0.0510	
Tin			0.0820		0.0700	
Titanium	2000	2000	1930HH	96.5	1930HH	96.5
Vanadium			0.0230		0.0140	
Zinc		20	1.42		20.6	103.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) Trace level contamination.

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21048
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:07	MA21048-STD1	1		STD2
14:09	MA21048-STD2	1		STD3
14:10	MA21048-STD3	1		STD4
14:11	MA21048-STD4	1		STD5
14:13	MA21048-STD5	1		STD6
14:14	MA21048-CCV1	1		
14:16	MA21048-CCB1	1		
14:17	MA21048-ICV1	1		
14:18	MA21048-ICB1	1		
14:20	MA21048-CRI1	1		
14:21	MP45682-MB1	1		
14:22	MP45682-B1	1		
14:23	FC24144-1	1		(sample used for QC only; not part of login FC24306)
14:25	MP45682-D1	1		
14:26	MP45682-SD1	5		
14:27	MP45682-S1	1		
14:29	MP45682-S2	1		
14:30	MA21048-CCV2	1		
14:31	MA21048-CCB2	1		
14:32	ZZZZZZ	1		
14:34	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:36	ZZZZZZ	1		
14:38	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:40	ZZZZZZ	1		
14:41	MP45682-MB2	1		
14:43	MP45682-B2	1		
14:44	MP45682-MB3	1		
14:45	MA21048-CCV3	1		
14:47	MA21048-CCB3	1		
14:48	MP45682-B3	1		
14:49	MP45683-MB1	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21048
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:50	MP45683-B1	1		
14:52	FC24306-17F	1		
14:53	MP45683-D1	1		
14:54	MP45683-SD1	5		
14:56	MP45683-S1	1		
14:57	MP45683-S2	1		
14:58	FC24306-16F	1		
14:59	FC24306-18F	1		
15:01	MA21048-CCV4	1		
15:02	MA21048-CCB4	1		
15:03	FC24306-19F	1		
15:05	FC24306-20F	1		
15:06	FC24306-21F	1		
15:07	FC24306-22F	1		
15:08	ZZZZZZ	1		
15:10	ZZZZZZ	1		
15:11	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:14	ZZZZZZ	1		
15:15	ZZZZZZ	1		
15:16	MA21048-CCV5	1		
15:17	MA21048-CCB5	1		
15:19	ZZZZZZ	1		
15:20	ZZZZZZ	1		
15:21	MP45683-MB2A	1		
15:23	MP45683-MB3A	1		
---------->	Last reportable sample/prep for job FC24306			
15:24	MA21048-CRI2	1		
15:25	MA21048-CCV6	1		
15:27	MA21048-CCB6	1		
---------->	Last reportable CCB for job FC24306			
	Refer to raw data for calibration curve and standards.			

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21048
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
14:14	MA21048-CCV1	1	X	
14:16	MA21048-CCB1	1	X	
14:17	MA21048-ICV1	1	X	
14:18	MA21048-ICB1	1	X	
14:20	MA21048-CRI1	1	X	
14:21	MP45682-MB1	1	X	
14:22	MP45682-B1	1	X	
14:23	FC24144-1	1	X	(a)
14:25	MP45682-D1	1	X	
14:26	MP45682-SD1	5	X	
14:27	MP45682-S1	1	X	
14:29	MP45682-S2	1	X	
14:30	MA21048-CCV2	1	X	
14:31	MA21048-CCB2	1	X	
14:32	ZZZZZZ	1		
14:34	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:36	ZZZZZZ	1		
14:38	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:40	ZZZZZZ	1		
14:41	MP45682-MB2	1	X	
14:43	MP45682-B2	1	X	
14:44	MP45682-MB3	1	X	
14:45	MA21048-CCV3	1	X	
14:47	MA21048-CCB3	1	X	
14:48	MP45682-B3	1	X	
14:49	MP45683-MB1	1	X	
14:50	MP45683-B1	1	X	
14:52	FC24306-17F	1	X	
14:53	MP45683-D1	1	X	
14:54	MP45683-SD1	5	X	
14:56	MP45683-S1	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21048
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg
14:57	MP45683-S2	1	X
14:58	FC24306-16F	1	X
14:59	FC24306-18F	1	X
15:01	MA21048-CCV4	1	X
15:02	MA21048-CCB4	1	X
15:03	FC24306-19F	1	X
15:05	FC24306-20F	1	X
15:06	FC24306-21F	1	X
15:07	FC24306-22F	1	X
15:08	ZZZZZZ	1	
15:10	ZZZZZZ	1	
15:11	ZZZZZZ	1	
15:12	ZZZZZZ	1	
15:14	ZZZZZZ	1	
15:15	ZZZZZZ	1	
15:16	MA21048-CCV5	1	X
15:17	MA21048-CCB5	1	X
15:19	ZZZZZZ	1	
15:20	ZZZZZZ	1	
15:21	MP45683-MB2A	1	X
15:23	MP45683-MB3A	1	X
15:24	MA21048-CRI2	1	X
15:25	MA21048-CCV6	1	X
15:27	MA21048-CCB6	1	X

(a) Sample used for QC only; not part of login FC24306.

Element: Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21048 Units: ug/l

Time:			14:16		14:18		14:31		14:47	
Sample ID:			CCB1		ICB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0230	<0.50	-0.0250	<0.50	-0.0230	<0.50	-0.0180	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21048 Units: ug/l

Time:			15:02		15:17		15:27	
Sample ID:			CCB4		CCB5		CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0200	<0.50	-0.0150	<0.50	-0.0190	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21048 Units: ug/l

Time:		14:14			14:17			14:30	
Sample ID:	CCV	CCV1		ICV	ICV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	2.97	99.0	3	2.99	99.7	3	2.93	97.7

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21048 Units: ug/l

Time:		14:45			15:01			15:16	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	2.96	98.7	3	2.96	98.7	3	2.95	98.3

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21048 Units: ug/l

Time:		15:25	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Mercury	3	2.88	96.0

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60503W1.CSV Date Analyzed: 05/03/25 Methods: SW846 7470A
QC Limits: 80 to 120 % Recovery Run ID: MA21048 Units: ug/l

Time:			14:20		15:24	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.197	98.5	0.196	98.0

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21049
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:22	MA21049-STD1	1		STDA
13:28	MA21049-STD2	1		STDB
13:34	MA21049-STD3	1		STDC
13:39	MA21049-STD4	1		STDD
13:45	MA21049-STD5	1		STDE
13:51	MA21049-STD6	1		STDF
13:56	MA21049-STD7	1		STDG
14:07	MA21049-HSTD1	1		
14:12	MA21049-ICV1	1		
14:18	MA21049-ICB1	1		
14:24	MA21049-CRIA1	1		
14:35	MA21049-ICSA1	1		
14:41	MA21049-ICSAB1	1		
14:52	MA21049-CCV1	1		
14:58	MA21049-CCB1	1		
15:04	MP45675-S1	5		
15:09	MP45675-S2	5		
---------->	Last reportable sample/prep for job FC24306			
15:20	MA21049-CCV2	1		
15:26	MA21049-CCB2	1		
---------->	Last reportable CCB for job FC24306			

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21049
Parameters: Ca

Time	Sample Description	Element: Dilution	C a
14:07	MA21049-HSTD1	1	X
14:12	MA21049-ICV1	1	X
14:18	MA21049-ICB1	1	X
14:24	MA21049-CRIA1	1	X
14:35	MA21049-ICSA1	1	X
14:41	MA21049-ICSAB1	1	X
14:52	MA21049-CCV1	1	X
14:58	MA21049-CCB1	1	X
15:04	MP45675-S1	5	X
15:09	MP45675-S2	5	X
15:20	MA21049-CCV2	1	X
15:26	MA21049-CCB2	1	X

Element: C
a

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
Analyst: JC Run ID: MA21049
Parameters: Ca

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7
13:22	MA21049-STD1	100	100	100	100	100	100	100
13:28	MA21049-STD2	101	100.5	101.1	100.6	101.9	100.9	100
13:34	MA21049-STD3	105.4	103.2	103.6	102.8	106.4	103.9	103.5
13:39	MA21049-STD4	103.1	102.5	102.3	101.4	102.1	102.6	98.6
13:45	MA21049-STD5	102.1	104.4	104.4	103.9	102.6	102.4	95.7
13:51	MA21049-STD6	101.7	104.3	104.1	103.5	100.7	103	94.6
13:56	MA21049-STD7	97.2	101.7	101.9	101.2	96	98.9	90.6
14:07	MA21049-HSTD1	101	100.7	101.5	100.6	95.7	98.6	90.6
14:12	MA21049-ICV1	98.5	102.5	102.7	101.8	98.3	101.7	91.7
14:18	MA21049-ICB1	104	102.5	102.4	102.1	101.5	102.1	100.4
14:24	MA21049-CRIA1	103.8	101.7	100.8	101	100.3	100.8	98.4
14:35	MA21049-ICSA1	89.8	96.6	98.1	94	90.9	95.6	85.3
14:41	MA21049-ICSAB1	82.5	90.6	93.1	90.6	85.4	94.2	83.8
14:52	MA21049-CCV1	90.7	94	97.6	97	92.5	98.6	90.9
14:58	MA21049-CCB1	95.7	95	98.8	98.4	96.8	99.3	98.6
15:04	MP45675-S1	89.5	93.8	97.7	97.6	93.1	97.2	90.6
15:09	MP45675-S2	89	94.8	98.1	97.8	92.9	98.2	91.5
15:20	MA21049-CCV2	92.6	98.8	101.1	100.6	95.3	97.5	89.2
15:26	MA21049-CCB2	95.2	97.6	100.6	100.4	98.5	99.1	98.1

! = Outside limits.

LEGEND:

Istd#	Parameter	Limits	CCV/CCB Limits
Istd#1	Lithium	70-130 %	70-130 %
Istd#2	Scandium	70-130 %	70-130 %
Istd#3	Germanium (72-2)	70-130 %	70-130 %
Istd#4	Germanium (74-2)	70-130 %	70-130 %
Istd#5	Indium	70-130 %	70-130 %
Istd#6	Terbium	70-130 %	70-130 %
Istd#7	Bismuth	70-130 %	70-130 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
QC Limits: result < RL Run ID: MA21049 Units: ug/l

Time: / Sample ID:			14:18 ICB1		14:58 CCB1		15:26 CCB2	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	100	5						
Antimony	1.0	.1						
Arsenic	1.0	.1						
Barium	1.0	.1						
Beryllium	1.0	.1						
Cadmium	1.0	.1						
Calcium	1000	5	4.70	<1000	-1.15	<1000	24.6	<1000
Chromium	1.0	.1						
Cobalt	1.0	.1						
Copper	5.0	.1						
Iron	100	5						
Lead	1.0	.1						
Magnesium	100	5						
Manganese	1.0	.1						
Molybdenum	1.0	.1						
Nickel	2.0	.1						
Potassium	100	5						
Selenium	1.0	.1						
Silver	1.0	.1						
Sodium	100	5						
Strontium	1.0	.1						
Thallium	1.0	.1						
Tin	1.0	.1						
Titanium	2.0	.25						
Vanadium	1.0	.1						
Zinc	5.0	.25						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21049 Units: ug/l

Time:		14:12			14:52			15:20	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium	10000	10100	101.0	10000	9810	98.1	10000	9770	97.7
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21049 Units: ug/l

Time:		14:07	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Cadmium			
Calcium	20000	19700	98.5
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Potassium			
Selenium			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Vanadium			
Zinc			

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
QC Limits: CRI 70-130% CRIA 80-120% Run ID: MA21049 Units: ug/l

Time:			14:24	
Sample ID:	CRI	CRIA	CRIA1	
Metal	True	True	Results	% Rec
Aluminum	100	100		
Antimony	1.0	1.0		
Arsenic	1.0	1.0		
Barium	1.0	1.0		
Beryllium	1.0	1.0		
Cadmium	1.0	1.0		
Calcium	100	100	98.8	98.8
Chromium	1.0	1.0		
Cobalt	1.0	1.0		
Copper	1.0	1.0		
Iron	100	100		
Lead	1.0	1.0		
Magnesium	100	100		
Manganese	1.0	1.0		
Molybdenum	1.0	1.0		
Nickel	1.0	1.0		
Potassium	100	100		
Selenium	1.0	1.0		
Silver	1.0	1.0		
Sodium	100	100		
Strontium	1.0	1.0		
Thallium	1.0	1.0		
Tin	1.0	1.0		
Titanium	1.0	1.0		
Vanadium	1.0	1.0		
Zinc	1.0	1.0		

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050325M1.CSV Date Analyzed: 05/03/25 Methods: SW846 6020B
QC Limits: 80 to 120 % Recovery Run ID: MA21049 Units: ug/l

Time:			14:35		14:41	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	100000	100000	90700H	90.7	89300	89.3
Antimony			0.111		0.108	
Arsenic		20	0.0400		19.7	98.5
Barium			0.496		0.529	
Beryllium			0.0330		0.0130	
Cadmium		20	0.448		20.1	100.5
Calcium	100000	100000	89800	89.8	89800	89.8
Chromium		20	1.04*		20.2	101.0
Cobalt		20	0.141		19.1	95.5
Copper		20	0.147		18.1	90.5
Iron	100000	100000	96000H	96.0	96100H	96.1
Lead			0.0560		0.0680	
Magnesium	100000	100000	95600H	95.6	94200H	94.2
Manganese		20	0.252		19.5	97.5
Molybdenum	2000	2000	2000HH	100.0	2000HH	100.0
Nickel		20	0.423		18.9	94.5
Potassium	100000	100000	95600H	95.6	94400H	94.4
Selenium			0.290		0.185	
Silver		20	0.00900		18.4	92.0
Sodium	100000	100000	97400H	97.4	97300H	97.3
Strontium			0.719		0.681	
Thallium			0.0930		0.0620	
Tin			0.0780		0.0830	
Titanium	2000	2000	1920HH	96.0	1920HH	96.0
Vanadium			0.0190		0.0210	
Zinc		20	1.30		20.3	101.5

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21051
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:10	MA21051-STD1	1		STD2
14:11	MA21051-STD2	1		STD3
14:13	MA21051-STD3	1		STD4
14:14	MA21051-STD4	1		STD5
14:15	MA21051-STD5	1		STD6
14:17	MA21051-CCV1	1		
14:18	MA21051-CCB1	1		
14:19	MA21051-ICV1	1		
14:21	MA21051-ICB1	1		
14:22	MA21051-CRI1	1		
14:23	MP45688-MB1	1		
14:24	MP45688-B1	1		
14:26	FC24245-1L	1		(sample used for QC only; not part of login FC24306)
14:27	MP45688-D1	1		
14:28	MP45688-SD1	5		
14:30	MP45688-S1	1		
14:31	MP45688-S2	1		
14:32	MA21051-CCV2	1		
14:34	MA21051-CCB2	1		
14:35	ZZZZZZ	1		
14:36	ZZZZZZ	1		
14:37	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:40	ZZZZZZ	1		
14:41	ZZZZZZ	1		
14:42	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:45	ZZZZZZ	1		
14:46	ZZZZZZ	1		
14:48	MA21051-CCV3	1		
14:49	MA21051-CCB3	1		
14:50	ZZZZZZ	1		
14:52	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21051
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:53	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:55	MP45688-MB2	1		
14:57	MP45688-B2	1		
14:58	MP45688-MB3	1		
14:59	MP45688-B3	1		
15:00	MP45689-MB1	1		
15:02	MP45689-B1	1		
15:03	MA21051-CCV4	1		
15:04	MA21051-CCB4	1		
15:06	FC24420-6	1		(sample used for QC only; not part of login FC24306)
15:07	MP45689-D1	1		
15:08	MP45689-SD1	5		
15:10	MP45689-S1	1		
15:11	MP45689-S2	1		
15:12	ZZZZZZ	1		
15:13	ZZZZZZ	1		
15:15	ZZZZZZ	1		
15:16	ZZZZZZ	1		
15:17	FC24306-1	1		
15:19	MA21051-CCV5	1		
15:20	MA21051-CCB5	1		
15:21	FC24306-6F	1		
15:22	FC24306-15	1		
---------->	Last reportable sample/prep for job FC24306			
15:24	ZZZZZZ	1		
15:25	MA21051-CRI2	1		
15:26	MA21051-CCV6	1		
15:28	MA21051-CCB6	1		
---------->	Last reportable CCB for job FC24306			

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21051
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
14:17	MA21051-CCV1	1	X	
14:18	MA21051-CCB1	1	X	
14:19	MA21051-ICV1	1	X	
14:21	MA21051-ICB1	1	X	
14:22	MA21051-CRI1	1	X	
14:23	MP45688-MB1	1	X	
14:24	MP45688-B1	1	X	
14:26	FC24245-1L	1	X	(a)
14:27	MP45688-D1	1	X	
14:28	MP45688-SD1	5	X	
14:30	MP45688-S1	1	X	
14:31	MP45688-S2	1	X	
14:32	MA21051-CCV2	1	X	
14:34	MA21051-CCB2	1	X	
14:35	ZZZZZZ	1		
14:36	ZZZZZZ	1		
14:37	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:40	ZZZZZZ	1		
14:41	ZZZZZZ	1		
14:42	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:45	ZZZZZZ	1		
14:46	ZZZZZZ	1		
14:48	MA21051-CCV3	1	X	
14:49	MA21051-CCB3	1	X	
14:50	ZZZZZZ	1		
14:52	ZZZZZZ	1		
14:53	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:55	MP45688-MB2	1	X	
14:57	MP45688-B2	1	X	
14:58	MP45688-MB3	1	X	
		Element:	Hg	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
Analyst: AK Run ID: MA21051
Parameters: Hg

Time	Sample Description	Element: Dilution	Hg	
14:59	MP45688-B3	1	X	
15:00	MP45689-MB1	1	X	
15:02	MP45689-B1	1	X	
15:03	MA21051-CCV4	1	X	
15:04	MA21051-CCB4	1	X	
15:06	FC24420-6	1	X	(a)
15:07	MP45689-D1	1	X	
15:08	MP45689-SD1	5	X	
15:10	MP45689-S1	1	X	
15:11	MP45689-S2	1	X	
15:12	ZZZZZZ	1		
15:13	ZZZZZZ	1		
15:15	ZZZZZZ	1		
15:16	ZZZZZZ	1		
15:17	FC24306-1	1	X	
15:19	MA21051-CCV5	1	X	
15:20	MA21051-CCB5	1	X	
15:21	FC24306-6F	1	X	
15:22	FC24306-15	1	X	
15:24	ZZZZZZ	1		
15:25	MA21051-CRI2	1	X	
15:26	MA21051-CCV6	1	X	
15:28	MA21051-CCB6	1	X	

(a) Sample used for QC only; not part of login FC24306.

Element: Hg

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21051 Units: ug/l

Time: / Sample ID:			14:18 CCB1		14:21 ICB1		14:34 CCB2		14:49 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0460	<0.50	-0.0470	<0.50	-0.0460	<0.50	-0.0420	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA21051 Units: ug/l

Time:			15:04		15:20		15:28	
Sample ID:			CCB4		CCB5		CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Mercury	0.50	.03	-0.0400	<0.50	-0.0370	<0.50	-0.0420	<0.50

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21051 Units: ug/l

Time:		14:17			14:19			14:32	
Sample ID:	CCV	CCV1		ICV	ICV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.13	104.3	3	3.07	102.3	3	3.11	103.7

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21051 Units: ug/l

Time:		14:48			15:03			15:19	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.12	104.0	3	3.10	103.3	3	3.12	104.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA21051 Units: ug/l

Time:		15:26	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Mercury	3	2.99	99.7

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: H60506W1.CSV Date Analyzed: 05/06/25 Methods: SW846 7470A
QC Limits: 80 to 120 % Recovery Run ID: MA21051 Units: ug/l

Time:			14:22		15:25	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.176	88.0	0.181	90.5

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:50	MA21052-STD1	1		STDA
09:58	MA21052-STD2	1		STDC
10:01	MA21052-STD3	1		STDD
10:05	MA21052-STD4	1		STDE
10:09	MA21052-STD5	1		STDF
10:12	MA21052-STD6	1		STDG
10:24	MA21052-STD7	1		STDB
10:36	MA21052-CRIA1	1		
10:40	MA21052-HSTD1	1		
10:59	MA21052-ICB1	1		
11:04	MA21052-ICV1	1		
11:09	MA21052-ICSA1	1		
11:21	MA21052-ICSAB1	1		
11:27	MA21052-CCV1	1		
11:38	MA21052-CCB1	1		
11:43	MP45687-MB1	1		
11:48	MP45687-B1	1		
11:53	FC24414-6	1		(sample used for QC only; not part of login FC24306)
11:58	MP45687-D1	1		
12:03	MP45687-SD1	5		
12:08	MP45687-PS1	1		
12:13	MP45687-S1	1		
12:18	MP45687-S2	1		
12:23	ZZZZZZ	1		
12:28	ZZZZZZ	1		
12:33	MA21052-CCV2	1		
12:38	MA21052-CCB2	1		
12:43	ZZZZZZ	1		
12:48	ZZZZZZ	1		
12:53	FC24306-21F	1		
12:58	FC24306-22F	1		
---------->	Last reportable sample/prep for job FC24306			
13:04	ZZZZZZ	1		
13:09	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	13:14	ZZZZZZ	1		
	13:19	ZZZZZZ	1		
	13:24	ZZZZZZ	1		
	13:29	ZZZZZZ	1		
	13:34	MA21052-CCV3	1		
	13:39	MA21052-CCB3	1		
---------->	Last reportable CCB for job FC24306				
	13:44	ZZZZZZ	1		
	13:50	ZZZZZZ	1		
	13:55	ZZZZZZ	1		
	14:00	ZZZZZZ	1		
	14:05	ZZZZZZ	1		
	14:10	ZZZZZZ	1		
	14:15	ZZZZZZ	1		
	14:26	ZZZZZZ	50		
	14:31	ZZZZZZ	2		
	14:36	MA21052-CCV4	1		
	14:41	MA21052-CCB4	1		
	14:46	MP45684-MB1	1		
	14:52	MP45684-B1	1		
	14:57	FC24245-1L	1		(sample used for QC only; not part of login FC24306)
	15:02	MP45684-D1	1		
	15:07	MP45684-SD1	5		
	15:12	MP45684-S1	1		
	15:18	MP45684-S2	1		
	15:23	ZZZZZZ	1		
	15:28	ZZZZZZ	1		
	15:33	ZZZZZZ	1		
	15:39	MA21052-CCV5	1		
	15:44	MA21052-CCB5	1		
	15:49	ZZZZZZ	1		
	15:54	ZZZZZZ	1		
	15:59	ZZZZZZ	1		
	16:05	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:10	ZZZZZZ	1		
16:15	ZZZZZZ	1		
16:21	ZZZZZZ	1		
16:26	ZZZZZZ	1		
16:31	ZZZZZZ	1		
16:37	MP45684-MB2	1		
16:42	MA21052-CCV6	1		
16:47	MA21052-CCB6	1		
16:52	MP45684-B2	1		
16:57	MP45684-MB3	1		
17:02	MP45684-B3	1		
17:07	MP45685-MB1	1		
17:13	MP45685-B1	1		
17:43	MA21052-CCV7	1		
17:48	MA21052-CCB7	1		
18:04	ZZZZZZ	5		
18:09	ZZZZZZ	1		
18:14	ZZZZZZ	1		
18:20	ZZZZZZ	100		
18:25	ZZZZZZ	2		
18:30	ZZZZZZ	5		
18:35	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:45	MA21052-CCV8	1		
18:50	MA21052-CCB8	1		
18:55	ZZZZZZ	100		
19:01	ZZZZZZ	1		
19:06	ZZZZZZ	10		
19:11	ZZZZZZ	5		
19:16	ZZZZZZ	5		
19:21	ZZZZZZ	5		
19:27	ZZZZZZ	1		
19:32	ZZZZZZ	5		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:37	ZZZZZZ	20		
19:42	ZZZZZZ	1		
19:47	MA21052-CCV9	1		
19:52	MA21052-CCB9	1		
19:57	MP45686-MB1	1		
20:03	MP45686-B1	1		
20:08	FC24391-21	5		(sample used for QC only; not part of login FC24306)
20:13	MP45686-D1	5		
20:19	MP45686-SD1	25		
20:24	MP45686-PS1	5		
20:29	MP45686-S1	5		
20:35	MP45686-S2	5		
20:40	FC24391-21	100		(sample used for QC only; not part of login FC24306)
20:45	MP45686-D1	100		
20:51	MA21052-CCV10	1		
20:56	MA21052-CCB10	1		
21:01	MP45686-SD1	500		
21:06	MP45686-PS1	100		
21:11	MP45686-S1	100		
21:16	MP45686-S2	100		
21:22	ZZZZZZ	1		
21:27	ZZZZZZ	1		
21:32	ZZZZZZ	5		
21:37	ZZZZZZ	1		
21:42	ZZZZZZ	1		
21:47	ZZZZZZ	1		
21:53	MA21052-CCV11	1		
21:57	MA21052-CCB11	1		
22:03	ZZZZZZ	5		
22:08	ZZZZZZ	1		
22:13	ZZZZZZ	1		
22:18	ZZZZZZ	1		
22:24	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:29	ZZZZZZ	1		
22:34	ZZZZZZ	1		
22:39	ZZZZZZ	1		
22:44	ZZZZZZ	1		
22:49	ZZZZZZ	1		
22:55	MA21052-CCV12	1		
22:59	MA21052-CCB12	1		
23:05	ZZZZZZ	1		
23:10	ZZZZZZ	1		
23:15	ZZZZZZ	1		
23:20	MA21052-CCV13	1		
23:25	MA21052-CCB13	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
10:36	MA21052-CRIA1	1	X	X	
10:40	MA21052-HSTD1	1	X	X	
10:59	MA21052-ICB1	1	X	X	
11:04	MA21052-ICV1	1	X	X	
11:09	MA21052-ICSA1	1	X	X	
11:21	MA21052-ICSAB1	1	X	X	
11:27	MA21052-CCV1	1	X	X	
11:38	MA21052-CCB1	1	X	X	
11:43	MP45687-MB1	1	X	X	
11:48	MP45687-B1	1	X	X	
11:53	FC24414-6	1			(a)
11:58	MP45687-D1	1	X	X	
12:03	MP45687-SD1	5	X	X	
12:08	MP45687-PS1	1	X	X	
12:13	MP45687-S1	1	X	X	
12:18	MP45687-S2	1	X	X	
12:23	ZZZZZZ	1			
12:28	ZZZZZZ	1			
12:33	MA21052-CCV2	1	X	X	
12:38	MA21052-CCB2	1	X	X	
12:43	ZZZZZZ	1			
12:48	ZZZZZZ	1			
12:53	FC24306-21F	1	X	X	
12:58	FC24306-22F	1	X	X	
13:04	ZZZZZZ	1			
13:09	ZZZZZZ	1			
13:14	ZZZZZZ	1			
13:19	ZZZZZZ	1			
13:24	ZZZZZZ	1			
13:29	ZZZZZZ	1			
13:34	MA21052-CCV3	1	X	X	
13:39	MA21052-CCB3	1	X	X	
13:44	ZZZZZZ	1			
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
13:50	ZZZZZZ	1			
13:55	ZZZZZZ	1			
14:00	ZZZZZZ	1			
14:05	ZZZZZZ	1			
14:10	ZZZZZZ	1			
14:15	ZZZZZZ	1			
14:26	ZZZZZZ	50			
14:31	ZZZZZZ	2			
14:36	MA21052-CCV4	1	X	X	
14:41	MA21052-CCB4	1	X	X	
14:46	MP45684-MB1	1			
14:52	MP45684-B1	1			
14:57	FC24245-1L	1			(a)
15:02	MP45684-D1	1			
15:07	MP45684-SD1	5			
15:12	MP45684-S1	1			
15:18	MP45684-S2	1			
15:23	ZZZZZZ	1			
15:28	ZZZZZZ	1			
15:33	ZZZZZZ	1			
15:39	MA21052-CCV5	1	X	X	
15:44	MA21052-CCB5	1	X	X	
15:49	ZZZZZZ	1			
15:54	ZZZZZZ	1			
15:59	ZZZZZZ	1			
16:05	ZZZZZZ	1			
16:10	ZZZZZZ	1			
16:15	ZZZZZZ	1			
16:21	ZZZZZZ	1			
16:26	ZZZZZZ	1			
16:31	ZZZZZZ	1			
16:37	MP45684-MB2	1			
16:42	MA21052-CCV6	1	X	X	
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
16:47	MA21052-CCB6	1	X	X	
16:52	MP45684-B2	1			
16:57	MP45684-MB3	1			
17:02	MP45684-B3	1			
17:07	MP45685-MB1	1			
17:13	MP45685-B1	1			
17:43	MA21052-CCV7	1	X	X	
17:48	MA21052-CCB7	1	X	X	
18:04	ZZZZZZ	5			
18:09	ZZZZZZ	1			
18:14	ZZZZZZ	1			
18:20	ZZZZZZ	100			
18:25	ZZZZZZ	2			
18:30	ZZZZZZ	5			
18:35	ZZZZZZ	1			
18:40	ZZZZZZ	1			
18:45	MA21052-CCV8	1	X	X	
18:50	MA21052-CCB8	1	X	X	
18:55	ZZZZZZ	100			
19:01	ZZZZZZ	1			
19:06	ZZZZZZ	10			
19:11	ZZZZZZ	5			
19:16	ZZZZZZ	5			
19:21	ZZZZZZ	5			
19:27	ZZZZZZ	1			
19:32	ZZZZZZ	5			
19:37	ZZZZZZ	20			
19:42	ZZZZZZ	1			
19:47	MA21052-CCV9	1	X	X	
19:52	MA21052-CCB9	1	X	X	
19:57	MP45686-MB1	1			
20:03	MP45686-B1	1			
20:08	FC24391-21	5			(a)
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
20:13	MP45686-D1	5			
20:19	MP45686-SD1	25			
20:24	MP45686-PS1	5			
20:29	MP45686-S1	5			
20:35	MP45686-S2	5			
20:40	FC24391-21	100			(a)
20:45	MP45686-D1	100			
20:51	MA21052-CCV10	1	X	X	
20:56	MA21052-CCB10	1	X	X	
21:01	MP45686-SD1	500			
21:06	MP45686-PS1	100			
21:11	MP45686-S1	100			
21:16	MP45686-S2	100			
21:22	ZZZZZZ	1			
21:27	ZZZZZZ	1			
21:32	ZZZZZZ	5			
21:37	ZZZZZZ	1			
21:42	ZZZZZZ	1			
21:47	ZZZZZZ	1			
21:53	MA21052-CCV11	1	X	X	
21:57	MA21052-CCB11	1	X	X	
22:03	ZZZZZZ	5			
22:08	ZZZZZZ	1			
22:13	ZZZZZZ	1			
22:18	ZZZZZZ	1			
22:24	ZZZZZZ	1			
22:29	ZZZZZZ	1			
22:34	ZZZZZZ	1			
22:39	ZZZZZZ	1			
22:44	ZZZZZZ	1			
22:49	ZZZZZZ	1			
22:55	MA21052-CCV12	1	X	X	
22:59	MA21052-CCB12	1	X	X	
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li
23:05	ZZZZZZ	1		
23:10	ZZZZZZ	1		
23:15	ZZZZZZ	1		
23:20	MA21052-CCV13	1	X	X
23:25	MA21052-CCB13	1	X	X

(a) Sample used for QC only; not part of login FC24306.

Element:	B	Li

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:50	MA21052-STD1	6816	44441	8534	3008
09:58	MA21052-STD2	6831	44505	8589	2915
10:01	MA21052-STD3	6758	43953	8511	2838
10:05	MA21052-STD4	6660	43121	8428	2718
10:09	MA21052-STD5	6621	42879	8469	2624
10:12	MA21052-STD6	6367	41535	8457	2428
10:24	MA21052-STD7	6772	44133	8411	2908
10:36	MA21052-CRIA1	6861	45078	8625	2951
10:40	MA21052-HSTD1	6347	41402	8378	2422
10:59	MA21052-ICB1	6808 R	44784 R	8522 R	3001 R
11:04	MA21052-ICV1	6689	43466	8620	2642
11:09	MA21052-ICSA1	5965	38433	8150	2326
11:21	MA21052-ICSAB1	6023	38522	8236	2257
11:27	MA21052-CCV1	6586	42945	8441	2606
11:38	MA21052-CCB1	6824	44913	8491	3007
11:43	MP45687-MB1	6901	46458	8623	3029
11:48	MP45687-B1	6435	42629	8428	2589
11:53	FC24414-6	6876	45234	8825	2744
11:58	MP45687-D1	6893	45632	8772	2747
12:03	MP45687-SD1	6870	44979	8581	2936
12:08	MP45687-PS1	6884	45122	8784	2708
12:13	MP45687-S1	6877	44938	8898	2605
12:18	MP45687-S2	6766	44034	8753	2549
12:23	ZZZZZZ	6567	43907	8437	2739
12:28	ZZZZZZ	6552	43923	8381	2743
12:33	MA21052-CCV2	6612	43175	8413	2601
12:38	MA21052-CCB2	6850	45127	8408	3003
12:43	ZZZZZZ	6571	43738	8359	2762
12:48	ZZZZZZ	6717	44932	8498	2864
12:53	FC24306-21F	6640	44184	8308	2807
12:58	FC24306-22F	6705	44576	8364	2830
13:04	ZZZZZZ	6510	42996	8231	2712
13:09	ZZZZZZ	6440	42714	8160	2674

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
13:14	ZZZZZZ	6532	43000	8106	2724
13:19	ZZZZZZ	6547	43123	8177	2716
13:24	ZZZZZZ	6486	43119	8309	2697
13:29	ZZZZZZ	6545	43711	8228	2715
13:34	MA21052-CCV3	6651	43763	8368	2611
13:39	MA21052-CCB3	6860	45632	8385	3002
13:44	ZZZZZZ	6505	43358	8151	2669
13:50	ZZZZZZ	6495	43007	8241	2655
13:55	ZZZZZZ	6616	44255	8209	2792
14:00	ZZZZZZ	6637	44035	8309	2799
14:05	ZZZZZZ	6865	45489	8399	2918
14:10	ZZZZZZ	6922	45878	8532	2890
14:15	ZZZZZZ	6915	45776	8553	2885
14:26	ZZZZZZ	6882	45768	8311	2972
14:31	ZZZZZZ	6679	44486	8294	2797
14:36	MA21052-CCV4	6611	43517	8208	2589
14:41	MA21052-CCB4	6859	45678	8271	2990
14:46	MP45684-MB1	6940	46093	8431	3007
14:52	MP45684-B1	6570	43350	8149	2614
14:57	FC24245-1L	6412	42550	8103	2576
15:02	MP45684-D1	6409	42232	8116	2581
15:07	MP45684-SD1	6807	44863	8368	2849
15:12	MP45684-S1	6410	41982	8230	2456
15:18	MP45684-S2	6436	41882	8247	2464
15:23	ZZZZZZ	6422	42471	8224	2586
15:28	ZZZZZZ	6435	42658	8227	2600
15:33	ZZZZZZ	6375	42199	8083	2574
15:39	MA21052-CCV5	6626	43160	8145	2595
15:44	MA21052-CCB5	6894	45891	8292	2990
15:49	ZZZZZZ	6547	42929	8124	2686
15:54	ZZZZZZ	6578	42872	8162	2685
15:59	ZZZZZZ	6553	43352	8078	2675
16:05	ZZZZZZ	6573	43397	8131	2684

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
16:10	ZZZZZZ	6575	42852	8119	2690
16:15	ZZZZZZ	6585	43268	8140	2679
16:21	ZZZZZZ	6594	43372	8234	2693
16:26	ZZZZZZ	6600	43599	8341	2678
16:31	ZZZZZZ	6489	43334	8134	2690
16:37	MP45684-MB2	6591	43685	8199	2695
16:42	MA21052-CCV6	6634	43794	8137	2591
16:47	MA21052-CCB6	6888	45926	8253	2996
16:52	MP45684-B2	6427	42298	8084	2507
16:57	MP45684-MB3	6847	46071	8223	2969
17:02	MP45684-B3	6680	44322	8181	2665
17:07	MP45685-MB1	6855	46238	8196	2965
17:13	MP45685-B1	6665	44649	8185	2636
17:43	MA21052-CCV7	6598	43798	7997	2561
17:48	MA21052-CCB7	6904	46327	8179	2977
18:04	ZZZZZZ	6780	44872	8152	2811
18:09	ZZZZZZ	6505	43691	8083	2610
18:14	ZZZZZZ	6620	44638	8085	2669
18:20	ZZZZZZ	6905	45811	8188	2916
18:25	ZZZZZZ	6697	43957	8050	2773
18:30	ZZZZZZ	6669	43975	7972	2734
18:35	ZZZZZZ	6583	42897	8041	2655
18:40	ZZZZZZ	6617	43731	8061	2700
18:45	MA21052-CCV8	6700	43671	8170	2614
18:50	MA21052-CCB8	6953	45847	8216	3016
18:55	ZZZZZZ	6836	44835	8215	2862
19:01	ZZZZZZ	6557	43497	8087	2724
19:06	ZZZZZZ	6581	43293	8125	2671
19:11	ZZZZZZ	6529	42822	8113	2631
19:16	ZZZZZZ	6520	42832	8122	2632
19:21	ZZZZZZ	6722	44275	8203	2810
19:27	ZZZZZZ	6675	44105	8241	2772
19:32	ZZZZZZ	6610	43363	8184	2714

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
19:37	ZZZZZZ	6780	44445	8188	2847
19:42	ZZZZZZ	6427	42402	8042	2613
19:47	MA21052-CCV9	6640	43393	8147	2602
19:52	MA21052-CCB9	6893	45483	8214	3013
19:57	MP45686-MB1	6788	44969	8103	2962
20:03	MP45686-B1	6558	42658	7963	2629
20:08	FC24391-21	6346	40947	7922	2490
20:13	MP45686-D1	6346	41034	7942	2484
20:19	MP45686-SD1	6726	43883	8065	2785
20:24	MP45686-PS1	6340	40976	7919	2478
20:29	MP45686-S1	6358	40957	7960	2464
20:35	MP45686-S2	6365	41097	7853	2459
20:40	FC24391-21	6836	44824	8113	2911
20:45	MP45686-D1	6826	44766	8070	2905
20:51	MA21052-CCV10	6626	43139	7982	2596
20:56	MA21052-CCB10	6897	45348	8021	3008
21:01	MP45686-SD1	6875	45376	8021	2985
21:06	MP45686-PS1	6822	44476	8018	2908
21:11	MP45686-S1	6820	44482	7999	2900
21:16	MP45686-S2	6810	44386	7939	2907
21:22	ZZZZZZ	6516	42530	7843	2670
21:27	ZZZZZZ	6693	43979	7984	2774
21:32	ZZZZZZ	6770	44155	7963	2840
21:37	ZZZZZZ	6487	42648	7875	2649
21:42	ZZZZZZ	6619	43430	7831	2749
21:47	ZZZZZZ	6739	44483	8041	2856
21:53	MA21052-CCV11	6636	43191	7933	2594
21:57	MA21052-CCB11	6903	45618	7993	3011
22:03	ZZZZZZ	6646	43306	7915	2777
22:08	ZZZZZZ	6556	42937	7807	2695
22:13	ZZZZZZ	6391	42452	7778	2616
22:18	ZZZZZZ	6468	42402	7806	2614
22:24	ZZZZZZ	6494	42834	7839	2657

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
Analyst: HN Run ID: MA21052
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:29	ZZZZZZ	6569	43224	7831	2728
22:34	ZZZZZZ	6650	44082	8001	2767
22:39	ZZZZZZ	6596	43616	7830	2732
22:44	ZZZZZZ	6743	44488	7921	2863
22:49	ZZZZZZ	6664	44301	7904	2824
22:55	MA21052-CCV12	6574	42572	7681	2578
22:59	MA21052-CCB12	6860	45164	7885	2980
23:05	ZZZZZZ	6504	43197	7774	2682
23:10	ZZZZZZ	6638	43997	7911	2679
23:15	ZZZZZZ	6674	44323	8085	2732
23:20	MA21052-CCV13	6634	43184	7798	2595
23:25	MA21052-CCB13	6870	44964	7887	2997

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: result < RL Run ID: MA21052 Units: ug/l

Time: / Sample ID:			10:59 ICB1		11:38 CCB1		12:38 CCB2		13:39 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	14	anr							
Antimony	6.0	1								
Arsenic	10	1.3	anr							
Barium	200	.5	anr							
Beryllium	4.0	.1								
Boron	200	5	-0.600	<200	-1.10	<200	0.400	<200	-0.100	<200
Cadmium	5.0	.1	anr							
Calcium	1000	50								
Chromium	10	.5	anr							
Cobalt	50	.2								
Copper	25	1								
Iron	300	15	anr							
Lead	5.0	1	anr							
Lithium	10	.5	2.70	<10	0.300	<10	3.00	<10	1.60	<10
Magnesium	5000	35								
Manganese	15	.25	anr							
Molybdenum	50	.3								
Nickel	40	.4	anr							
Potassium	10000	100								
Selenium	10	2	anr							
Silver	10	.5	anr							
Sodium	10000	250	anr							
Strontium	10	.25								
Thallium	10	1								
Tin	50	.5								
Titanium	10	.5								
Vanadium	50	.5								
Zinc	20	3								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA21052 Units: ug/l

Time:		11:04			11:27			12:33	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony									
Arsenic	anr								
Barium	anr								
Beryllium									
Boron	2000	1890	94.5	2000	1940	97.0	2000	1900	95.0
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Lithium	2000	1980	99.0	2000	2010	100.5	2000	2020	101.0
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium									
Selenium	anr								
Silver	anr								
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA21052 Units: ug/l

Time:		13:34	
Sample ID:	CCV	CCV3	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony			
Arsenic	anr		
Barium	anr		
Beryllium			
Boron	2000	1860	93.0
Cadmium	anr		
Calcium			
Chromium	anr		
Cobalt			
Copper			
Iron	anr		
Lead	anr		
Lithium	2000	2040	102.0
Magnesium			
Manganese	anr		
Molybdenum			
Nickel	anr		
Potassium			
Selenium	anr		
Silver	anr		
Sodium	anr		
Strontium			
Thallium			
Tin			
Titanium			
Vanadium			
Zinc			

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA21052 Units: ug/l

Time:		10:40	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony			
Arsenic	anr		
Barium	anr		
Beryllium			
Boron	4000	4020	100.5
Cadmium	anr		
Calcium			
Chromium	anr		
Cobalt			
Copper			
Iron	anr		
Lead	anr		
Lithium	4000	4020	100.5
Magnesium			
Manganese	anr		
Molybdenum			
Nickel	anr		
Potassium			
Selenium	anr		
Silver	anr		
Sodium	anr		
Strontium			
Thallium			
Tin			
Titanium			
Vanadium			
Zinc			

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA21052 Units: ug/l

Time:			10:36	
Sample ID:	CRI	CRIA	CRIA1	
Metal	True	True	Results	% Rec
Aluminum	400	200	anr	
Antimony	10	5.0		
Arsenic	20	10	anr	
Barium	400	200	anr	
Beryllium	10	5.0		
Boron	100	50	53.2	106.4
Cadmium	10	5.0	anr	
Calcium	2000	1000		
Chromium	20	10	anr	
Cobalt	100	50		
Copper	50	25		
Iron	600	300	anr	
Lead	10	5.0	anr	
Lithium	18	9.0	10.1	112.2
Magnesium	10000	5000		
Manganese	30	15	anr	
Molybdenum	100	50		
Nickel	80	40	anr	
Potassium	20000	10000		
Selenium	20	10	anr	
Silver	20	10	anr	
Sodium	20000	10000	anr	
Strontium	20	10		
Thallium	20	10		
Tin	100	50		
Titanium	20	10		
Vanadium	100	50		
Zinc	40	20		

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050625M1.ICP Date Analyzed: 05/06/25 Methods: SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA21052 Units: ug/l

Time:			11:09		11:21	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	511000	102.2	501000	100.2
Antimony		1000	0.00		1040	104.0
Arsenic		1000	-0.300		1030	103.0
Barium		500	0.00		484	96.8
Beryllium		500	0.00		489	97.8
Boron		1000	-0.900		981	98.1
Cadmium		1000	0.00		919	91.9
Calcium	500000	500000	475000	95.0	478000	95.6
Chromium		500	0.800		476	95.2
Cobalt		500	0.100		463	92.6
Copper		500	-0.300		533	106.6
Iron	500000	200000	466000	93.2	183000	91.5
Lead		1000	0.700		973	97.3
Lithium		1000	0.00		1070	107.0
Magnesium	500000	500000	542000	108.4	537000	107.4
Manganese		500	0.400		502	100.4
Molybdenum		1000	0.400		928	92.8
Nickel		1000	0.00		883	88.3
Potassium			153		89.4	
Selenium		1000	-1.40		972	97.2
Silver		1000	0.00		1030	103.0
Sodium			406		340	
Strontium		1000	0.400		1020	102.0
Thallium		1000	0.900		958	95.8
Tin		1000	-0.400		941	94.1
Titanium		1000	0.400		1010	101.0
Vanadium		500	0.00		510	102.0
Zinc		1000	0.800		895	89.5

(*) Outside of QC limits
(anr) Analyte not requested

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:00	MA21056-STD1	1		STDA
14:06	MA21056-STD2	1		STDB
14:12	MA21056-STD3	1		STDC
14:17	MA21056-STD4	1		STDD
14:23	MA21056-STD5	1		STDE
14:29	MA21056-STD6	1		STDF
14:34	MA21056-STD7	1		STDG
14:40	MA21056-HSTD1	1		
14:45	MA21056-HSTD2	1		
14:51	MA21056-ICV1	1		
14:56	MA21056-ICB1	1		
15:02	MA21056-CRIA1	1		
15:08	MA21056-CRIA2	1		
15:14	MA21056-ICSA1	1		
15:19	MA21056-ICSAB1	1		
15:25	MA21056-CCV1	1		
15:30	MA21056-CCV2	1		
15:36	MA21056-CCB1	1		
15:42	MP45693-MB1	2		
15:47	MP45693-B1	2		
15:53	FC24360-7	2		(sample used for QC only; not part of login FC24306)
15:59	MP45693-D1	2		
16:04	MP45693-SD1	10		
16:10	MP45693-PS1	2		
16:16	MP45693-S1	2		
16:21	MP45693-S2	2		
16:27	ZZZZZZ	2		
16:32	ZZZZZZ	2		
16:38	MA21056-CCV3	1		
16:44	MA21056-CCV4	1		
16:49	MA21056-CCB2	1		
16:55	ZZZZZZ	2		
17:01	ZZZZZZ	2		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	17:06	ZZZZZZ	2		
	17:12	ZZZZZZ	2		
	17:18	ZZZZZZ	2		
	17:23	ZZZZZZ	2		
	17:29	FC24306-21F	2		
	17:35	FC24306-22F	2		
---------->		Last reportable sample/prep for job FC24306			
	17:41	MP45690-MB1	5		
	17:46	MP45690-B1	5		
	17:52	MA21056-CCV5	1		
	17:57	MA21056-CCV6	1		
	18:03	MA21056-CCB3	1		
---------->		Last reportable CCB for job FC24306			
	18:09	FC24202-12	20		(sample used for QC only; not part of login FC24306)
	18:14	MP45690-D1	20		
	18:20	MP45690-SD1	100		
	18:26	MP45690-PS1	20		
	18:32	MP45690-S1	20		
	18:37	MP45690-S2	20		
	18:43	ZZZZZZ	20		
	18:49	ZZZZZZ	20		
	18:54	MA21056-CCV7	1		
	19:00	MA21056-CCV8	1		
	19:05	MA21056-CCB4	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Element: Dilution	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn	
14:40	MA21056-HSTD1	1												X			
14:45	MA21056-HSTD2	1	X	X	X	X	X	X	X	X	X	X	X		X	X	
14:51	MA21056-ICV1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
14:56	MA21056-ICB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:02	MA21056-CRIA1	1	X	X	X	X	X	X		X	X	X	X	X	X		
15:08	MA21056-CRIA2	1							X							X	
15:14	MA21056-ICSA1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:19	MA21056-ICSAB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:25	MA21056-CCV1	1												X			
15:30	MA21056-CCV2	1	X	X	X	X	X	X	X	X	X	X	X		X	X	
15:36	MA21056-CCB1	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:42	MP45693-MB1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:47	MP45693-B1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
15:53	FC24360-7	2	X			X					X						(a)
15:59	MP45693-D1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:04	MP45693-SD1	10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:10	MP45693-PS1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:16	MP45693-S1	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:21	MP45693-S2	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:27	ZZZZZZ	2															
16:32	ZZZZZZ	2															
16:38	MA21056-CCV3	1												X			
16:44	MA21056-CCV4	1	X	X	X	X	X	X	X	X	X	X	X		X	X	
16:49	MA21056-CCB2	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
16:55	ZZZZZZ	2															
17:01	ZZZZZZ	2															
17:06	ZZZZZZ	2															
17:12	ZZZZZZ	2															
17:18	ZZZZZZ	2															
17:23	ZZZZZZ	2															
17:29	FC24306-21F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
17:35	FC24306-22F	2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
17:41	MP45690-MB1	5								X							
		Element:	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Element: Dilution	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn	
17:46	MP45690-B1	5								X							
17:52	MA21056-CCV5	1												X			
17:57	MA21056-CCV6	1	X	X	X	X	X	X	X	X	X	X	X		X	X	
18:03	MA21056-CCB3	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
18:09	FC24202-12	20								X							(a)
18:14	MP45690-D1	20								X							
18:20	MP45690-SD1	100								X							
18:26	MP45690-PS1	20								X							
18:32	MP45690-S1	20								X							
18:37	MP45690-S2	20								X							
18:43	ZZZZZZ	20															
18:49	ZZZZZZ	20															
18:54	MA21056-CCV7	1												X			
19:00	MA21056-CCV8	1	X	X	X	X	X	X	X	X	X	X	X		X	X	
19:05	MA21056-CCB4	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

(a) Sample used for QC only; not part of login FC24306.

Element:	Sb	As	Cd	Ca	Cr	Co	Cu	Pb	Mg	Ni	Se	Ag	Tl	Zn

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7
14:00	MA21056-STD1	100	100	100	100	100	100	100
14:06	MA21056-STD2	101.1	101.1	99.5	100.9	101.6	100.6	99.8
14:12	MA21056-STD3	102.9	100.9	100.2	100.4	102	99.7	100.6
14:17	MA21056-STD4	102.9	102.4	101.8	102.4	100.4	100.5	99.6
14:23	MA21056-STD5	101.9	102.5	101.3	101.3	100.1	101.4	95
14:29	MA21056-STD6	97.5	103.8	102.9	102.9	100.6	101.2	94.4
14:34	MA21056-STD7	96.4	102.7	102.5	102.2	97.8	100.9	91.5
14:40	MA21056-HSTD1	103.7	104.2	103.4	103.4	100.4	101.5	95.3
14:45	MA21056-HSTD2	100	103.9	102.8	102.4	97.8	102	92.7
14:51	MA21056-ICV1	101.3	105.2	103.1	104.1	100.6	102.5	94.8
14:56	MA21056-ICB1	102.9	104.5	103.9	103.5	103.4	103.5	103.6
15:02	MA21056-CRIA1	109.7	105.6	105.3	105.1	104.9	103.8	102.5
15:08	MA21056-CRIA2	107.1	106.8	106.3	106.1	104.9	105.3	101.5
15:14	MA21056-ICSA1	92.6	98	99.6	96	91.6	97.5	88.2
15:19	MA21056-ICSAB1	85.3	95.7	98.9	96.4	87.5	98.2	89.5
15:25	MA21056-CCV1	91.6	98.5	103.3	103.5	100.8	104.5	101.4
15:30	MA21056-CCV2	90.5	101.8	104.4	105	102.4	105.6	98.7
15:36	MA21056-CCB1	90.7	100	102.3	103.6	102.1	105	106.2
15:42	MP45693-MB1	92.5	98.3	98.5	99	100.8	102.7	102.6
15:47	MP45693-B1	91.2	101.7	103.2	103.8	97	104	96.3
15:53	FC24360-7	85.4	102.3	102.9	102.7	99	104.3	95.9
15:59	MP45693-D1	90.6	101.1	101	102.5	97.4	101.3	94.8
16:04	MP45693-SD1	97.5	106.2	107.1	107.1	105	105.6	103.6
16:10	MP45693-PS1	90	98	99.3	99.9	95.4	101.2	94.2
16:16	MP45693-S1	87.1	95.9	98.3	98.8	90.6	99.6	93
16:21	MP45693-S2	87.7	97.7	99.1	99.2	92.5	101.2	92.7
16:27	ZZZZZZ	88.3	100.6	101	100.3	95.9	99.8	92.4
16:32	ZZZZZZ	95.6	103.9	103.2	103	100.4	103.3	92.1
16:38	MA21056-CCV3	98.5	109.6	111	111	106.8	108.1	102.1
16:44	MA21056-CCV4	100.5	108.8	109.9	109.9	104.6	106.8	99.8
16:49	MA21056-CCB2	102.7	110.5	111.3	112.1	110.9	108.8	107.5
16:55	ZZZZZZ	92.2	102.8	100.1	100.4	98	101.9	93
17:01	ZZZZZZ	91.5	104	102.8	102.5	98.5	101.5	91.3

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
Analyst: LM Run ID: MA21056
Parameters: Sb,As,Cd,Ca,Cr,Co,Cu,Pb,Mg,Ni,Se,Ag,Tl,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7
17:06	ZZZZZZ	100.8	107.3	107.8	107.9	106	107	101
17:12	ZZZZZZ	96.4	103.9	103.3	103.6	101.9	103.7	96.2
17:18	ZZZZZZ	87.4	100.3	100.5	101.5	98.9	103	94
17:23	ZZZZZZ	103.2	103.2	104	104.5	103.3	104.2	99
17:29	FC24306-21F	99.1	104.2	105.8	106	103.3	104.8	100.5
17:35	FC24306-22F	98.8	104.6	105.8	106.9	104.3	106.4	101.3
17:41	MP45690-MB1	99.5	110.5	110.6	110.9	109.3	109.3	106.6
17:46	MP45690-B1	97	105.5	106.1	106.5	103.1	105.7	98.7
17:52	MA21056-CCV5	103.1	108.2	110.7	111.1	107.3	106.4	101.6
17:57	MA21056-CCV6	98.1	107.5	109.5	109	105.3	106.1	99.4
18:03	MA21056-CCB3	100.1	106.6	107.7	108.3	109.5	104.7	106.1
18:09	FC24202-12	100.5	122.1	118.8	118.6	116	110.4	101.9
18:14	MP45690-D1	103.1	127.1	122.9	122.9	120.4	112	103
18:20	MP45690-SD1	105.3	125.9	123.2	123.4	122.8	111.6	107
18:26	MP45690-PS1	106.7	123.1	120.3	120.1	116.1	109.4	102.1
18:32	MP45690-S1	107.6	124.6	118.8	119	116.8	109.3	101.5
18:37	MP45690-S2	107.4	126.1	121.5	120.5	118.8	109.3	102.2
18:43	ZZZZZZ	107.8	125.6	121.5	121.4	119.1	110.7	101.3
18:49	ZZZZZZ	107.3	125.2	120.6	120.3	118.7	111.4	102.8
18:54	MA21056-CCV7	106.2	122.1	120.6	120.3	116.8	110.9	103.3
19:00	MA21056-CCV8	108.4	127.5	124.3	124.1	118.7	110.8	101.3
19:05	MA21056-CCB4	103.4	108	108.5	109	110.6	107	107

! = Outside limits.

LEGEND:			CCV/CCB
Istd#	Parameter	Limits	Limits
Istd#1	Lithium	70-130 %	70-130 %
Istd#2	Scandium	70-130 %	70-130 %
Istd#3	Germanium (72-2)	70-130 %	70-130 %
Istd#4	Germanium (74-2)	70-130 %	70-130 %
Istd#5	Indium	70-130 %	70-130 %
Istd#6	Terbium	70-130 %	70-130 %
Istd#7	Bismuth	70-130 %	70-130 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: result < RL Run ID: MA21056 Units: ug/l

Time: / Sample ID:			14:56 ICB1		15:36 CCB1		16:49 CCB2		18:03 CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	100	5								
Antimony	1.0	.1	0.0530	<1.0	0.0230	<1.0	0.00100	<1.0	-0.00600	<1.0
Arsenic	1.0	.1	0.0300	<1.0	0.0170	<1.0	0.00700	<1.0	0.0110	<1.0
Barium	1.0	.1	anr							
Beryllium	1.0	.1								
Cadmium	1.0	.1	0.00500	<1.0	-0.0140	<1.0	-0.0180	<1.0	-0.0160	<1.0
Calcium	1000	5	2.63	<1000	0.615	<1000	1.69	<1000	1.37	<1000
Chromium	1.0	.1	0.0190	<1.0	0.00300	<1.0	0.00	<1.0	0.00100	<1.0
Cobalt	1.0	.1	0.0170	<1.0	0.00600	<1.0	0.00700	<1.0	0.0100	<1.0
Copper	5.0	.1	0.0160	<5.0	0.0160	<5.0	-0.0320	<5.0	-0.0480	<5.0
Iron	100	5								
Lead	1.0	.1	-0.0670	<1.0	-0.109	<1.0	-0.124	<1.0	-0.124	<1.0
Magnesium	100	5	1.21	<100	1.62	<100	0.536	<100	0.410	<100
Manganese	1.0	.1								
Molybdenum	1.0	.1								
Nickel	2.0	.1	-0.0140	<2.0	-0.0330	<2.0	-0.0750	<2.0	-0.0880	<2.0
Potassium	100	5								
Selenium	1.0	.1	0.0320	<1.0	-0.00800	<1.0	0.0290	<1.0	-0.0100	<1.0
Silver	1.0	.1	0.0230	<1.0	0.0130	<1.0	0.00	<1.0	-0.00300	<1.0
Sodium	100	5								
Strontium	1.0	.1								
Thallium	1.0	.1	0.105	<1.0	0.0490	<1.0	0.118	<1.0	0.137	<1.0
Tin	1.0	.1								
Titanium	2.0	.25								
Vanadium	1.0	.1								
Zinc	5.0	.25	-0.0500	<5.0	-0.112	<5.0	-0.140	<5.0	-0.132	<5.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21056 Units: ug/l

Time:		14:51			15:25			15:30	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	100	95.4	95.4				100	91.0	91.0
Arsenic	100	99.9	99.9				100	98.0	98.0
Barium	anr								
Beryllium									
Cadmium	100	103	103.0				100	98.9	98.9
Calcium	10000	10200	102.0				10000	9640	96.4
Chromium	100	99.8	99.8				100	98.1	98.1
Cobalt	100	105	105.0				100	102	102.0
Copper	100	102	102.0				100	104	104.0
Iron									
Lead	100	107	107.0				100	106	106.0
Magnesium	10000	10800	108.0				10000	10000	100.0
Manganese									
Molybdenum									
Nickel	100	106	106.0				100	100	100.0
Potassium									
Selenium	100	100	100.0				100	93.5	93.5
Silver	50	50.4	100.8	50	51.5	103.0			
Sodium									
Strontium									
Thallium	100	106	106.0				100	101	101.0
Tin									
Titanium									
Vanadium									
Zinc	100	105	105.0				100	100	100.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21056 Units: ug/l

Time:		16:38			16:44			17:52	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony				100	92.7	92.7			
Arsenic				100	97.9	97.9			
Barium									
Beryllium									
Cadmium				100	99.5	99.5			
Calcium				10000	9810	98.1			
Chromium				100	96.2	96.2			
Cobalt				100	102	102.0			
Copper				100	103	103.0			
Iron									
Lead				100	106	106.0			
Magnesium				10000	10200	102.0			
Manganese									
Molybdenum									
Nickel				100	98.7	98.7			
Potassium									
Selenium				100	94.3	94.3			
Silver	50	50.5	101.0				50	50.1	100.2
Sodium									
Strontium									
Thallium				100	101	101.0			
Tin									
Titanium									
Vanadium									
Zinc				100	99.2	99.2			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21056 Units: ug/l

Time:		17:57	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Aluminum			
Antimony	100	92.2	92.2
Arsenic	100	97.4	97.4
Barium	anr		
Beryllium			
Cadmium	100	97.8	97.8
Calcium	10000	9890	98.9
Chromium	100	96.4	96.4
Cobalt	100	102	102.0
Copper	100	101	101.0
Iron			
Lead	100	107	107.0
Magnesium	10000	10500	105.0
Manganese			
Molybdenum			
Nickel	100	97.5	97.5
Potassium			
Selenium	100	95.6	95.6
Silver			
Sodium			
Strontium			
Thallium	100	101	101.0
Tin			
Titanium			
Vanadium			
Zinc	100	97.9	97.9

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: 90 to 110 % Recovery Run ID: MA21056 Units: ug/l

Time:		14:40			14:45	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum						
Antimony				200	204	102.0
Arsenic				200	199	99.5
Barium						
Beryllium						
Cadmium				200	200	100.0
Calcium				20000	19800	99.0
Chromium				200	198	99.0
Cobalt				200	198	99.0
Copper				200	200	100.0
Iron						
Lead				200	197	98.5
Magnesium				20000	19700	98.5
Manganese						
Molybdenum						
Nickel				200	199	99.5
Potassium						
Selenium				200	196	98.0
Silver	100	99.5	99.5			
Sodium						
Strontium						
Thallium				200	199	99.5
Tin						
Titanium						
Vanadium						
Zinc				200	198	99.0

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: CRI 70-130% CRIA 80-120% Run ID: MA21056 Units: ug/l

Time:			15:02		15:08	
Sample ID:	CRI	CRIA	CRIA1		CRIA2	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	100	100				
Antimony	1.0	1.0	0.901	90.1		
Arsenic	1.0	1.0	0.994	99.4		
Barium	1.0	1.0	anr			
Beryllium	1.0	1.0				
Cadmium	1.0	1.0	0.997	99.7		
Calcium	100	100	104	104.0		
Chromium	1.0	1.0	0.994	99.4		
Cobalt	1.0	1.0	0.999	99.9		
Copper	1.0	1.0			4.85	97.0
Iron	100	100				
Lead	1.0	1.0	0.851	85.1		
Magnesium	100	100	100	100.0		
Manganese	1.0	1.0				
Molybdenum	1.0	1.0				
Nickel	1.0	1.0	0.999	99.9		
Potassium	100	100				
Selenium	1.0	1.0	1.13	113.0		
Silver	1.0	1.0	0.953	95.3		
Sodium	100	100				
Strontium	1.0	1.0				
Thallium	1.0	1.0	0.887	88.7		
Tin	1.0	1.0				
Titanium	1.0	1.0				
Vanadium	1.0	1.0				
Zinc	1.0	1.0			4.90	98.0

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: XB050725M1.CSV Date Analyzed: 05/07/25 Methods: SW846 6020B
QC Limits: 80 to 120 % Recovery Run ID: MA21056 Units: ug/l

Time:			15:14		15:19	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	100000	100000	91900	91.9	89600	89.6
Antimony			0.136		0.145	
Arsenic		20	0.0560		20.0	100.0
Barium			0.535		0.552	
Beryllium			0.0180		0.0230	
Cadmium		20	0.492		21.1	105.5
Calcium	100000	100000	92600	92.6	92100	92.1
Chromium		20	1.02*(a)		20.2	101.0
Cobalt		20	0.133		18.4	92.0
Copper		20	0.0250		17.7	88.5
Iron	100000	100000	96900	96.9	95300	95.3
Lead			-0.0540		-0.0600	
Magnesium	100000	100000	95700	95.7	94900	94.9
Manganese		20	0.245		19.1	95.5
Molybdenum	2000	2000	2030	101.5	2030	101.5
Nickel		20	0.366		19.4	97.0
Potassium	100000	100000	96700	96.7	96400	96.4
Selenium			0.190		0.160	
Silver		20	0.0520		19.0	95.0
Sodium	100000	100000	96900	96.9	97800	97.8
Strontium			0.729		0.698	
Thallium			0.0140		0.0140	
Tin			-0.0190		-0.0100	
Titanium	2000	2000	1950	97.5	1930	96.5
Vanadium			0.0230		0.0290	
Zinc		20	1.22		19.9	99.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) Trace level contamination.

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:46	MA21058-STD1	1		STDC
09:50	MA21058-STD2	1		STDD
09:53	MA21058-STD3	1		STDE
09:57	MA21058-STD4	1		STDF
10:00	MA21058-STD5	1		STDG
10:13	MA21058-STD6	1		STDB
10:20	MA21058-STD7	1		STDA
10:27	MA21058-CRIA1	1		
10:33	MA21058-CRIA2	1		
10:38	MA21058-HSTD1	1		
10:49	MA21058-ICV1	1		
11:00	MA21058-ICB1	1		
11:04	MA21058-ICSA1	1		
11:12	MA21058-ICSAB1	1		
11:19	MA21058-CCV1	1		
11:27	MA21058-CCB1	1		
11:32	MP45681-MB1	1		
11:37	MP45681-B1	1		
11:42	FC24306-11F	1		
11:47	MP45681-D1	1		
11:52	MP45681-SD1	5		
11:57	MP45681-PS1	1		
12:02	MP45681-S1	1		
12:07	MP45681-S2	1		
12:12	FC24306-1	1		
12:17	FC24306-2F	1		
12:22	MA21058-CCV2	1		
12:27	MA21058-CCB2	1		
12:33	FC24306-3F	1		
12:38	FC24306-4F	1		
12:43	FC24306-5F	1		
12:48	FC24306-6F	1		
12:53	FC24306-7F	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:58	FC24306-8F	1		
13:03	FC24306-9F	1		
13:08	FC24306-10F	1		
13:14	FC24306-12F	1		
13:19	FC24306-13F	1		
13:24	MA21058-CCV3	1		
13:29	MA21058-CCB3	1		
13:34	FC24306-14F	1		
13:39	FC24306-15	1		
13:44	FC24306-16F	1		
13:49	FC24306-17F	1		
13:55	FC24306-18F	1		
14:00	FC24306-19F	1		
14:05	FC24306-20F	1		
---------->	Last reportable sample/prep for job FC24306			
14:10	MP45699-MB1	1		
14:15	MP45699-B1	1		
14:20	FC24270-1	1		(sample used for QC only; not part of login FC24306)
14:25	MA21058-CCV4	1		
14:30	MA21058-CCB4	1		
---------->	Last reportable CCB for job FC24306			
14:35	MP45699-D1	1		
14:41	MP45699-SD1	5		
14:46	MP45699-S1	1		
14:51	MP45699-S2	1		
14:56	ZZZZZZ	1		
15:01	ZZZZZZ	1		
15:06	ZZZZZZ	1		
15:12	ZZZZZZ	1		
15:17	ZZZZZZ	1		
15:22	ZZZZZZ	1		
15:27	MA21058-CCV5	1		
15:32	MA21058-CCB5	1		
15:37	ZZZZZZ	1		
15:43	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:48	ZZZZZZ	1		
15:53	ZZZZZZ	1		
15:58	ZZZZZZ	1		
16:03	MP45699-MB2	1		
16:09	MP45699-B2	1		
16:14	MP45699-MB3	1		
16:19	MP45699-B3	1		
16:24	MP45699-MB4	1		
16:29	MA21058-CCV6	1		
16:34	MA21058-CCB6	1		
16:39	MP45699-B4	1		
16:44	ZZZZZZ	10		
16:49	MP45700-MB1	1		
16:55	MP45700-B1	1		
17:00	FC24473-1	1		(sample used for QC only; not part of login FC24306)
17:05	MP45700-D1	1		
17:11	MP45700-SD1	5		
17:16	MP45700-PS1	1		
17:21	MP45700-S1	1		
17:26	MP45700-S2	1		
17:31	MA21058-CCV7	1		
17:36	MA21058-CCB7	1		
17:41	ZZZZZZ	1		
17:47	ZZZZZZ	1		
17:52	ZZZZZZ	1		
17:57	ZZZZZZ	1		
18:02	ZZZZZZ	1		
18:07	ZZZZZZ	1		
18:12	ZZZZZZ	1		
18:18	ZZZZZZ	1		
18:23	ZZZZZZ	1		
18:28	ZZZZZZ	1		
18:33	MA21058-CCV8	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:38	MA21058-CCB8	1		
18:43	ZZZZZZ	1		
18:48	ZZZZZZ	1		
18:53	ZZZZZZ	1		
18:58	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:09	ZZZZZZ	1		
19:14	ZZZZZZ	1		
19:19	ZZZZZZ	1		
19:24	ZZZZZZ	1		
19:29	MP45701-MB1	1		
19:35	MA21058-CCV9	1		
19:39	MA21058-CCB9	1		
19:45	MP45701-B1	1		
19:50	FC24432-6F	1		(sample used for QC only; not part of login FC24306)
19:55	MP45701-D1	1		
20:00	MP45701-SD1	5		
20:05	MP45701-PS1	1		
20:10	MP45701-S1	1		
20:15	MP45701-S2	1		
20:20	ZZZZZZ	1		
20:25	ZZZZZZ	1		
20:30	ZZZZZZ	1		
20:35	MA21058-CCV10	1		
20:40	MA21058-CCB10	1		
20:46	ZZZZZZ	1		
20:51	ZZZZZZ	1		
20:56	ZZZZZZ	5		
21:01	ZZZZZZ	5		
21:07	ZZZZZZ	5		
21:12	ZZZZZZ	5		
21:17	ZZZZZZ	5		
21:22	ZZZZZZ	5		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:28	ZZZZZZ	20		
21:33	ZZZZZZ	100		
21:38	MA21058-CCV11	1		
21:43	MA21058-CCB11	1		
21:48	ZZZZZZ	100		
21:53	ZZZZZZ	100		
21:58	ZZZZZZ	100		
22:04	ZZZZZZ	100		
22:09	ZZZZZZ	5		
22:14	ZZZZZZ	5		
22:20	ZZZZZZ	5		
22:25	ZZZZZZ	5		
22:30	ZZZZZZ	5		
22:36	ZZZZZZ	5		
22:41	MA21058-CCV12	1		
22:46	MA21058-CCB12	1		
22:51	ZZZZZZ	5		
22:57	ZZZZZZ	1		
23:02	MP45698-MB1	1		
23:07	MP45698-B1	1		
23:12	FC24423-14	5		(sample used for QC only; not part of login FC24306)
23:18	MP45698-D1	5		
23:23	MP45698-SD1	25		
23:28	MP45698-PS1	5		
23:34	MP45698-S1	5		
23:39	MP45698-S2	5		
23:44	MA21058-CCV13	1		
23:49	MA21058-CCB13	1		
23:54	ZZZZZZ	5		
00:00	ZZZZZZ	5		
00:05	ZZZZZZ	5		
00:10	ZZZZZZ	5		
00:15	ZZZZZZ	5		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:20	ZZZZZZ	5		
00:26	ZZZZZZ	5		
00:31	ZZZZZZ	5		
00:36	ZZZZZZ	5		
00:41	ZZZZZZ	5		
00:47	MA21058-CCV14	1		
00:52	MA21058-CCB14	1		
00:57	ZZZZZZ	5		
01:02	ZZZZZZ	5		
01:07	ZZZZZZ	5		
01:13	ZZZZZZ	5		
01:18	ZZZZZZ	5		
01:23	ZZZZZZ	5		
01:28	ZZZZZZ	5		
01:33	ZZZZZZ	5		
01:38	ZZZZZZ	5		
01:43	MA21058-CCV15	1		
01:48	MA21058-CCB15	1		

Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li
10:27	MA21058-CRIA1	1	X	X
10:33	MA21058-CRIA2	1		
10:38	MA21058-HSTD1	1	X	X
10:49	MA21058-ICV1	1	X	X
11:00	MA21058-ICB1	1	X	X
11:04	MA21058-ICSA1	1	X	X
11:12	MA21058-ICSAB1	1	X	X
11:19	MA21058-CCV1	1	X	X
11:27	MA21058-CCB1	1	X	X
11:32	MP45681-MB1	1	X	X
11:37	MP45681-B1	1	X	X
11:42	FC24306-11F	1	X	X
11:47	MP45681-D1	1	X	X
11:52	MP45681-SD1	5	X	X
11:57	MP45681-PS1	1	X	X
12:02	MP45681-S1	1	X	X
12:07	MP45681-S2	1	X	X
12:12	FC24306-1	1	X	X
12:17	FC24306-2F	1	X	X
12:22	MA21058-CCV2	1	X	X
12:27	MA21058-CCB2	1	X	X
12:33	FC24306-3F	1	X	X
12:38	FC24306-4F	1	X	X
12:43	FC24306-5F	1	X	X
12:48	FC24306-6F	1	X	X
12:53	FC24306-7F	1	X	X
12:58	FC24306-8F	1	X	X
13:03	FC24306-9F	1	X	X
13:08	FC24306-10F	1	X	X
13:14	FC24306-12F	1	X	X
13:19	FC24306-13F	1	X	X
13:24	MA21058-CCV3	1	X	X
13:29	MA21058-CCB3	1	X	X
		Element:	B	Li

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
13:34	FC24306-14F	1	X	X	
13:39	FC24306-15	1	X	X	
13:44	FC24306-16F	1	X	X	
13:49	FC24306-17F	1	X	X	
13:55	FC24306-18F	1	X	X	
14:00	FC24306-19F	1	X	X	
14:05	FC24306-20F	1	X	X	
14:10	MP45699-MB1	1			
14:15	MP45699-B1	1			
14:20	FC24270-1	1			(a)
14:25	MA21058-CCV4	1	X	X	
14:30	MA21058-CCB4	1	X	X	
14:35	MP45699-D1	1			
14:41	MP45699-SD1	5			
14:46	MP45699-S1	1			
14:51	MP45699-S2	1			
14:56	ZZZZZZ	1			
15:01	ZZZZZZ	1			
15:06	ZZZZZZ	1			
15:12	ZZZZZZ	1			
15:17	ZZZZZZ	1			
15:22	ZZZZZZ	1			
15:27	MA21058-CCV5	1	X	X	
15:32	MA21058-CCB5	1	X	X	
15:37	ZZZZZZ	1			
15:43	ZZZZZZ	1			
15:48	ZZZZZZ	1			
15:53	ZZZZZZ	1			
15:58	ZZZZZZ	1			
16:03	MP45699-MB2	1			
16:09	MP45699-B2	1			
16:14	MP45699-MB3	1			
16:19	MP45699-B3	1			
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Dilution	B	Li	
16:24	MP45699-MB4	1			
16:29	MA21058-CCV6	1	X	X	
16:34	MA21058-CCB6	1	X	X	
16:39	MP45699-B4	1			
16:44	ZZZZZZ	10			
16:49	MP45700-MB1	1			
16:55	MP45700-B1	1			
17:00	FC24473-1	1			(a)
17:05	MP45700-D1	1			
17:11	MP45700-SD1	5			
17:16	MP45700-PS1	1			
17:21	MP45700-S1	1			
17:26	MP45700-S2	1			
17:31	MA21058-CCV7	1	X	X	
17:36	MA21058-CCB7	1	X	X	
17:41	ZZZZZZ	1			
17:47	ZZZZZZ	1			
17:52	ZZZZZZ	1			
17:57	ZZZZZZ	1			
18:02	ZZZZZZ	1			
18:07	ZZZZZZ	1			
18:12	ZZZZZZ	1			
18:18	ZZZZZZ	1			
18:23	ZZZZZZ	1			
18:28	ZZZZZZ	1			
18:33	MA21058-CCV8	1	X	X	
18:38	MA21058-CCB8	1	X	X	
18:43	ZZZZZZ	1			
18:48	ZZZZZZ	1			
18:53	ZZZZZZ	1			
18:58	ZZZZZZ	1			
19:04	ZZZZZZ	1			
19:09	ZZZZZZ	1			
	Element:		B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
19:14	ZZZZZZ	1			
19:19	ZZZZZZ	1			
19:24	ZZZZZZ	1			
19:29	MP45701-MB1	1	X		
19:35	MA21058-CCV9	1	X	X	
19:39	MA21058-CCB9	1	X	X	
19:45	MP45701-B1	1	X		
19:50	FC24432-6F	1			(a)
19:55	MP45701-D1	1	X		
20:00	MP45701-SD1	5	X		
20:05	MP45701-PS1	1	X		
20:10	MP45701-S1	1	X		
20:15	MP45701-S2	1	X		
20:20	ZZZZZZ	1			
20:25	ZZZZZZ	1			
20:30	ZZZZZZ	1			
20:35	MA21058-CCV10	1	X	X	
20:40	MA21058-CCB10	1	X	X	
20:46	ZZZZZZ	1			
20:51	ZZZZZZ	1			
20:56	ZZZZZZ	5			
21:01	ZZZZZZ	5			
21:07	ZZZZZZ	5			
21:12	ZZZZZZ	5			
21:17	ZZZZZZ	5			
21:22	ZZZZZZ	5			
21:28	ZZZZZZ	20			
21:33	ZZZZZZ	100			
21:38	MA21058-CCV11	1	X	X	
21:43	MA21058-CCB11	1	X	X	
21:48	ZZZZZZ	100			
21:53	ZZZZZZ	100			
21:58	ZZZZZZ	100			
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li	
22:04	ZZZZZZ	100			
22:09	ZZZZZZ	5			
22:14	ZZZZZZ	5			
22:20	ZZZZZZ	5			
22:25	ZZZZZZ	5			
22:30	ZZZZZZ	5			
22:36	ZZZZZZ	5			
22:41	MA21058-CCV12	1	X	X	
22:46	MA21058-CCB12	1	X	X	
22:51	ZZZZZZ	5			
22:57	ZZZZZZ	1			
23:02	MP45698-MB1	1			
23:07	MP45698-B1	1			
23:12	FC24423-14	5			(a)
23:18	MP45698-D1	5			
23:23	MP45698-SD1	25			
23:28	MP45698-PS1	5			
23:34	MP45698-S1	5			
23:39	MP45698-S2	5			
23:44	MA21058-CCV13	1	X	X	
23:49	MA21058-CCB13	1	X	X	
23:54	ZZZZZZ	5			
00:00	ZZZZZZ	5			
00:05	ZZZZZZ	5			
00:10	ZZZZZZ	5			
00:15	ZZZZZZ	5			
00:20	ZZZZZZ	5			
00:26	ZZZZZZ	5			
00:31	ZZZZZZ	5			
00:36	ZZZZZZ	5			
00:41	ZZZZZZ	5			
00:47	MA21058-CCV14	1	X	X	
00:52	MA21058-CCB14	1	X	X	
		Element:	B	Li	

REPORTED ELEMENTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Element: Dilution	B	Li
00:57	ZZZZZZ	5		
01:02	ZZZZZZ	5		
01:07	ZZZZZZ	5		
01:13	ZZZZZZ	5		
01:18	ZZZZZZ	5		
01:23	ZZZZZZ	5		
01:28	ZZZZZZ	5		
01:33	ZZZZZZ	5		
01:38	ZZZZZZ	5		
01:43	MA21058-CCV15	1	X	X
01:48	MA21058-CCB15	1	X	X

(a) Sample used for QC only; not part of login FC24306.

Element:	B	Li

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:46	MA21058-STD1	7000	46095	8498	2954
09:50	MA21058-STD2	6972	46269	8545	2892
09:53	MA21058-STD3	6855	45400	8456	2773
09:57	MA21058-STD4	6778	45091	8504	2662
10:00	MA21058-STD5	6514	43249	8313	2464
10:13	MA21058-STD6	6913	46045	8432	2946
10:20	MA21058-STD7	7027	46899	8524	3078
10:27	MA21058-CRIA1	6998	46680	8462	2984
10:33	MA21058-CRIA2				2977
10:38	MA21058-HSTD1	6611	43656	8362	2505
10:49	MA21058-ICV1	6829	44958	8511	2672
11:00	MA21058-ICB1	7087 R	47441 R	8547 R	3107 R
11:04	MA21058-ICSA1	6183	40457	8201	2387
11:12	MA21058-ICSAB1	6222	40006	8131	2324
11:19	MA21058-CCV1	6809	44433	8387	2690
11:27	MA21058-CCB1	6956	46175	8388	3071
11:32	MP45681-MB1	7029	46761	8558	3096
11:37	MP45681-B1	6661	44013	8421	2689
11:42	FC24306-11F	6812	44957	8515	2876
11:47	MP45681-D1	6803	45029	8455	2875
11:52	MP45681-SD1	6988	46239	8479	3039
11:57	MP45681-PS1	6804	44887	8442	2831
12:02	MP45681-S1	6694	44266	8363	2660
12:07	MP45681-S2	6637	43789	8265	2633
12:12	FC24306-1	7053	47318	8508	3096
12:17	FC24306-2F	7058	47866	8504	3095
12:22	MA21058-CCV2	6807	44665	8411	2676
12:27	MA21058-CCB2	7051	47135	8430	3098
12:33	FC24306-3F	6820	45690	8378	2847
12:38	FC24306-4F	6796	45367	8352	2852
12:43	FC24306-5F	6846	46057	8403	2872
12:48	FC24306-6F	6842	45423	8323	2866
12:53	FC24306-7F	6798	45354	8342	2824

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
12:58	FC24306-8F	6821	45926	8416	2834
13:03	FC24306-9F	6823	45747	8344	2833
13:08	FC24306-10F	6759	44978	8237	2802
13:14	FC24306-12F	6828	45680	8326	2847
13:19	FC24306-13F	6843	45648	8269	2867
13:24	MA21058-CCV3	6749	44355	8189	2648
13:29	MA21058-CCB3	7060	47205	8393	3091
13:34	FC24306-14F	6819	45422	8270	2852
13:39	FC24306-15	6992	46924	8255	3053
13:44	FC24306-16F	7075	47648	8393	3092
13:49	FC24306-17F	6820	45349	8232	2835
13:55	FC24306-18F	6754	45099	8114	2800
14:00	FC24306-19F	6735	45035	8181	2801
14:05	FC24306-20F	6849	45634	8248	2851
14:10	MP45699-MB1	7018	47193	8242	3052
14:15	MP45699-B1	6831	45469	8268	2717
14:20	FC24270-1	6602	44343	8265	2683
14:25	MA21058-CCV4	6878	45646	8330	2681
14:30	MA21058-CCB4	7105	47842	8430	3085
14:35	MP45699-D1	6593	44602	8203	2676
14:41	MP45699-SD1	6939	46509	8299	2928
14:46	MP45699-S1	6611	43730	8208	2532
14:51	MP45699-S2	6563	43255	8160	2507
14:56	ZZZZZZ	6870	45982	8284	2816
15:01	ZZZZZZ	6782	45118	8027	2810
15:06	ZZZZZZ	6805	45513	8023	2882
15:12	ZZZZZZ	6923	46124	8112	2938
15:17	ZZZZZZ	6977	46989	8243	2962
15:22	ZZZZZZ	6661	44788	8090	2720
15:27	MA21058-CCV5	6808	45286	8060	2645
15:32	MA21058-CCB5	7097	47606	8168	3066
15:37	ZZZZZZ	6696	45136	8172	2721
15:43	ZZZZZZ	6515	43694	8007	2572

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
15:48	ZZZZZZ	7025	47608	8228	2997
15:53	ZZZZZZ	7059	47685	8323	3035
15:58	ZZZZZZ	6748	45448	8128	2745
16:03	MP45699-MB2	6853	45707	8071	2781
16:09	MP45699-B2	6749	44419	8123	2626
16:14	MP45699-MB3	7112	48139	8239	3082
16:19	MP45699-B3	6837	45381	8179	2711
16:24	MP45699-MB4	7080	47729	8188	3060
16:29	MA21058-CCV6	6853	45463	8066	2657
16:34	MA21058-CCB6	7110	47825	8193	3066
16:39	MP45699-B4	6815	45233	8085	2696
16:44	ZZZZZZ	6503	43519	7952	2505
16:49	MP45700-MB1	7078	47677	8152	3048
16:55	MP45700-B1	6803	45529	8061	2677
17:00	FC24473-1	6616	44715	8050	2624
17:05	MP45700-D1	6614	44404	8075	2624
17:11	MP45700-SD1	6863	46034	8030	2858
17:16	MP45700-PS1	6586	44160	7962	2584
17:21	MP45700-S1	6570	43575	7961	2498
17:26	MP45700-S2	6463	43048	7835	2464
17:31	MA21058-CCV7	6851	45589	8062	2657
17:36	MA21058-CCB7	7078	47408	8117	3068
17:41	ZZZZZZ	6454	43097	7799	2560
17:47	ZZZZZZ	7058	47330	8091	3027
17:52	ZZZZZZ	7084	47286	8118	3041
17:57	ZZZZZZ	7089	47650	8183	3028
18:02	ZZZZZZ	7113	47766	8235	3053
18:07	ZZZZZZ	7129	47496	8207	3020
18:12	ZZZZZZ	7106	47769	8192	3045
18:18	ZZZZZZ	7080	47608	8237	3026
18:23	ZZZZZZ	7109	47396	8254	3052
18:28	ZZZZZZ	7009	47108	8211	2991
18:33	MA21058-CCV8	6881	45401	8103	2681

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
18:38	MA21058-CCB8	7105	47353	8158	3084
18:43	ZZZZZZ	6975	46750	8159	2938
18:48	ZZZZZZ	6956	46368	8187	2949
18:53	ZZZZZZ	7041	46588	8163	3003
18:58	ZZZZZZ	6965	46617	8166	2950
19:04	ZZZZZZ	6830	45753	8052	2832
19:09	ZZZZZZ	6929	46181	8141	2924
19:14	ZZZZZZ	6791	45434	7958	2884
19:19	ZZZZZZ	7049	46954	8262	2999
19:24	ZZZZZZ	6983	46779	8113	2972
19:29	MP45701-MB1	7104	47820	8252	3079
19:35	MA21058-CCV9	6778	44887	8064	2647
19:39	MA21058-CCB9	7078	47139	8192	3087
19:45	MP45701-B1	6791	44589	8071	2708
19:50	FC24432-6F	6934	46447	8290	2896
19:55	MP45701-D1	6931	45960	8226	2902
20:00	MP45701-SD1	7101	47153	8241	3055
20:05	MP45701-PS1	6926	45633	8230	2816
20:10	MP45701-S1	6775	44405	8144	2643
20:15	MP45701-S2	6816	44608	8169	2669
20:20	ZZZZZZ	6929	46012	8181	2910
20:25	ZZZZZZ	6945	45966	8142	2930
20:30	ZZZZZZ	6957	45987	8113	2952
20:35	MA21058-CCV10	6890	45160	8078	2692
20:40	MA21058-CCB10	7149	47496	8187	3118
20:46	ZZZZZZ	6723	44042	8010	2687
20:51	ZZZZZZ	7010	46334	8190	2970
20:56	ZZZZZZ	6629	43338	7993	2651
21:01	ZZZZZZ	6531	42609	7814	2579
21:07	ZZZZZZ	6503	42199	7967	2531
21:12	ZZZZZZ	6494	41451	7872	2489
21:17	ZZZZZZ	6519	42862	7800	2570
21:22	ZZZZZZ	6494	42194	7709	2546

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
21:28	ZZZZZZ	6873	45127	7922	2858
21:33	ZZZZZZ	6951	45609	7859	2969
21:38	MA21058-CCV11	6808	44467	7904	2655
21:43	MA21058-CCB11	7048	46556	7861	3074
21:48	ZZZZZZ	6983	45800	7916	2971
21:53	ZZZZZZ	7002	46024	7957	2963
21:58	ZZZZZZ	6973	45818	7864	2983
22:04	ZZZZZZ	6939	45812	7919	2967
22:09	ZZZZZZ	5801	35542	7336	2049
22:14	ZZZZZZ	6066	38087	7450	2237
22:20	ZZZZZZ	5954	36623	7236	2145
22:25	ZZZZZZ	4920	29532	6556	1484 !a
22:30	ZZZZZZ	6024	37246	7144	2049
22:36	ZZZZZZ	6012	37329	7109	2033
22:41	MA21058-CCV12	6710	43928	7338	2630
22:46	MA21058-CCB12	6984	45947	7311	3050
22:51	ZZZZZZ	5794	35573	6882	1979
22:57	ZZZZZZ	6432	42619	7092	2561
23:02	MP45698-MB1	7026	47086	7253	3062
23:07	MP45698-B1	6680	44174	7062	2663
23:12	FC24423-14	6379	41965	7016	2410
23:18	MP45698-D1	6211	40570	6866	2327
23:23	MP45698-SD1	6774	44674	7170	2769
23:28	MP45698-PS1	6280	41232	6939	2357
23:34	MP45698-S1	6265	41103	6916	2339
23:39	MP45698-S2	6296	41599	6809	2384
23:44	MA21058-CCV13	6831	44796	7123	2665
23:49	MA21058-CCB13	7023	46589	7085	3064
23:54	ZZZZZZ	7730	49437	7797	2807
00:00	ZZZZZZ	7547	48320	7680	2845
00:05	ZZZZZZ	7374	47378	7444	2840
00:10	ZZZZZZ	7905	50881	8051	2768
00:15	ZZZZZZ	7561	48392	7738	2838

INTERNAL STANDARD SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
Analyst: LM Run ID: MA21058
Parameters: B,Li

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
00:20	ZZZZZZ	7430	48129	7537	2821
00:26	ZZZZZZ	7890	51265	8103	2770
00:31	ZZZZZZ	7579	47871	7611	2821
00:36	ZZZZZZ	7523	46526	7734	2733
00:41	ZZZZZZ	7775	48663	8063	2745
00:47	MA21058-CCV14	6756	44338	6943	2641
00:52	MA21058-CCB14	7041	46827	7011	3073
00:57	ZZZZZZ	7575	47173	7746	2763
01:02	ZZZZZZ	7521	46801	7732	2780
01:07	ZZZZZZ	7322	46085	7417	2781
01:13	ZZZZZZ	7695	48669	7830	2792
01:18	ZZZZZZ	7355	46527	7449	2798
01:23	ZZZZZZ	7399	46437	7499	2805
01:28	ZZZZZZ	7057	46333	7088	2834
01:33	ZZZZZZ	7446	48003	7711	2645
01:38	ZZZZZZ	7369	48113	7494	2754
01:43	MA21058-CCV15	6853	44808	6985	2674
01:48	MA21058-CCB15	7065	47070	7000	3087

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3600)	60-125 %
Istd#3	Yttrium (3710)	60-125 %
Istd#4	Indium	60-125 %

(a) No sample results reported from this internal standard.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: result < RL Run ID: MA21058 Units: ug/l

Time:			11:00		11:27		12:27		13:29	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	14	anr							
Antimony	20	1	anr							
Arsenic	10	1.3	anr							
Barium	200	.5	anr							
Beryllium	5.0	.1	anr							
Boron	100	5	1.70	<100	1.40	<100	2.00	<100	1.90	<100
Cadmium	4.0	.1	anr							
Calcium	5000	50	anr							
Chromium	10	.5	anr							
Cobalt	50	.2	anr							
Copper	25	1	anr							
Iron	300	15	anr							
Lead	20	1	anr							
Lithium	20	.5	-1.40	<20	-1.80	<20	-0.600	<20	-0.400	<20
Magnesium	5000	35	anr							
Manganese	15	.25	anr							
Molybdenum	50	.3	anr							
Nickel	40	.4	anr							
Potassium	10000	100								
Selenium	20	2	anr							
Silver	10	.5	anr							
Sodium	10000	250	anr							
Strontium	10	.25								
Thallium	10	1	anr							
Tin	50	.5								
Titanium	10	.5								
Vanadium	50	.5	anr							
Zinc	20	3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: result < RL Run ID: MA21058 Units: ug/l

Time:			14:30	
Sample ID:			CCB4	
Metal	RL	IDL	raw	final
Aluminum	200	14	anr	
Antimony	20	1	anr	
Arsenic	10	1.3	anr	
Barium	200	.5	anr	
Beryllium	5.0	.1	anr	
Boron	100	5	3.50	<100
Cadmium	4.0	.1	anr	
Calcium	5000	50	anr	
Chromium	10	.5	anr	
Cobalt	50	.2	anr	
Copper	25	1	anr	
Iron	300	15	anr	
Lead	20	1	anr	
Lithium	20	.5	-1.90	<20
Magnesium	5000	35	anr	
Manganese	15	.25	anr	
Molybdenum	50	.3	anr	
Nickel	40	.4	anr	
Potassium	10000	100		
Selenium	20	2	anr	
Silver	10	.5	anr	
Sodium	10000	250	anr	
Strontium	10	.25		
Thallium	10	1	anr	
Tin	50	.5		
Titanium	10	.5		
Vanadium	50	.5	anr	
Zinc	20	3	anr	

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA21058 Units: ug/l

Time:		10:49			11:19			12:22	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Boron	2000	2120	106.0	2000	1900	95.0	2000	1920	96.0
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Lithium	2000	2020	101.0	2000	1940	97.0	2000	1970	98.5
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium									
Selenium	anr								
Silver	anr								
Sodium	anr								
Strontium									
Thallium	anr								
Tin									
Titanium									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA21058 Units: ug/l

Time:		13:24			14:25	
Sample ID:	CCV	CCV3		CCV	CCV4	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Boron	2000	1930	96.5	2000	1900	95.0
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	anr					
Lithium	2000	1990	99.5	2000	1990	99.5
Magnesium	anr					
Manganese	anr					
Molybdenum	anr					
Nickel	anr					
Potassium						
Selenium	anr					
Silver	anr					
Sodium	anr					
Strontium						
Thallium	anr					
Tin						
Titanium						
Vanadium	anr					
Zinc	anr					

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA21058 Units: ug/l

Time:		10:38	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium	anr		
Boron	4000	3900	97.5
Cadmium	anr		
Calcium	anr		
Chromium	anr		
Cobalt	anr		
Copper	anr		
Iron	anr		
Lead	anr		
Lithium	4000	3950	98.8
Magnesium	anr		
Manganese	anr		
Molybdenum	anr		
Nickel	anr		
Potassium			
Selenium	anr		
Silver	anr		
Sodium	anr		
Strontium			
Thallium	anr		
Tin			
Titanium			
Vanadium	anr		
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA21058 Units: ug/l

Time:			10:27		10:33	
Sample ID:	CRI	CRIA	CRIA1		CRIA2	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	400	200	anr			
Antimony	10	5.0	anr			
Arsenic	20	10	anr			
Barium	400	200	anr			
Beryllium	10	5.0	anr			
Boron	100	50	56.1	112.2		
Cadmium	10	5.0	anr			
Calcium	2000	1000	anr			
Chromium	20	10	anr			
Cobalt	100	50	anr			
Copper	50	25	anr			
Iron	600	300	anr			
Lead	10	5.0	anr			
Lithium	18	9.0	8.40	93.3		
Magnesium	10000	5000	anr			
Manganese	30	15	anr			
Molybdenum	100	50	anr			
Nickel	80	40	anr			
Potassium	20000	10000				
Selenium	20	10	anr			
Silver	20	10	anr			
Sodium	20000	10000	anr			
Strontium	20	10				
Thallium	20	10				
Tin	100	50				
Titanium	20	10				
Vanadium	100	50	anr			
Zinc	40	20	anr			

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: SA050825M1.ICP Date Analyzed: 05/08/25 Methods: SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA21058 Units: ug/l

Time:			11:04		11:12	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	506000	101.2	501000	100.2
Antimony		1000	1.00		1020	102.0
Arsenic		1000	1.60		1000	100.0
Barium		500	0.400		479	95.8
Beryllium		500	0.00		486	97.2
Boron		1000	-0.800		926	92.6
Cadmium		1000	0.00		916	91.6
Calcium	500000	500000	468000	93.6	471000	94.2
Chromium		500	0.900		483	96.6
Cobalt		500	0.100		455	91.0
Copper		500	-1.10		534	106.8
Iron	500000	200000	462000	92.4	182000	91.0
Lead		1000	0.00		948	94.8
Lithium		1000	0.00		1020	102.0
Magnesium	500000	500000	518000	103.6	520000	104.0
Manganese		500	0.200		505	101.0
Molybdenum		1000	-0.500		915	91.5
Nickel		1000	0.200		866	86.6
Potassium			106		89.7	
Selenium		1000	0.00		939	93.9
Silver		1000	0.00		1020	102.0
Sodium			386		318	
Strontium		1000	0.600		1010	101.0
Thallium		1000	0.00		936	93.6
Tin		1000	0.200		925	92.5
Titanium		1000	0.200		1010	101.0
Vanadium		500	-0.100		509	101.8
Zinc		1000	1.20		886	88.6

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45670 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/01/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.50	.03	.03	-0.0060	<0.50

Associated samples MP45670: FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45670
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/01/25 05/01/25

Metal	FC24291-1 Original	DUP	RPD	QC Limits	FC24291-1 Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.054	200.0(a)	0-20	0.0	3.2	3	106.7	80-120

Associated samples MP45670: FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45670 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/01/25

Metal	FC24291-1 Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.1	3	103.3	3.2	20

Associated samples MP45670: FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45670
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/01/25

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	3.1	3	103.3	80-120

Associated samples MP45670: FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45670 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/01/25

Metal	FC24291-1 Original	SDL 1:5	%DIF	QC Limits
Mercury	0.00	0.00	NC	0-10

Associated samples MP45670: FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45671 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/01/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.50	.03	.03	-0.15	<0.50

Associated samples MP45671: FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45671
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/01/25 05/01/25

Metal	FC24306-11F Original	DUP	RPD	QC Limits	FC24306-11F Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0	3.1	3	103.3	80-120

Associated samples MP45671: FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45671 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/01/25

Metal	FC24306-11F Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.1	3	103.3	0.0	20

Associated samples MP45671: FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45671
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/01/25

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	3.0	3	100.0	80-120

Associated samples MP45671: FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45671
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/01/25

Metal	FC24306-11F Original	SDL 1:5	%DIF	QC Limits
Mercury	0.00	0.00	NC	0-10

Associated samples MP45671: FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/02/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	10	22		
Antimony	2.0	.2	.2	0.098	<2.0
Arsenic	2.0	.2	.21	0.041	<2.0
Barium	2.0	.2	.2		
Beryllium	2.0	.2	.2		
Cadmium	2.0	.2	.2	0.014	<2.0
Calcium	2000	10	360	-27	<2000
Chromium	2.0	.2	.2	-0.015	<2.0
Cobalt	2.0	.2	.2	-0.011	<2.0
Copper	10	.2	1	0.083	<10
Iron	200	10	23		
Lead	2.0	.2	.2	-0.037	<2.0
Magnesium	200	10	50	2.4	<200
Manganese	2.0	.2	.2		
Molybdenum	2.0	.2	.39		
Nickel	4.0	.2	.4	0.032	<4.0
Potassium	200	10	75		
Selenium	2.0	.2	.22	-0.039	<2.0
Silver	2.0	.2	.2	0.013	<2.0
Sodium	200	10	50		
Strontium	2.0	.2	.2		
Thallium	2.0	.2	.2	0.089	<2.0
Tin	2.0	.2	.2		
Titanium	4.0	.5	.88		
Vanadium	2.0	.2	.24		
Zinc	10	.5	1.7	1.4	<10

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date:		05/02/25						05/02/25	
Metal	FC24306-11F Original	DUP	RPD	QC Limits	FC24306-11F Original	MS	Spikelot MPICPMS1	% Rec	QC Limits
Aluminum									
Antimony	0.23	0.0	200.0(a)	0-20	0.23	202	200	100.9	80-120
Arsenic	0.50	0.51	2.0	0-20	0.50	199	200	99.3	80-120
Barium									
Beryllium									
Cadmium	0.0	0.0	NC	0-20	0.0	207	200	103.5	80-120
Calcium	28400	29400	3.5	0-20	28400	49400	20000	105.0	80-120
Chromium	0.0	0.0	NC	0-20	0.0	197	200	98.5	80-120
Cobalt	0.0	0.0	NC	0-20	0.0	213	200	106.5	80-120
Copper	0.98	1.0	2.0	0-20	0.98	208	200	103.5	80-120
Iron									
Lead	0.0	0.0	NC	0-20	0.0	209	200	104.5	80-120
Magnesium	10800	11200	3.6	0-20	10800	30600	20000	99.0	80-120
Manganese									
Molybdenum									
Nickel	0.98	1.0	2.0	0-20	0.98	195	200	97.0	80-120
Potassium									
Selenium	0.0	0.0	NC	0-20	0.0	186	200	93.0	80-120
Silver	0.0	0.0	NC	0-20	0.0	104	100	104.0	80-120
Sodium									
Strontium									
Thallium	1.3	0.39	107.7(a)	0-20	1.3	199	200	98.9	80-120
Tin									
Titanium									
Vanadium									
Zinc	5.3	5.4	1.9	0-20	5.3	205	200	99.9	80-120

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/02/25

Metal	FC24306-11F Original	MSD	Spikelot MPICPMS1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.23	209	200	104.4	3.4	20
Arsenic	0.50	207	200	103.3	3.9	20
Barium						
Beryllium						
Cadmium	0.0	215	200	107.5	3.8	20
Calcium	28400	47600	20000	96.0	3.7	20
Chromium	0.0	210	200	105.0	6.4	20
Cobalt	0.0	218	200	109.0	2.3	20
Copper	0.98	216	200	107.5	3.8	20
Iron						
Lead	0.0	218	200	109.0	4.2	20
Magnesium	10800	31100	20000	101.5	1.6	20
Manganese						
Molybdenum						
Nickel	0.98	202	200	100.5	3.5	20
Potassium						
Selenium	0.0	193	200	96.5	3.7	20
Silver	0.0	106	100	106.0	1.9	20
Sodium						
Strontium						
Thallium	1.3	208	200	103.4	4.4	20
Tin						
Titanium						
Vanadium						
Zinc	5.3	213	200	103.9	3.8	20

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/02/25

Metal	BSP Result	Spikelot MPICPMS1	% Rec	QC Limits
Aluminum				
Antimony	189	200	94.5	80-120
Arsenic	190	200	95.0	80-120
Barium				
Beryllium				
Cadmium	195	200	97.5	80-120
Calcium	18500	20000	92.5	80-120
Chromium	192	200	96.0	80-120
Cobalt	205	200	102.5	80-120
Copper	203	200	101.5	80-120
Iron				
Lead	199	200	99.5	80-120
Magnesium	19300	20000	96.5	80-120
Manganese				
Molybdenum				
Nickel	189	200	94.5	80-120
Potassium				
Selenium	181	200	90.5	80-120
Silver	98.6	100	98.6	80-120
Sodium				
Strontium				
Thallium	191	200	95.5	80-120
Tin				
Titanium				
Vanadium				
Zinc	193	200	96.5	80-120

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/02/25

Metal	FC24306-11F Original	SDL 2:10	%DIF	QC Limits
Aluminum				
Antimony	0.232	0.00	100.0(a)	0-10
Arsenic	0.501	0.00	100.0(a)	0-10
Barium				
Beryllium				
Cadmium	0.00	0.00	NC	0-10
Calcium	28400	28600	0.8	0-10
Chromium	0.00	0.00	NC	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	0.980	0.00	100.0(a)	0-10
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium	10800	10600	1.5	0-10
Manganese				
Molybdenum				
Nickel	0.984	0.00	100.0(a)	0-10
Potassium				
Selenium	0.00	0.00	NC	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	1.35	0.00	100.0(a)	0-10
Tin				
Titanium				
Vanadium				
Zinc	5.30	10.6	100.6(a)	0-10

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45675
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/02/25

Metal	Sample ml	Final ml	FC24306-11F Raw	FC24306-11F Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.8	10	.232	.22736	14.502	0.4	0.5	20	71.4*(a)	80-120
Arsenic	9.8	10	.501	.49098	20.015	0.4	0.5	20	97.6	80-120
Barium										
Beryllium										
Cadmium	9.8	10			20.528	0.4	0.5	20	102.6	80-120
Calcium	9.8	10	28415.48	27847.17	30717.81	0.4	50	2000	143.5*(a	80-120
Chromium	9.8	10			19.919	0.4	0.5	20	99.6	80-120
Cobalt	9.8	10			20.661	0.4	0.5	20	103.3	80-120
Copper	9.8	10	.98	.9604	21.585	0.4	0.5	20	103.1	80-120
Iron										
Lead	9.8	10			18.607	0.4	0.5	20	93.0	80-120
Magnesium	9.8	10	10807.62	10591.47	13243.86	0.4	50	2000	132.6*(a	80-120
Manganese										
Molybdenum										
Nickel	9.8	10	.984	.96432	20.937	0.4	0.5	20	99.9	80-120
Potassium										
Selenium	9.8	10			17.732	0.4	0.5	20	88.7	80-120
Silver	9.8	10			9.268	0.4	0.5	20	46.3*(a)	80-120
Sodium										
Strontium										
Thallium	9.8	10	1.346	1.31908	19.922	0.4	0.5	20	93.0	80-120
Tin										
Titanium										
Vanadium										
Zinc	9.8	10	5.303	5.19694	25.906	0.4	0.5	20	103.5	80-120

Associated samples MP45675: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested
(a) Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3		
Barium	200	.5	1		
Beryllium	4.0	.1	.2		
Boron	100	5	10	0.10	<100
Cadmium	5.0	.1	.2		
Calcium	1000	50	50		
Chromium	10	.5	1		
Cobalt	50	.2	.2		
Copper	25	1	1		
Iron	300	15	17		
Lead	5.0	1	1.1		
Lithium	10	.5	1.3	-1.2	<10
Magnesium	5000	35	35		
Manganese	15	.25	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	100	200		
Selenium	10	2	2.9		
Silver	10	.5	.7		
Sodium	10000	250	500		
Strontium	10	.25	.5		
Thallium	10	1	1.4		
Tin	50	.5	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:			05/02/25					05/02/25	
Metal	FC24306-11F Original	DUP	RPD	QC Limits	FC24306-11F Original	MS	Spikelot MPFLICP5	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	35.7	35.7	0.0	0-20	35.7	482	500	89.3	80-120
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium	4.5	2.9	43.2	0-	4.5	518	500	102.7	-
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/02/25

Metal	FC24306-11F Original	MSD	Spikelot MPFLICP5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron	35.7	494	500	91.7	2.5	20
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium	4.5	527	500	104.5	1.7	
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/25

Metal	BSP Result	Spikelot MPFLICP5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	461	500	92.2	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	521	500	104.2	-
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/25

Metal	FC24306-11F Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	35.7	27.8	22.1 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium	4.50	0.00	100.0(a)	0-
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45681
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/25

Metal	Sample ml	Final ml	FC24306-11F Raw	FC24306-11F Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Boron	9.8	10	35.7	34.986	127.3	0.2	5	100	92.3	80-120
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium	9.8	10	4.5	4.41	100.9	0.2	5	100	96.5	-
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP45681: FC24306-1, FC24306-15, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45683
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date:				05/03/25		05/03/25		05/03/25	
Metal	RL	IDL	MDL	MB raw	final	MB raw	final	MB raw	final
Mercury	0.50	.03	.03	-0.018	<0.50	0.0040	<0.50	0.0030	<0.50

Associated samples MP45683: FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45683
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/03/25 05/03/25

Metal	FC24306-17F Original	DUP	RPD	QC Limits	FC24306-17F Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0	3.0	3	100.0	80-120

Associated samples MP45683: FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45683 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/03/25

Metal	FC24306-17F Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.0	3	100.0	0.0	20

Associated samples MP45683: FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45683
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/03/25

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	3.1	3	103.3	80-120

Associated samples MP45683: FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45683 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/03/25

Metal	FC24306-17F Original	SDL 1:5	%DIF	QC Limits
Mercury	0.00	0.00	NC	0-10

Associated samples MP45683: FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/05/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3		
Barium	200	.5	1		
Beryllium	4.0	.1	.2		
Boron	100	5	10	-1.9	<100
Cadmium	5.0	.1	.2		
Calcium	1000	50	50		
Chromium	10	.5	1		
Cobalt	50	.2	.2		
Copper	25	1	1		
Iron	300	15	17		
Lead	5.0	1	1.1		
Lithium	10	.5	1.3	0.40	<10
Magnesium	5000	35	35		
Manganese	15	.25	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	100	200		
Selenium	10	2	2.9		
Silver	10	.5	.7		
Sodium	10000	250	500		
Strontium	10	.25	.5		
Thallium	10	1	1.4		
Tin	50	.5	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:			05/05/25					05/05/25	
Metal	FC24414-6 Original	DUP	RPD	QC Limits	FC24414-6 Original	MS	Spikelot MPFLICP5	% Rec	QC Limits
Aluminum	anr								
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Boron	124	122	1.6	0-20	124	548	500	84.8	80-120
Cadmium									
Calcium									
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Lithium	5.2	4.4	16.7	0-	5.2	476	500	94.2	-
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium									
Selenium									
Silver									
Sodium	anr								
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/05/25

Metal	FC24414-6 Original	MSD	Spikelot MPFLICP5	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony						
Arsenic	anr					
Barium						
Beryllium						
Boron	124	564	500	88.0	2.9	20
Cadmium						
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron	anr					
Lead	anr					
Lithium	5.2	488	500	96.6	2.5	
Magnesium						
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium						
Selenium						
Silver						
Sodium	anr					
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/05/25

Metal	BSP Result	Spikelot MPFLICP5	% Rec	QC Limits
Aluminum	anr			
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Boron	456	500	91.2	80-120
Cadmium				
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Lithium	493	500	98.6	-
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/05/25

Metal	FC24414-6 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Boron	124	114	7.9	0-10
Cadmium				
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron	anr			
Lead	anr			
Lithium	5.20	13.4	157.7(a)	0-
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium				
Selenium				
Silver				
Sodium	anr			
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45687
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/05/25

Metal	Sample ml	Final ml	FC24414-6 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Boron	9.8	10	124	121.52	211.3	0.2	5	100	89.8	80-120
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium	9.8	10	5.2	5.096	100.9	0.2	5	100	95.8	-
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP45687: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45689 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/06/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.50	.03	.03	-0.015	<0.50

Associated samples MP45689: FC24306-1, FC24306-15, FC24306-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45689
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/06/25 05/06/25

Metal	FC24420-6 Original	DUP	RPD	QC Limits	FC24420-6 Original	MS	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0	3.0	3	100.0	80-120

Associated samples MP45689: FC24306-1, FC24306-15, FC24306-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45689 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/06/25

Metal	FC24420-6 Original	MSD	Spikelot HGFLWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.0	3	100.0	0.0	20

Associated samples MP45689: FC24306-1, FC24306-15, FC24306-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45689
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/06/25

Metal	BSP Result	Spikelot HGFLWS1	% Rec	QC Limits
Mercury	3.0	3	100.0	80-120

Associated samples MP45689: FC24306-1, FC24306-15, FC24306-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45689
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/06/25

Metal	FC24420-6 Original	SDL 1:5	%DIF	QC Limits
Mercury	0.00	0.00	NC	0-10

Associated samples MP45689: FC24306-1, FC24306-15, FC24306-6F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/06/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	10	22		
Antimony	2.0	.2	.2	0.18	<2.0
Arsenic	2.0	.2	.21	0.074	<2.0
Barium	2.0	.2	.2		
Beryllium	2.0	.2	.2		
Cadmium	2.0	.2	.2	-0.039	<2.0
Calcium	2000	10	360	5.5	<2000
Chromium	2.0	.2	.2	0.088	<2.0
Cobalt	2.0	.2	.2	0.0080	<2.0
Copper	10	.2	1	0.63	<10
Iron	200	10	23		
Lead	2.0	.2	.2	-0.14	<2.0
Magnesium	200	10	50	3.8	<200
Manganese	2.0	.2	.2		
Molybdenum	2.0	.2	.39		
Nickel	4.0	.2	.4	-0.0060	<4.0
Potassium	200	10	75		
Selenium	2.0	.2	.22	0.13	<2.0
Silver	2.0	.2	.2	0.062	<2.0
Sodium	200	10	50		
Strontium	2.0	.2	.2		
Thallium	2.0	.2	.2	0.035	<2.0
Tin	2.0	.2	.2		
Titanium	4.0	.5	.88		
Vanadium	2.0	.2	.24		
Zinc	10	.5	1.7	0.67	<10

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date:		05/06/25					05/06/25	
Metal	FC24360-7 Original	DUP	RPD	QC Limits	FC24360-7 Original	MS	Spikelot MPICPMS1 % Rec	QC Limits
Aluminum								
Antimony	0.25	0.36	36.1 (a)	0-20	0.25	203	200	101.4	80-120
Arsenic	0.42	0.37	12.7	0-20	0.42	204	200	101.8	80-120
Barium	anr							
Beryllium								
Cadmium	0.0	0.0	NC	0-20	0.0	213	200	106.5	80-120
Calcium	104000	106000	1.9	0-20	104000	131000	20000	135.0(b)	80-120
Chromium	0.94	0.93	1.1	0-20	0.94	203	200	101.0	80-120
Cobalt	0.0	0.0	NC	0-20	0.0	208	200	104.0	80-120
Copper	0.44	0.45	2.2	0-20	0.44	207	200	103.3	80-120
Iron								
Lead	0.0	0.0	NC	0-20	0.0	221	200	110.5	80-120
Magnesium	8140	8380	2.9	0-20	8140	29200	20000	105.3	80-120
Manganese								
Molybdenum								
Nickel	0.0	0.0	NC	0-20	0.0	205	200	102.5	80-120
Potassium								
Selenium	0.28	0.24	15.4	0-20	0.28	186	200	92.9	80-120
Silver	0.0	0.0	NC	0-20	0.0	110	100	110.0	80-120
Sodium								
Strontium								
Thallium	1.2	0.38	103.8(a)	0-20	1.2	206	200	102.4	80-120
Tin								
Titanium								
Vanadium								
Zinc	4.5	4.9	8.5	0-20	4.5	206	200	100.8	80-120

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/06/25

Metal	FC24360-7 Original	MSD	Spikelot MPICPMS1	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.25	196	200	97.9	3.5	20
Arsenic	0.42	200	200	99.8	2.0	20
Barium	anr					
Beryllium						
Cadmium	0.0	206	200	103.0	3.3	20
Calcium	104000	127000	20000	115.0	3.1	20
Chromium	0.94	198	200	98.5	2.5	20
Cobalt	0.0	205	200	102.5	1.5	20
Copper	0.44	201	200	100.3	2.9	20
Iron						
Lead	0.0	213	200	106.5	3.7	20
Magnesium	8140	28400	20000	101.3	2.8	20
Manganese						
Molybdenum						
Nickel	0.0	200	200	100.0	2.5	20
Potassium						
Selenium	0.28	183	200	91.4	1.6	20
Silver	0.0	108	100	108.0	1.8	20
Sodium						
Strontium						
Thallium	1.2	204	200	101.4	1.0	20
Tin						
Titanium						
Vanadium						
Zinc	4.5	204	200	99.8	1.0	20

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/06/25

Metal	BSP Result	Spikelot MPICPMS1	% Rec	QC Limits
Aluminum				
Antimony	198	200	99.0	80-120
Arsenic	204	200	102.0	80-120
Barium	anr			
Beryllium				
Cadmium	210	200	105.0	80-120
Calcium	20200	20000	101.0	80-120
Chromium	202	200	101.0	80-120
Cobalt	213	200	106.5	80-120
Copper	214	200	107.0	80-120
Iron				
Lead	220	200	110.0	80-120
Magnesium	20500	20000	102.5	80-120
Manganese				
Molybdenum				
Nickel	212	200	106.0	80-120
Potassium				
Selenium	190	200	95.0	80-120
Silver	109	100	109.0	80-120
Sodium				
Strontium				
Thallium	204	200	102.0	80-120
Tin				
Titanium				
Vanadium				
Zinc	210	200	105.0	80-120

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/06/25

Metal	FC24360-7 Original	SDL 2:10	%DIF	QC Limits
Aluminum				
Antimony	0.245	0.00	100.0(a)	0-10
Arsenic	0.417	0.00	100.0(a)	0-10
Barium	anr			
Beryllium				
Cadmium	0.00	0.00	NC	0-10
Calcium	104000	107000	3.0	0-10
Chromium	0.937	0.00	100.0(a)	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	0.435	0.00	100.0(a)	0-10
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium	8140	7910	2.8	0-10
Manganese				
Molybdenum				
Nickel	0.00	0.00	NC	0-10
Potassium				
Selenium	0.283	0.00	100.0(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	1.23	0.00	100.0(a)	0-10
Tin				
Titanium				
Vanadium				
Zinc	4.53	12.0	164.3(a)	0-10

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

QC Batch ID: MP45693
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 05/06/25

Metal	Sample ml	Final ml	FC24360-7 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.8	10	.245	.2401	18.106	0.4	0.5	20	89.3	80-120
Arsenic	9.8	10	.417	.40866	19.584	0.4	0.5	20	95.9	80-120
Barium										
Beryllium										
Cadmium	9.8	10			19.777	0.4	0.5	20	98.9	80-120
Calcium	9.8	10	104087.1	102005.4	107678.9	0.4	50	2000	283.7*(a	80-120
Chromium	9.8	10	.937	.91826	20.382	0.4	0.5	20	97.3	80-120
Cobalt	9.8	10			18.997	0.4	0.5	20	95.0	80-120
Copper	9.8	10	.435	.4263	19.273	0.4	0.5	20	94.2	80-120
Iron										
Lead	9.8	10			18.535	0.4	0.5	20	92.7	80-120
Magnesium	9.8	10	8135.993	7973.273	10570.3	0.4	50	2000	129.9*(a	80-120
Manganese										
Molybdenum										
Nickel	9.8	10			19.909	0.4	0.5	20	99.5	80-120
Potassium										
Selenium	9.8	10	.283	.27734	17.606	0.4	0.5	20	86.6	80-120
Silver	9.8	10			14.036	0.4	0.5	20	70.2*(a)	80-120
Sodium										
Strontium										
Thallium	9.8	10	1.233	1.20834	17.856	0.4	0.5	20	83.2	80-120
Tin										
Titanium										
Vanadium										
Zinc	9.8	10	4.53	4.4394	24.374	0.4	0.5	20	99.7	80-120

Associated samples MP45693: FC24306-21F, FC24306-22F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested
(a) Spike recovery indicates matrix interference and/or outside control limits due to high level in sample relative to spike amount.

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP41385/GN456	0.020	0.0	mg/l	0.25	0.249	99.6	90-110%
Chromium, Hexavalent	GP41391/GN476	0.020	0.0	mg/l	0.25	0.251	100.4	90-110%

Associated Samples:
Batch GP41385: FC24306-1, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F
Batch GP41391: FC24306-15, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP41385/GN456	FC24306-11F	mg/l	0.0050 U	0.25	0.25	100.0	85-115%
Chromium, Hexavalent	GP41391/GN476	FC24306-16F	mg/l	0.0050 U	0.25	0.27	108.0	85-115%

Associated Samples:
Batch GP41385: FC24306-1, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F
Batch GP41391: FC24306-15, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chromium, Hexavalent	GP41385/GN456	FC24306-11F	mg/l	0.0050 U	0.25	0.25	0.0	20%
Chromium, Hexavalent	GP41391/GN476	FC24306-16F	mg/l	0.0050 U	0.25	0.27	0.0	20%

Associated Samples:
Batch GP41385: FC24306-1, FC24306-2F, FC24306-3F, FC24306-4F, FC24306-5F, FC24306-6F, FC24306-7F, FC24306-8F, FC24306-9F, FC24306-10F, FC24306-11F, FC24306-12F, FC24306-13F, FC24306-14F
Batch GP41391: FC24306-15, FC24306-16F, FC24306-17F, FC24306-18F, FC24306-19F, FC24306-20F, FC24306-21F, FC24306-22F
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: 52025050101.CSV Date Analyzed: 04/30/25 Methods: SW846 7199
Analyst: SS Run ID: GN456
Parameters: Chromium, Hexavalent

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:44	GN456-STD1	1		STDA
10:59	GN456-STD2	1		STDB
11:14	GN456-STD3	1		STDC
11:29	GN456-STD4	1		STDD
11:44	GN456-STD5	1		STDE
11:59	GN456-STD6	1		STDF
12:14	GN456-STD7	1		STDG
12:28	GN456-STD8	1		STDH
12:43	GN456-ICV1	1		
12:58	GN456-ICB1	1		
14:04	GN456-CRI1	1		
14:20	GN456-CCV1	1		
14:35	GN456-CCB1	1		
14:50	FC24306-10F	1		
15:20	FC24306-11F	1		
15:50	FC24306-12F	1		
16:19	FC24306-13F	1		
16:49	FC24306-14F	1		
17:19	FC24306-1	1		
17:48	FC24306-2F	1		
18:18	FC24306-3F	1		
18:48	FC24306-4F	1		
19:18	FC24306-5F	1		
19:47	GN456-CCV2	1		
20:02	GN456-CCB2	1		
20:17	FC24306-6F	1		
20:47	FC24306-7F	1		
21:16	FC24306-8F	1		
21:46	FC24306-9F	1		
22:16	GP41385-MB	1		
22:46	GP41385-B1	1		
23:15	GP41385-S1	1		
23:45	GP41385-S2	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: 52025050101.CSV Date Analyzed: 04/30/25 Methods: SW846 7199
Analyst: SS Run ID: GN456
Parameters: Chromium, Hexavalent

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:15	GN456-CCV3	1		
00:30	GN456-CCB3	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: 52025050101.CSV Date Analyzed: 04/30/25 Methods: SW846 7199
Run ID: GN456 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN456-ICV1	Chromium, Hexavalent	0.243	0.020	0.0050	.25	97.2	90-110
GN456-ICB1	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN456-CRI1	Chromium, Hexavalent	0.0210	0.020	0.0050	.02	105.0	50-150
GN456-CCV1	Chromium, Hexavalent	0.246	0.020	0.0050	.25	98.4	90-110
GN456-CCB1	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN456-CCV2	Chromium, Hexavalent	0.251	0.020	0.0050	.25	100.4	90-110
GN456-CCB2	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN456-CCV3	Chromium, Hexavalent	0.247	0.020	0.0050	.25	98.8	90-110
GN456-CCB3	Chromium, Hexavalent	0.0050 U	0.020	0.0050			

(!) Outside of QC limits

SGS Instrument Runlog
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: 52025050201.CSV Date Analyzed: 05/01/25 Methods: SW846 7199
Analyst: SS Run ID: GN476
Parameters: Chromium, Hexavalent

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:41	GN476-STD1	1		STDA
17:56	GN476-STD2	1		STDB
18:11	GN476-STD3	1		STDC
18:26	GN476-STD4	1		STDD
18:41	GN476-STD5	1		STDE
18:55	GN476-STD6	1		STDF
19:10	GN476-STD7	1		STDG
19:25	GN476-STD8	1		STDH
19:40	GN476-ICV1	1		
19:55	GN476-ICB1	1		
11:40	GN476-CCV1	1		
11:55	GN476-CCB1	1		
12:10	GN476-CRI1	1		
12:25	GN476-CCV2	1		
12:40	GN476-CCB2	1		
12:54	FC24306-15	1		
13:24	FC24306-16F	1		
13:54	FC24306-17F	1		
14:24	FC24306-18F	1		
14:53	FC24306-19F	1		
15:23	FC24306-20F	1		
15:53	FC24306-21F	1		
16:22	FC24306-22F	1		
16:52	GP41391-MB	1		
17:22	GP41391-B1	1		
17:52	GN476-CCV3	1		
18:06	GN476-CCB3	1		
18:21	GP41391-S1	1		
18:51	GP41391-S2	1		
19:21	GN476-CCV4	1		
19:36	GN476-CCB4	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: FC24306
Account: ESVAS - EnviroScience
Project: Possum Point; VA

File ID: 52025050201.CSV Date Analyzed: 05/01/25 Methods: SW846 7199
Run ID: GN476 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN476-ICV1	Chromium, Hexavalent	0.274	0.020	0.0050	.25	109.6	90-110
GN476-ICB1	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN476-CCV1	Chromium, Hexavalent	0.238	0.020	0.0050	.25	95.2	90-110
GN476-CCB1	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN476-CRI1	Chromium, Hexavalent	0.0210	0.020	0.0050	.02	105.0	50-150
GN476-CCV2	Chromium, Hexavalent	0.253	0.020	0.0050	.25	101.2	90-110
GN476-CCB2	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN476-CCV3	Chromium, Hexavalent	0.255	0.020	0.0050	.25	102.0	90-110
GN476-CCB3	Chromium, Hexavalent	0.0050 U	0.020	0.0050			
GN476-CCV4	Chromium, Hexavalent	0.257	0.020	0.0050	.25	102.8	90-110
GN476-CCB4	Chromium, Hexavalent	0.0050 U	0.020	0.0050			

(!) Outside of QC limits

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 17, 2025

Kelly Hicks
Dominion Energy Services, Inc.
120 Tredegar Street
Richmond, VA 23219

RE: Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Dear Kelly Hicks:

Enclosed are the analytical results for sample(s) received by the laboratory on May 30, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephanie Knott

Stephanie Knott
stephanie.knott@pacelabs.com
704-977-0981
Project Manager

Enclosures

cc: Davis Czayka, EnviroScience
ENV STD DM
Cory Fox, EnviroScience
Rashida Marlowe, Dominion Energy Services, Inc.
Environmental Standards, Inc., Environmental Standards, Inc.

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92799448001	**FB-03-25-Q2**	Water	05/29/25 13:40	05/30/25 09:30
92799448002	**EB-03-25-Q2**	Water	05/29/25 13:51	05/30/25 09:30
92799448003	**PP-01-25-Q2**	Water	05/29/25 13:57	05/30/25 09:30
92799448004	**QC-02-25-Q2**	Water	05/29/25 14:16	05/30/25 09:30
92799448005	**QC-01-25-Q2**	Water	05/29/25 14:31	05/30/25 09:30

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92799448001	**FB-03-25-Q2**	EPA 7199	VJM	1	PASI-C
		EPA 6020B	LD	1	PAN
		Trivalent Chromium Calculation	EWS	1	PASI-A
92799448002	**EB-03-25-Q2**	EPA 7199	VJM	1	PASI-C
		EPA 6020B	JPD	1	PAN
		Trivalent Chromium Calculation	EWS	1	PASI-A
92799448003	**PP-01-25-Q2**	EPA 7199	VJM	1	PASI-C
		EPA 6020B	SJM	1	PAN
		Trivalent Chromium Calculation	EWS	1	PASI-A
92799448004	**QC-02-25-Q2**	EPA 7199	VJM	1	PASI-C
		EPA 6020B	SJM	1	PAN
		Trivalent Chromium Calculation	EWS	1	PASI-A
92799448005	**QC-01-25-Q2**	EPA 7199	VJM	1	PASI-C
		EPA 6020B	JPD	1	PAN
		Trivalent Chromium Calculation	EWS	1	PASI-A

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92799448003	**PP-01-25-Q2**					
EPA 7199	Chromium, Hexavalent	0.011J	ug/L	0.025	05/30/25 12:23	M1
92799448005	**QC-01-25-Q2**					
EPA 7199	Chromium, Hexavalent	0.015J	ug/L	0.025	05/30/25 11:42	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Method: **EPA 7199**
Description: 7199 Chromium, Hexavalent
Client: Dominion Energy_VA
Date: June 17, 2025

General Information:
5 samples were analyzed for EPA 7199 by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 938733

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92799448003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 4824377)
  - Chromium, Hexavalent

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Method: **EPA 6020B**
Description: Metals (ICPMS) 6020B
Client: Dominion Energy_VA
Date: June 17, 2025

General Information:
1 sample was analyzed for EPA 6020B by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Method: **EPA 6020B**
Description: Metals (ICPMS) 6020B, Diss.
Client: Dominion Energy_VA
Date: June 17, 2025

General Information:
4 samples were analyzed for EPA 6020B by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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(704)875-9092

PROJECT NARRATIVE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Method: **Trivalent Chromium Calculation**
Description: Trivalent Chromium Calculation
Client: Dominion Energy_VA
Date: June 17, 2025

General Information:
1 sample was analyzed for Trivalent Chromium Calculation by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Method: **Trivalent Chromium Calculation**
Description: Trivalent Chromium Cal, Diss
Client: Dominion Energy_VA
Date: June 17, 2025

General Information:
4 samples were analyzed for Trivalent Chromium Calculation by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Sample: FB-03-25-Q2 **Lab ID: 92799448001** Collected: 05/29/25 13:40 Received: 05/30/25 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7199 Chromium, Hexavalent	Analytical Method: EPA 7199 Pace Analytical Services - Charlotte								
Chromium, Hexavalent	ND	ug/L	0.025	0.0043	1		05/30/25 10:28	18540-29-9	
Metals (ICPMS) 6020B	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Chromium	ND	ug/L	2.00	0.900	1	06/07/25 21:48	06/09/25 22:35	7440-47-3	
Trivalent Chromium Calculation	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Asheville								
Chromium, Trivalent	ND	ug/L	10.0	10.0	1		06/17/25 13:59	16065-83-1	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Sample: EB-03-25-Q2 **Lab ID: 92799448002** Collected: 05/29/25 13:51 Received: 05/30/25 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7199 Chromium, Hexavalent	Analytical Method: EPA 7199 Pace Analytical Services - Charlotte								
Chromium, Hexavalent	ND	ug/L	0.025	0.0043	1		05/30/25 10:49	18540-29-9	
Metals (ICPMS) 6020B, Diss.	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Chromium, Dissolved	ND	ug/L	2.00	0.900	1	06/08/25 10:28	06/14/25 14:50	7440-47-3	
Trivalent Chromium Cal, Diss	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Asheville								
Chromium, Trivalent, Dissolved	ND	ug/L	10.0	10.0	1		06/17/25 13:26	16065-83-1	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Sample: PP-01-25-Q2 **Lab ID: 92799448003** Collected: 05/29/25 13:57 Received: 05/30/25 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7199 Chromium, Hexavalent	Analytical Method: EPA 7199 Pace Analytical Services - Charlotte								
Chromium, Hexavalent	**0.011J**	ug/L	0.025	0.0043	1		05/30/25 12:23	18540-29-9	M1
Metals (ICPMS) 6020B, Diss.	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Chromium, Dissolved	ND	ug/L	2.00	0.900	1	06/08/25 10:28	06/14/25 15:50	7440-47-3	
Trivalent Chromium Cal, Diss	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Asheville								
Chromium, Trivalent, Dissolved	ND	ug/L	10.0	10.0	1		06/17/25 13:26	16065-83-1	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Sample: QC-02-25-Q2 **Lab ID: 92799448004** Collected: 05/29/25 14:16 Received: 05/30/25 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7199 Chromium, Hexavalent	Analytical Method: EPA 7199 Pace Analytical Services - Charlotte								
Chromium, Hexavalent	ND	ug/L	0.025	0.0043	1		05/30/25 13:16	18540-29-9	
Metals (ICPMS) 6020B, Diss.	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Chromium, Dissolved	ND	ug/L	2.00	0.900	1	06/08/25 10:28	06/14/25 15:53	7440-47-3	
Trivalent Chromium Cal, Diss	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Asheville								
Chromium, Trivalent, Dissolved	ND	ug/L	10.0	10.0	1		06/17/25 13:26	16065-83-1	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Sample: QC-01-25-Q2 **Lab ID: 92799448005** Collected: 05/29/25 14:31 Received: 05/30/25 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7199 Chromium, Hexavalent	Analytical Method: EPA 7199 Pace Analytical Services - Charlotte								
Chromium, Hexavalent	**0.015J**	ug/L	0.025	0.0043	1		05/30/25 11:42	18540-29-9	
Metals (ICPMS) 6020B, Diss.	Analytical Method: EPA 6020B Preparation Method: 3015 Pace National - Mt. Juliet								
Chromium, Dissolved	ND	ug/L	2.00	0.900	1	06/08/25 10:28	06/14/25 14:19	7440-47-3	
Trivalent Chromium Cal, Diss	Analytical Method: Trivalent Chromium Calculation Pace Analytical Services - Asheville								
Chromium, Trivalent, Dissolved	ND	ug/L	10.0	10.0	1		06/17/25 13:26	16065-83-1	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

QC Batch: 938733
QC Batch Method: EPA 7199
Analysis Method: EPA 7199
Analysis Description: 7199 Chromium, Hexavalent
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92799448001, 92799448002, 92799448003, 92799448004, 92799448005

METHOD BLANK: 4824375 Matrix: Water
Associated Lab Samples: 92799448001, 92799448002, 92799448003, 92799448004, 92799448005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium, Hexavalent	ug/L	ND	0.025	0.0043	05/30/25 11:47	

LABORATORY CONTROL SAMPLE: 4824376

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	0.1	0.096	96	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4824377 4824378

Parameter	Units	92799448003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	0.011J	0.1	0.1	0.12	0.12	111	109	90-110	2	20	M1

SAMPLE DUPLICATE: 4824379

Parameter	Units	92799448004 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	ug/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

QC Batch: 2530726
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples:

METHOD BLANK: R4230411-2 Matrix: Water
Associated Lab Samples: 92799448002, 92799448003, 92799448004, 92799448005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium	ug/L	ND	2.00	0.900	06/14/25 14:44	

LABORATORY CONTROL SAMPLE: R4230411-3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	50.0	52.2	104	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4230411-5 R4230411-6

Parameter	Units	92799448002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	ND	50.0	50.0	52.5	52.1	105	104	75.0-125	0.787	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

QC Batch: 2530797
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92799448001

METHOD BLANK: R4227845-1 Matrix: Water
Associated Lab Samples: 92799448001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium	ug/L	ND	2.00	0.900	06/09/25 21:25	

LABORATORY CONTROL SAMPLE: R4227845-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	50.0	50.1	100	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4227845-4 R4227845-5

Parameter	Units	L1864751-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium	ug/L	3.05	50.0	50.0	53.9	53.1	102	100	75.0-125	1.46	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PPPS Surface Water 2025Q2
Pace Project No.: 92799448

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92799448001	**FB-03-25-Q2**	EPA 7199	938733		
92799448002	**EB-03-25-Q2**	EPA 7199	938733		
92799448003	**PP-01-25-Q2**	EPA 7199	938733		
92799448004	**QC-02-25-Q2**	EPA 7199	938733		
92799448005	**QC-01-25-Q2**	EPA 7199	938733		
92799448001	**FB-03-25-Q2**	3015	2530797	EPA 6020B	2530797
92799448002	**EB-03-25-Q2**	3015	2530726	EPA 6020B	2530726
92799448003	**PP-01-25-Q2**	3015	2530726	EPA 6020B	2530726
92799448004	**QC-02-25-Q2**	3015	2530726	EPA 6020B	2530726
92799448005	**QC-01-25-Q2**	3015	2530726	EPA 6020B	2530726
92799448001	**FB-03-25-Q2**	Trivalent Chromium Calculation	942416		
92799448002	**EB-03-25-Q2**	Trivalent Chromium Calculation	942411		
92799448003	**PP-01-25-Q2**	Trivalent Chromium Calculation	942411		
92799448004	**QC-02-25-Q2**	Trivalent Chromium Calculation	942411		
92799448005	**QC-01-25-Q2**	Trivalent Chromium Calculation	942411		

Pace ANALYTICAL SERVICES

Receipt

Effective Date: 5/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Dominion Energy VA

Project #: WO# : 92799448

92799448

Courier: ☐ Commercial ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ Other:____

Carrier Tracking Number: _____

Custody Seal Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No **Date/Initials Person Examining Contents:** NA 5/30/25

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 92to78 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 1.1 **Correction Factor:** Add / Subtract (°C) 0

Corrected Cooler Temp (°C): 1.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling proce has begun

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: ws	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

Temp Log: Temp must be maintained at <6 C during login, record temp every 20 minutes.
Time opened: 1015 Temp: 1.1
Time: put in cooler
Time: Temp:

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace

Receipt

Effective Date: 5/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92799448

PM: SK Due Date: 06/13/25

CLIENT: 92-DomEnergy

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	B3F	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1	\				\	\	\	\			\		\	\	\						1				1	X			
2	\				\	\	\	\			\		\	\	\						1				1	X			
3	\				\	\	\	\			\		\	\	\						1				1	X			
4	\				\	\	\	\			\		\	\	\						1				1	X			
5	\				\	\	\	\			\		\	\	\						1				1	X			
6	\				\	\	\	\			\		\	\	\											\			
7	\				\	\	\	\			\		\	\	\											\			
8	\				\	\	\	\			\		\	\	\											\			
9	\				\	\	\	\			\		\	\	\											\			
10	\				\	\	\	\			\		\	\	\											\			
11	\				\	\	\	\			\		\	\	\											\			
12	\				\	\	\	\			\		\	\	\											\			

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers)

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Dominion Energy_VA	Contact/Report To:	Kelly Hicks
Street Address:	120 Tredegar Street Richmond, VA 23219	Phone #:	(804)273-4903
		E-Mail:	kelly.a.hicks@dominionenergy.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	PPPS Surface Water 2025Q2	Invoice To:	Kelly Hicks
		Invoice E-Mail:	kelly.a.hicks@dominionenergy.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	50149081
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET

County / State origin of sample(s): Virginia

Data Deliverables: [✓] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: NORMAL BUSINESS TA

Field Filtered (if applicable): [✓] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	7199 Chromium, Hexavalent	Dissolved 6020 - Chromium Only	Total 6020 - Chromium Only	Trivalent Chromium Cal. Diss	Trivalent Chromium Calculation
							Specify Container Size **			10	3	3	3	3
							Identify Container Preservative Type***			1	2	2	2	2
FB-03-25-Q2	WT	G	N/A	N/A	5/29/2025	1340	2			X		X		X
EB-03-25-Q2	WT					1351				X	X		X	
PP-01-25-Q2	SW					1357								
QC-02-25-Q2						1416								
QC-01-25-Q2	↓	↓	↓	↓	↓	1431	↓			↓	↓		↓	
~~Field Blank~~	WW									⊗		⊗		⊗

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Stephanie Knott**

AcctNum / Client ID:

Table #:

Profile / Template: **15242**

Prelog / Bottle Ord. ID: **EZ 3264631**

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
6020 PN - Chromium Only
All Dissolved samples have been field filtered.

Collected By:
(Printed Name) CORY FOX
Signature:

Customer Remarks / Special Conditions / Possible Hazards:
ALL SAMPLES FIELD FILTERED EXCEPT FB-03-25-Q2

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1					

	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature) ENVIROSCIENCE, INC	5/29/2025 1800	FEDEX	5/29/2025 1800	881620864305
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Pace HUL	Date/Time: 5/30/25 0930	Delivered by: [ ] In- Person [ ] Courier [✓] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

EPA method 7199 - Hexavalent Chromium pH Adjustment

HBN	938733
Analyst Initials	VJM
pH Meter	92pH6

Batch # G7164
WO#92799448

Lab Sample ID	Volume of Adjusted Sample (mL)	Initial pH	5/30/25 Date/Time Adjusted	Final pH	Volume of Adjustment Buffer (mL)	Volume of NaOH (mL)	Adjustment Buffer Standard ID	NaOH Standard ID	Comments
99448001	25mL	8.8	5/30/25 10:27	9.2	.010mL		325873		
99448002	"	8.7	10:28	9.2	.010mL		"		
99448003	"	7.7	10:30	9.2	.020mL		"		
99448004	"	7.3	10:30	9.2	.020mL		"		
99448005	"	7.2	10:31	9.2	.020mL		"		

Appendix C

Data Validation Summaries

ENVIRONMENTAL® STANDARDS
Montrose Environmental Group

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the samples collected as part of:

Possum Point Surface Water Sampling
Samples Collected between: 4/29/2025 and 4/30/2025

This review was performed with guidance from the associated US EPA data validation guidelines and in accordance with the Quality Assurance Program Plan. These validation guidance documents specifically address analyses performed in accordance with the Contract Laboratory Program (CLP) analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA, SW-846, and Standard Methods utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA, SW-846, and Standard Methods utilized by the laboratory. This QA review was performed on the data associated with Job Number:

FC24306

The findings offered in this report are based on a review of holding times and preservation, method blank results, field blank results, filter blank results, equipment blank results, tubing blank results, matrix spike/matrix spike duplicate recoveries and precision, laboratory control sample/laboratory control sample duplicate recoveries and precision, laboratory and field duplicate precision, total and dissolved results comparisons, and/or positive results between the method detection limit and quantitation limit.

The following results were qualified based on the data verification effort:

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Uncertainty	Unit
FB-01-25-Q2	Field Blank	FB	SW-846 6020B	Thallium	T	0.66	J	RL	0.20	2.0		ug/L
FB-01-25-Q2	Field Blank	FB	SW-846 6020B	Zinc	T	4.9	J	RL	1.7	10		ug/L
FB-01-25-Q2	Field Blank	FB	SW-846 7196A	Chromium, Trivalent	T		UJ	H	0.0067	0.022		mg/L
FB-01-25-Q2	Field Blank	FB	SW-846 7199	Chromium, Hexavalent	T		UJ	H	0.0065	0.020		mg/L
PP-08-25-Q2	PP-08	N	SW-846 6010D	Boron	D	36.6	J	RL	10	100		ug/L
PP-08-25-Q2	PP-08	N	SW-846 6010D	Lithium	D	3.5	J	RL	1.3	10		ug/L
PP-08-25-Q2	PP-08	N	SW-846 6020B	Arsenic	D	0.50	J	RL	0.21	2.0		ug/L
PP-08-25-Q2	PP-08	N	SW-846 6020B	Nickel	D	0.98	J	RL	0.40	4.0		ug/L
PP-08-25-Q2	PP-08	N	SW-846 6020B	Zinc	D		U	BE,BF	6.6	10		ug/L
PP-08-25-Q2	PP-08	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6010D	Boron	D	35.7	J	RL	10	100		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6010D	Lithium	D	4.5	J	RL	1.3	10		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6020B	Antimony	D	0.23	J	RL	0.20	2.0		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6020B	Arsenic	D	0.50	J	RL	0.21	2.0		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6020B	Nickel	D	0.98	J	RL	0.40	4.0		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6020B	Thallium	D		U	BE,BF	1.3	2.0		ug/L
PP-07-25-Q2	PP-07	N	SW-846 6020B	Zinc	D		U	BE,BF	5.3	10		ug/L
PP-07-25-Q2	PP-07	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6010D	Boron	D	38.3	J	RL	10	100		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6010D	Lithium	D	4.5	J	RL	1.3	10		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6020B	Arsenic	D	0.50	J	RL	0.21	2.0		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6020B	Cobalt	D	0.25	J	RL	0.20	2.0		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6020B	Nickel	D	1.3	J	RL	0.40	4.0		ug/L
PP-06-25-Q2	PP-06	N	SW-846 6020B	Zinc	D		U	BE,BF	7.1	10		ug/L
PP-06-25-Q2	PP-06	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6010D	Boron	D	72.8	J	RL	10	100		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6010D	Lithium	D	2.7	J	RL	1.3	10		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6020B	Antimony	D	0.26	J	RL	0.20	2.0		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6020B	Arsenic	D	0.61	J	RL	0.21	2.0		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6020B	Copper	D	1.8	J	RL	1.0	10		ug/L

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Uncertainty	Unit
PP-05-25-Q2	PP-05	N	SW-846 6020B	Nickel	D	1.4	J	RL	0.40	4.0		ug/L
PP-05-25-Q2	PP-05	N	SW-846 6020B	Zinc	D		U	BE,BF	7.2	10		ug/L
PP-05-25-Q2	PP-05	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6010D	Boron	D	46.9	J	RL	10	100		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6010D	Lithium	D	4.3	J	RL	1.3	10		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6020B	Antimony	D	0.20	J	RL	0.20	2.0		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6020B	Arsenic	D	0.49	J	RL	0.21	2.0		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6020B	Nickel	D	2.3	J	RL	0.40	4.0		ug/L
PP-04-25-Q2	PP-04	N	SW-846 6020B	Zinc	D		U	BE,BF	5.9	10		ug/L
PP-04-25-Q2	PP-04	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
FB-02-25-Q2	Field Blank	FB	SW-846 6020B	Zinc	T	5.9	J	RL	1.7	10		ug/L
FB-02-25-Q2	Field Blank	FB	SW-846 7196A	Chromium, Trivalent	T		UJ	H	0.0067	0.022		mg/L
FB-02-25-Q2	Field Blank	FB	SW-846 7199	Chromium, Hexavalent	T		UJ	H	0.0065	0.020		mg/L
EB-02-25-Q2	Equipment Blank	EB	SW-846 6020B	Zinc	D	5.3	J	RL	1.7	10		ug/L
EB-02-25-Q2	Equipment Blank	EB	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
EB-02-25-Q2	Equipment Blank	EB	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-03-25-Q2	PP-03	N	SW-846 6010D	Boron	D	33.6	J	RL	10	100		ug/L
PP-03-25-Q2	PP-03	N	SW-846 6010D	Lithium	D	2.9	J	RL	1.3	10		ug/L
PP-03-25-Q2	PP-03	N	SW-846 6020B	Arsenic	D	0.47	J	RL	0.21	2.0		ug/L
PP-03-25-Q2	PP-03	N	SW-846 6020B	Nickel	D	1.1	J	RL	0.40	4.0		ug/L
PP-03-25-Q2	PP-03	N	SW-846 6020B	Zinc	D		U	BE,BF	5.7	10		ug/L
PP-03-25-Q2	PP-03	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-03-25-Q2	PP-03	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 6010D	Boron	D	35.3	J	RL	10	100		ug/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 6010D	Lithium	D	1.7	J	RL	1.3	10		ug/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 6020B	Arsenic	D	0.46	J	RL	0.21	2.0		ug/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 6020B	Nickel	D	1.0	J	RL	0.40	4.0		ug/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 6020B	Zinc	D		U	BE,BF	5.7	10		ug/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-03-25-Q2-FD	PP-03	FD	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-02-25-Q2	PP-02	N	SW-846 6010D	Boron	D	36.4	J	RL	10	100		ug/L
PP-02-25-Q2	PP-02	N	SW-846 6010D	Lithium	D	3.3	J	RL	1.3	10		ug/L
PP-02-25-Q2	PP-02	N	SW-846 6020B	Arsenic	D	0.62	J	RL	0.21	2.0		ug/L
PP-02-25-Q2	PP-02	N	SW-846 6020B	Cobalt	D	0.20	J	RL	0.20	2.0		ug/L
PP-02-25-Q2	PP-02	N	SW-846 6020B	Nickel	D	1.2	J	RL	0.40	4.0		ug/L
PP-02-25-Q2	PP-02	N	SW-846 6020B	Zinc	D		U	BE,BF	5.5	10		ug/L
PP-02-25-Q2	PP-02	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-02-25-Q2	PP-02	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-01-25-Q2	PP-01	N	SW-846 6010D	Boron	D	35.1	J	RL	10	100		ug/L
PP-01-25-Q2	PP-01	N	SW-846 6010D	Lithium	D	1.8	J	RL	1.3	10		ug/L
PP-01-25-Q2	PP-01	N	SW-846 6020B	Arsenic	D	0.82	J	RL	0.21	2.0		ug/L
PP-01-25-Q2	PP-01	N	SW-846 6020B	Cobalt	D	0.29	J	RL	0.20	2.0		ug/L
PP-01-25-Q2	PP-01	N	SW-846 6020B	Nickel	D	1.4	J	RL	0.40	4.0		ug/L
PP-01-25-Q2	PP-01	N	SW-846 6020B	Zinc	D		U	BE,BF	6.1	10		ug/L
PP-01-25-Q2	PP-01	N	SW-846 7196A	Chromium, Trivalent	D		R	H	0.0067	0.022		mg/L
PP-01-25-Q2	PP-01	N	SW-846 7199	Chromium, Hexavalent	D		R	H	0.0065	0.020		mg/L
QC-02-25-Q2	QC-02	N	SW-846 6010D	Boron	D	22.1	J	RL	10	100		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6010D	Lithium	D	5.5	J	RL	1.3	10		ug/L

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Uncertainty	Unit
QC-02-25-Q2	QC-02	N	SW-846 6020B	Arsenic	D	0.63	J	RL	0.21	2.0		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6020B	Chromium	D	0.24	J	RL	0.20	2.0		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6020B	Cobalt	D	0.27	J	RL	0.20	2.0		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6020B	Copper	D	1.2	J	RL	1.0	10		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6020B	Nickel	D	1.0	J	RL	0.40	4.0		ug/L
QC-02-25-Q2	QC-02	N	SW-846 6020B	Zinc	D		U	BE,BF	6.0	10		ug/L
QC-02-25-Q2	QC-02	N	SW-846 7196A	Chromium, Trivalent	D		R	H	0.0067	0.022		mg/L
QC-02-25-Q2	QC-02	N	SW-846 7199	Chromium, Hexavalent	D		R	H	0.0065	0.020		mg/L
QC-01-25-Q2	QC-01	N	SW-846 6010D	Boron	D	22.3	J	RL	10	100		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6010D	Lithium	D	5.6	J	RL	1.3	10		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Arsenic	D	0.69	J	RL	0.21	2.0		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Chromium	D	0.26	J	RL	0.20	2.0		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Cobalt	D	0.36	J	RL	0.20	2.0		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Copper	D	1.4	J	RL	1.0	10		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Nickel	D	1.2	J	RL	0.40	4.0		ug/L
QC-01-25-Q2	QC-01	N	SW-846 6020B	Zinc	D		U	BE,BF	7.7	10		ug/L
QC-01-25-Q2	QC-01	N	SW-846 7196A	Chromium, Trivalent	D		R	H	0.0067	0.022		mg/L
QC-01-25-Q2	QC-01	N	SW-846 7199	Chromium, Hexavalent	D		R	H	0.0065	0.020		mg/L
EB-01-25-Q2	Equipment Blank	EB	SW-846 6020B	Thallium	D	0.37	J	RL	0.20	2.0		ug/L
EB-01-25-Q2	Equipment Blank	EB	SW-846 6020B	Zinc	D	6.2	J	RL	1.7	10		ug/L
EB-01-25-Q2	Equipment Blank	EB	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
EB-01-25-Q2	Equipment Blank	EB	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-11-25-Q2	PP-11	N	SW-846 6010D	Boron	D	34.3	J	RL	10	100		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6010D	Lithium	D	2.1	J	RL	1.3	10		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6020B	Arsenic	D	0.45	J	RL	0.21	2.0		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6020B	Copper	D	1.5	J	RL	1.0	10		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6020B	Nickel	D	0.94	J	RL	0.40	4.0		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6020B	Thallium	D		U	BE,BF	0.24	2.0		ug/L
PP-11-25-Q2	PP-11	N	SW-846 6020B	Zinc	D		U	BE,BF	6.2	10		ug/L
PP-11-25-Q2	PP-11	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-11-25-Q2	PP-11	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-12-25-Q2	PP-12	N	SW-846 6010D	Boron	D	29.7	J	RL	10	100		ug/L
PP-12-25-Q2	PP-12	N	SW-846 6010D	Lithium	D	3.2	J	RL	1.3	10		ug/L
PP-12-25-Q2	PP-12	N	SW-846 6020B	Arsenic	D	0.46	J	RL	0.21	2.0		ug/L
PP-12-25-Q2	PP-12	N	SW-846 6020B	Copper	D	1.2	J	RL	1.0	10		ug/L
PP-12-25-Q2	PP-12	N	SW-846 6020B	Nickel	D	0.98	J	RL	0.40	4.0		ug/L
PP-12-25-Q2	PP-12	N	SW-846 6020B	Zinc	D		U	BE,BF	5.9	10		ug/L
PP-12-25-Q2	PP-12	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-12-25-Q2	PP-12	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6010D	Boron	D	29.5	J	RL	10	100		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6010D	Lithium	D	2.6	J	RL	1.3	10		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6020B	Arsenic	D	0.48	J	RL	0.21	2.0		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6020B	Cobalt	D	0.20	J	RL	0.20	2.0		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6020B	Copper	D	1.2	J	RL	1.0	10		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6020B	Nickel	D	1.0	J	RL	0.40	4.0		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 6020B	Zinc	D		U	BE,BF	6.8	10		ug/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-12-25-Q2-FD	PP-12	FD	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Uncertainty	Unit
PR-01-25-Q2	PR-01	N	SW-846 6010D	Boron	D	27.7	J	RL	10	100		ug/L
PR-01-25-Q2	PR-01	N	SW-846 6010D	Lithium	D	3.8	J	RL	1.3	10		ug/L
PR-01-25-Q2	PR-01	N	SW-846 6020B	Arsenic	D	0.47	J	RL	0.21	2.0		ug/L
PR-01-25-Q2	PR-01	N	SW-846 6020B	Copper	D	1.0	J	RL	1.0	10		ug/L
PR-01-25-Q2	PR-01	N	SW-846 6020B	Nickel	D	0.97	J	RL	0.40	4.0		ug/L
PR-01-25-Q2	PR-01	N	SW-846 6020B	Zinc	D		U	BE,BF	6.3	10		ug/L
PR-01-25-Q2	PR-01	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PR-01-25-Q2	PR-01	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PR-02-25-Q2	PR-02	N	SW-846 6010D	Boron	D	35.8	J	RL	10	100		ug/L
PR-02-25-Q2	PR-02	N	SW-846 6010D	Lithium	D	2.5	J	RL	1.3	10		ug/L
PR-02-25-Q2	PR-02	N	SW-846 6020B	Arsenic	D	0.44	J	RL	0.21	2.0		ug/L
PR-02-25-Q2	PR-02	N	SW-846 6020B	Nickel	D	0.86	J	RL	0.40	4.0		ug/L
PR-02-25-Q2	PR-02	N	SW-846 6020B	Zinc	D		U	BE,BF	5.9	10		ug/L
PR-02-25-Q2	PR-02	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PR-02-25-Q2	PR-02	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PR-02-25-Q2	PR-02	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6010D	Boron	D	34.7	J	RL	10	100		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6010D	Lithium	D	3.6	J	RL	1.3	10		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6020B	Arsenic	D	0.47	J	RL	0.21	2.0		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6020B	Cobalt	D	0.22	J	RL	0.20	2.0		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6020B	Copper	D	1.1	J	RL	1.0	10		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6020B	Nickel	D	1.0	J	RL	0.40	4.0		ug/L
PP-10-25-Q2	PP-10	N	SW-846 6020B	Zinc	D		U	BE,BF	6.2	10		ug/L
PP-10-25-Q2	PP-10	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-10-25-Q2	PP-10	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-10-25-Q2	PP-10	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6010D	Boron	D	34.9	J	RL	10	100		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6010D	Lithium	D	4.1	J	RL	1.3	10		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6020B	Arsenic	D	0.47	J	RL	0.21	2.0		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6020B	Cobalt	D	0.22	J	RL	0.20	2.0		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6020B	Copper	D	1.0	J	RL	1.0	10		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6020B	Nickel	D	1.1	J	RL	0.40	4.0		ug/L
PP-09-25-Q2	PP-09	N	SW-846 6020B	Zinc	D		U	BE,BF	5.5	10		ug/L
PP-09-25-Q2	PP-09	N	SW-846 7196A	Chromium, Trivalent	D		UJ	H	0.0067	0.022		mg/L
PP-09-25-Q2	PP-09	N	SW-846 7199	Chromium, Hexavalent	D		UJ	H	0.0065	0.020		mg/L
PP-09-25-Q2	PP-09	N	SW-846 7470A	Mercury	D		UJ	BN	0.030	0.50		ug/L

Data Qualifiers	
U	The analyte was not detected above the level of the sample reporting limit.
J	Quantitation is approximate due to limitations identified during data validation.
J+	The result is an estimated quantity; the result may be biased high.
J-	The result is an estimated quantity; the result may be biased low.
UJ	The analyte was not detected; the reporting limit is approximate and may be inaccurate or imprecise.
R	Unreliable positive result; analyte may or may not be present in sample.
Reason Codes and Explanations	
BE	Equipment blank contamination.
BF	Field blank contamination.

BL	Laboratory blank contamination.
BN	Negative laboratory blank contamination.
FD	Field duplicate imprecision.
FG	Total versus Dissolved Imprecision.
H	Holding time exceeded.
L	LCS and LCSD recoveries outside of acceptance limits
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits
MP	MS/MSD imprecision.
Q	Chemical Preservation issue.
RL	Reported Results between the MDL and QL.
S	Radium-226+228 flagged due to reporting protocol for combined results
T	Temperature preservation issue.
X	Percent solids < 30%.
Y	Chemical yield outside of acceptance limits
ZZ	Other

Facility: Possum Point Power Station
SDG: FC24306

Lab Sample ID	FC24306-1
Sys Sample Code	FB-01-25-Q2
Sample Name	FB-01-25-Q2
Sample Date	4/29/2025 1:04:00 PM
Location	PP-FB / Field Blank
Sample Type	FB
Matrix	AQ
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L		U			1.1	1.1	5.8	N	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	T	ug/L		U			10	10	100	N	Yes	1	NA
	Lithium	7439-93-2	T	ug/L		U			1.3	1.3	10	N	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	T	ug/L		U			0.21	0.21	2.0	N	Yes	2	NA
	Cadmium	7440-43-9	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	T	ug/L		U			360	360	2000	N	Yes	2	NA
	Chromium	7440-47-3	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	T	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	T	ug/L		U			50	50	200	N	Yes	2	NA
	Nickel	7440-02-0	T	ug/L		U			0.40	0.40	4.0	N	Yes	2	NA
	Selenium	7782-49-2	T	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	T	ug/L	0.66	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Zinc	7440-66-6	T	ug/L	4.9	J	RL		1.7	1.7	10	Y	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	T	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	T	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	T	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-10F
Sys Sample Code	PP-08-25-Q2
Sample Name	PP-08-25-Q2
Sample Date	4/29/2025 3:15:00 PM
Location	PP-ABC-PP-08 / PP-08
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	123				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	36.6	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	3.5	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.50	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28700				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	12500				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.98	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.6	6.6	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		U			0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		U			0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-11F
Sys Sample Code	PP-07-25-Q2
Sample Name	PP-07-25-Q2
Sample Date	4/29/2025 3:35:00 PM
Location	PP-ABC-PP-07 / PP-07
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	115				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	35.7	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	4.5	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L	0.23	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.50	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28400				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	10800				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.98	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U	BE,BF		1.3	1.3	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.3	5.3	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		U			0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		U			0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-12F
Sys Sample Code	PP-06-25-Q2
Sample Name	PP-06-25-Q2
Sample Date	4/29/2025 3:55:00 PM
Location	PP-APD-PP-06 / PP-06
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	119				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	38.3	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	4.5	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.50	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28800				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.25	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11500				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.3	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		7.1	7.1	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		U			0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		U			0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-13F
Sys Sample Code	PP-05-25-Q2
Sample Name	PP-05-25-Q2
Sample Date	4/29/2025 4:10:00 PM
Location	PP-APD-PP-05 / PP-05
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	116				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	72.8	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	2.7	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L	0.26	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.61	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	27900				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.8	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11200				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.4	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		7.2	7.2	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		U			0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		U			0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-14F
Sys Sample Code	PP-04-25-Q2
Sample Name	PP-04-25-Q2
Sample Date	4/29/2025 4:30:00 PM
Location	PP-APE-PP-04 / PP-04
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	107				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	46.9	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	4.3	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L	0.20	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.49	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	26000				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	10300				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	2.3	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.9	5.9	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		U			0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		U			0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-15
Sys Sample Code	FB-02-25-Q2
Sample Name	FB-02-25-Q2
Sample Date	4/30/2025 2:02:00 PM
Location	PP-FB / Field Blank
Sample Type	FB
Matrix	AQ
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L		U			1.1	1.1	5.8	N	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	T	ug/L		U			10	10	100	N	Yes	1	NA
	Lithium	7439-93-2	T	ug/L		U			1.3	1.3	10	N	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	T	ug/L		U			0.21	0.21	2.0	N	Yes	2	NA
	Cadmium	7440-43-9	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	T	ug/L		U			360	360	2000	N	Yes	2	NA
	Chromium	7440-47-3	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	T	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	T	ug/L		U			50	50	200	N	Yes	2	NA
	Nickel	7440-02-0	T	ug/L		U			0.40	0.40	4.0	N	Yes	2	NA
	Selenium	7782-49-2	T	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	T	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	T	ug/L	5.9	J	RL		1.7	1.7	10	Y	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	T	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	T	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	T	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-16F
Sys Sample Code	EB-02-25-Q2
Sample Name	EB-02-25-Q2
Sample Date	4/30/2025 2:12:00 PM
Location	PP-EB / Equipment Blank
Sample Type	EB
Matrix	AQ
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L		U			1.1	1.1	5.8	N	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L		U			10	10	100	N	Yes	1	NA
	Lithium	7439-93-2	D	ug/L		U			1.3	1.3	10	N	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L		U			0.21	0.21	2.0	N	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L		U			360	360	2000	N	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L		U			50	50	200	N	Yes	2	NA
	Nickel	7440-02-0	D	ug/L		U			0.40	0.40	4.0	N	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L	5.3	J	RL		1.7	1.7	10	Y	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-17F
Sys Sample Code	PP-03-25-Q2
Sample Name	PP-03-25-Q2
Sample Date	4/30/2025 2:21:00 PM
Location	PP-APE-PP-03 / PP-03
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	121				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	33.6	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	2.9	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.47	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28700				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	12000				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.1	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.7	5.7	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-18F
Sys Sample Code	PP-03-25-Q2-FD
Sample Name	PP-03-25-Q2-FD
Sample Date	4/30/2025 2:21:00 PM
Location	PP-APE-PP-03 / PP-03
Sample Type	FD
Matrix	SW
Parent Sample	PP-03-25-Q2
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	120				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	35.3	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	1.7	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.46	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28600				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11900				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.0	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.7	5.7	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-19F
Sys Sample Code	PP-02-25-Q2
Sample Name	PP-02-25-Q2
Sample Date	4/30/2025 2:36:00 PM
Location	PP-APE-PP-02 / PP-02
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	123				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	36.4	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	3.3	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.62	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	29500				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.20	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11900				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.2	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.5	5.5	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-20F
Sys Sample Code	PP-01-25-Q2
Sample Name	PP-01-25-Q2
Sample Date	4/30/2025 2:49:00 PM
Location	PP-APE-PP-01 / PP-01
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	116				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	35.1	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	1.8	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.82	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	27800				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.29	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11300				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.4	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.1	6.1	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		R	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		R	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-21F
Sys Sample Code	QC-02-25-Q2
Sample Name	QC-02-25-Q2
Sample Date	4/30/2025 3:07:00 PM
Location	PP-BKGD-QC-02 / QC-02
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	88.6				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	22.1	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	5.5	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.63	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	21200				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L	0.24	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.27	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.2	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	8650				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.0	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.0	6.0	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		R	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		R	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-22F
Sys Sample Code	QC-01-25-Q2
Sample Name	QC-01-25-Q2
Sample Date	4/30/2025 3:21:00 PM
Location	PP-BKGD-QC-01 / QC-01
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	85.9				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	22.3	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	5.6	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.69	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	20600				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L	0.26	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.36	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.4	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	8360				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.2	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		7.7	7.7	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		R	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		R	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-2F
Sys Sample Code	EB-01-25-Q2
Sample Name	EB-01-25-Q2
Sample Date	4/29/2025 1:11:00 PM
Location	PP-EB / Equipment Blank
Sample Type	EB
Matrix	AQ
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L		U			1.1	1.1	5.8	N	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L		U			10	10	100	N	Yes	1	NA
	Lithium	7439-93-2	D	ug/L		U			1.3	1.3	10	N	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L		U			0.21	0.21	2.0	N	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L		U			360	360	2000	N	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L		U			50	50	200	N	Yes	2	NA
	Nickel	7440-02-0	D	ug/L		U			0.40	0.40	4.0	N	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L	0.37	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Zinc	7440-66-6	D	ug/L	6.2	J	RL		1.7	1.7	10	Y	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-3F
Sys Sample Code	PP-11-25-Q2
Sample Name	PP-11-25-Q2
Sample Date	4/29/2025 1:16:00 PM
Location	PP-APD-PP-11 / PP-11
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	116				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	34.3	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	2.1	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.45	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	27800				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.5	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11200				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.94	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U	BE,BF		0.24	0.24	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.2	6.2	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-4F
Sys Sample Code	PP-12-25-Q2
Sample Name	PP-12-25-Q2
Sample Date	4/29/2025 1:36:00 PM
Location	PP-APD-PP-12 / PP-12
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	115				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	29.7	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	3.2	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.46	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28700				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.2	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	10500				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.98	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.9	5.9	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-5F
Sys Sample Code	PP-12-25-Q2-FD
Sample Name	PP-12-25-Q2-FD
Sample Date	4/29/2025 1:36:00 PM
Location	PP-APD-PP-12 / PP-12
Sample Type	FD
Matrix	SW
Parent Sample	PP-12-25-Q2
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	113				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	29.5	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	2.6	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.48	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	28100				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.20	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.2	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	10400				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.0	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.8	6.8	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-6F
Sys Sample Code	PR-01-25-Q2
Sample Name	PR-01-25-Q2
Sample Date	4/29/2025 1:56:00 PM
Location	PP-BKGD-PR-01 / PR-01
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	118				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	27.7	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	3.8	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.47	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	29000				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.0	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11000				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.97	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.3	6.3	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		U			0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-7F
Sys Sample Code	PR-02-25-Q2
Sample Name	PR-02-25-Q2
Sample Date	4/29/2025 2:11:00 PM
Location	PP-BKGD-PR-02 / PR-02
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	111				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	35.8	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	2.5	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.44	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	27400				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Copper	7440-50-8	D	ug/L		U			1.0	1.0	10	N	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	10300				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	0.86	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.9	5.9	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Lab Sample ID	FC24306-8F
Sys Sample Code	PP-10-25-Q2
Sample Name	PP-10-25-Q2
Sample Date	4/29/2025 2:47:00 PM
Location	PP-ABC-PP-10 / PP-10
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	118				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	34.7	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	3.6	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.47	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	27800				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.22	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.1	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	11900				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.0	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		6.2	6.2	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

Facility: Possum Point Power Station
SDG: FC24306

Lab Sample ID	FC24306-9F
Sys Sample Code	PP-09-25-Q2
Sample Name	PP-09-25-Q2
Sample Date	4/29/2025 3:00:00 PM
Location	PP-ABC-PP-09 / PP-09
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
SM 2340B	Hardness, Total as CaCO3	HARD	N	mg/L	125				1.1	1.1	5.8	Y	Yes	1	NA
SW-846 6010D	Boron	7440-42-8	D	ug/L	34.9	J	RL		10	10	100	Y	Yes	1	NA
	Lithium	7439-93-2	D	ug/L	4.1	J	RL		1.3	1.3	10	Y	Yes	1	NA
SW-846 6020B	Antimony	7440-36-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Arsenic	7440-38-2	D	ug/L	0.47	J	RL		0.21	0.21	2.0	Y	Yes	2	NA
	Cadmium	7440-43-9	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Calcium	7440-70-2	D	ug/L	29400				360	360	2000	Y	Yes	2	NA
	Chromium	7440-47-3	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Cobalt	7440-48-4	D	ug/L	0.22	J	RL		0.20	0.20	2.0	Y	Yes	2	NA
	Copper	7440-50-8	D	ug/L	1.0	J	RL		1.0	1.0	10	Y	Yes	2	NA
	Lead	7439-92-1	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Magnesium	7439-95-4	D	ug/L	12600				50	50	200	Y	Yes	2	NA
	Nickel	7440-02-0	D	ug/L	1.1	J	RL		0.40	0.40	4.0	Y	Yes	2	NA
	Selenium	7782-49-2	D	ug/L		U			0.22	0.22	2.0	N	Yes	2	NA
	Silver	7440-22-4	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Thallium	7440-28-0	D	ug/L		U			0.20	0.20	2.0	N	Yes	2	NA
	Zinc	7440-66-6	D	ug/L		U	BE,BF		5.5	5.5	10	N	Yes	2	NA
SW-846 7196A	Chromium, Trivalent	CHROMIUM,	D	mg/L		UJ	H		0.0067	0.0067	0.022	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	mg/L		UJ	H		0.0065	0.0065	0.020	N	Yes	1	NA
SW-846 7470A	Mercury	7439-97-6	D	ug/L		UJ	BN		0.030	0.030	0.50	N	Yes	1	NA

ENVIRONMENTAL® STANDARDS
Montrose Environmental Group

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the samples collected as part of:

Possum Point Surface Water Sampling
Samples Collected: 5/29/2025

This review was performed with guidance from the associated US EPA data validation guidelines and in accordance with the Quality Assurance Program Plan. These validation guidance documents specifically address analyses performed in accordance with the Contract Laboratory Program (CLP) analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA, SW-846, and Standard Methods utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA, SW-846, and Standard Methods utilized by the laboratory. This QA review was performed on the data associated with Job Number:

92799448

The findings offered in this report are based on a review of holding times and preservation, method blank results, field blank results, filter blank results, equipment blank results, tubing blank results, matrix spike/matrix spike duplicate recoveries and precision, laboratory control sample/laboratory control sample duplicate recoveries and precision, laboratory and field duplicate precision, total and dissolved results comparisons, and/or positive results between the method detection limit and quantitation limit.

The following results were qualified based on the data verification effort:

Sample	Location	Sample Type	Method	Analyte	T/D	Result	Qual	Reason Code(s)	MDL	QL	Uncertainty	Unit
PP-01-25-Q2-05	PP-01	N	SW-846 7199	Chromium, Hexavalent	D	0.011	J	RL	0.0043	0.025		ug/L
QC-01-25-Q2-05	QC-01	N	SW-846 7199	Chromium, Hexavalent	D	0.015	J	RL	0.0043	0.025		ug/L

Data Qualifiers	
U	The analyte was not detected above the level of the sample reporting limit.
J	Quantitation is approximate due to limitations identified during data validation.
J+	The result is an estimated quantity; the result may be biased high.
J-	The result is an estimated quantity; the result may be biased low.
UJ	The analyte was not detected; the reporting limit is approximate and may be inaccurate or imprecise.
R	Unreliable positive result; analyte may or may not be present in sample.
Reason Codes and Explanations	
BE	Equipment blank contamination.
BF	Field blank contamination.
BL	Laboratory blank contamination.
BN	Negative laboratory blank contamination.
FD	Field duplicate imprecision.
FG	Total versus Dissolved Imprecision.
H	Holding time exceeded.
L	LCS and LCSD recoveries outside of acceptance limits
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits
MP	MS/MSD imprecision.
Q	Chemical Preservation issue.
RL	Reported Results between the MDL and QL.

S	Radium-226+228 flagged due to reporting protocol for combined results
T	Temperature preservation issue.
X	Percent solids < 30%.
Y	Chemical yield outside of acceptance limits
ZZ	Other

Facility: Possum Point Power Station
SDG: 92799448

Lab Sample ID	92799448001
Sys Sample Code	FB-03-25-Q2-05
Sample Name	FB-03-25-Q2
Sample Date	5/29/2025 1:40:00 PM
Location	PP-FB / Field Blank
Sample Type	FB
Matrix	AQ
Parent Sample	
Percent Moisture	0.00

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CHROM_III_CALC	Chromium, Trivalent	CHROMIUM,	T	ug/L		U			10.0	10.0	10.0	N	Yes	1	NA
SW-846 6020B	Chromium	7440-47-3	T	ug/L		U			0.900	0.900	2.00	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	T	ug/L		U			0.0043	0.0043	0.025	N	Yes	1	NA

Lab Sample ID	92799448002
Sys Sample Code	EB-03-25-Q2-05
Sample Name	EB-03-25-Q2
Sample Date	5/29/2025 1:51:00 PM
Location	PP-EB / Equipment Blank
Sample Type	EB
Matrix	AQ
Parent Sample	
Percent Moisture	0.00

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CHROM_III_CALC	Chromium, Trivalent, Dissolved	CHROMIUM, TRIVA	D	ug/L		U			10.0	10.0	10.0	N	Yes	1	NA
SW-846 6020B	Chromium	7440-47-3	D	ug/L		U			0.900	0.900	2.00	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	ug/L		U			0.0043	0.0043	0.025	N	Yes	1	NA

Lab Sample ID	92799448003
Sys Sample Code	PP-01-25-Q2-05
Sample Name	PP-01-25-Q2
Sample Date	5/29/2025 1:57:00 PM
Location	PP-APE-PP-01 / PP-01
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	0.00

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CHROM_III_CALC	Chromium, Trivalent, Dissolved	CHROMIUM, TRIVA	D	ug/L		U			10.0	10.0	10.0	N	Yes	1	NA
SW-846 6020B	Chromium	7440-47-3	D	ug/L		U			0.900	0.900	2.00	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	ug/L	0.011	J	RL		0.0043	0.0043	0.025	Y	Yes	1	NA

Lab Sample ID	92799448004
Sys Sample Code	QC-02-25-Q2-05
Sample Name	QC-02-25-Q2
Sample Date	5/29/2025 2:16:00 PM
Location	PP-BKGD-QC-02 / QC-02
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	0.00

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CHROM_III_CALC	Chromium, Trivalent, Dissolved	CHROMIUM, TRIVA	D	ug/L		U			10.0	10.0	10.0	N	Yes	1	NA
SW-846 6020B	Chromium	7440-47-3	D	ug/L		U			0.900	0.900	2.00	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	ug/L		U			0.0043	0.0043	0.025	N	Yes	1	NA

Lab Sample ID	92799448005
Sys Sample Code	QC-01-25-Q2-05
Sample Name	QC-01-25-Q2
Sample Date	5/29/2025 2:31:00 PM
Location	PP-BKGD-QC-01 / QC-01
Sample Type	N
Matrix	SW
Parent Sample	
Percent Moisture	0.00

Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Final Result	Final Qual	Reason code	Uncertainty	Final MDL	Final RL	Final QL	Final Detect	Final Report	DF	Basis
CHROM_III_CALC	Chromium, Trivalent, Dissolved	CHROMIUM, TRIVA	D	ug/L		U			10.0	10.0	10.0	N	Yes	1	NA
SW-846 6020B	Chromium	7440-47-3	D	ug/L		U			0.900	0.900	2.00	N	Yes	1	NA
SW-846 7199	Chromium, Hexavalent	18540-29-9	D	ug/L	0.015	J	RL		0.0043	0.0043	0.025	Y	Yes	1	NA