

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME: AEC-2025-0013-CSC 6102 MT.VERNON

ATG-GREENVILLE AEC
426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID: Q3528

ATTENTION: Staci Bruce







Table Of Contents for Q3528

1) Si	ignature Page	3
2) C	ase Narrative	4
3) Q	ualifier Page	5
4) Q	A Checklist	6
5) G	enchem Data	7
6) SI	hipping Document	10
	6.1) CHAIN OF CUSTODY	11
	6.2) Lab Certificate	12

Q3528 **2 of 12**



Cover Page

Order ID:	Q3528
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Project ID: AEC-2025-0013-CSC 6102 Mt.Vernon

Client: ATG-GREENVILLE AEC

Lab Sample Number Client Sample Number

Q3528-01 SW-2

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :	Date:	11/6/2025
	Date.	117072020

NYDOH CERTIFICATION NO - 11376 NJDEP CERTIFICATION NO - 20012

Q3528 **3 of 12**



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: AEC-2025-0013-CSC 6102 Mt. Vernon

Project # N/A Order ID # Q3528 Test Name: COD,TSS

A. Number of Samples and Date of Receipt:

1 Water sample was received on 11/03/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: COD,TSS. This data package contains results for COD,TSS.

C. Analytical Techniques:

The analysis of TSS was based on method SM2540 D and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the
contract, both technically and for completeness, for other than the conditions detailed
above. The laboratory manager or his designee, as verified by the following signature has
authorized release of the data contained in this hard copy data package.

$Signature_{_}$			
Signature			
- 6	 	 	

Q3528 4 of 12



DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following "Results Qualifiers" are used:

- J Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
- U Indicates the analyte was analyzed for, but not detected.
- Indicates the analyte was analyzed for, but not detected ND
- E Indicates the reported value is estimated because of the presence of interference
- M Indicates Duplicate injection precision not met.
- N Indicates the spiked sample recovery is not within control limits.
- S Indicates the reported value was determined by the Method of Standard Addition (MSA).
- Indicates that the duplicate analysis is not within control limits.
- Indicates the correlation coefficient for the MSA is less than 0.995.
- D Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
- \mathbf{M} Method qualifiers
 - "P" for ICP instrument
 - "PM" for ICP when Microwave Digestion is used
 - "CV" for Manual Cold Vapor AA
 - "AV" for automated Cold Vapor AA
 - "CA" for MIDI-Distillation Spectrophotometric for Semi -Automated Spectrophotometric "AS"
 - "C" for Manual Spectrophotometric
 - "T" for Titrimetric
 - "NR" for analyte not required to be analyzed
- OR Indicates the analyte's concentration exceeds the calibrated range of the
 - instrument for that specific analysis.
- Q Indicates the LCS did not meet the control limits requirements
- Η Sample Analysis Out Of Hold Time



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3528

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u> </u>
Is the chain of custody signed and complete	' ' <u>*</u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u>✓</u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u>✓</u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	<u> </u>
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	<u>—</u>
Was method requirement followed?	✓
Was client requirement followed?	<u></u>
Does the case narrative summarize all QC failure?	' ' ' ' ' ' ' '
All runlogs and manual integration are reviewed for requirements	<u> </u>
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI Date: 11/06/2025

Q3528 **6 of 12**



5



C

SAMPLE DATA

Q3528 **7 of 12**





284 Sheffield Street, Mountainside, New Jersey 07092, Phone: 908 789 8900,

Fax: 908 789 8922

Report of Analysis

Client: ATG-GREENVILLE AEC

Project: AEC-2025-0013-CSC 6102 Mt. Vernon

Client Sample ID: SW-2 Lab Sample ID: Q3528-01 Date Collected: 10/29/25 13:20

Date Received: 11/03/25 SDG No.: Q3528 Matrix: Water % Solid: 0

Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	60.3	1 1.50	10.0	mg/L		11/04/25 13:08	SM 5220 D-11
TSS	324	1 1.00	4.00	mg/L		11/05/25 10:30	SM 2540 D-20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Q3528



LAB CHRONICLE

OrderID: Q3528

11/3/2025 11:29:00 AM OrderDate: ATG-GREENVILLE AEC Client: AEC-2025-0013-CSC 6102 Mt.Vernon

Project: Contact: Staci Bruce

Location: J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3528-01	SW-2	Water			10/29/25			11/03/25
Q5525 G1	511 2	water			13:20			11,05,25
					15.20			
			COD	SM5220 D			11/04/25	
							13:08	
			TSS	SM2540 D			11/05/25	
							10:30	

Q3528 9 of 12



SHIPPING DOCUMENTS

Q3528 **10 of 12**

23528

Effective Date: 2/12/2025

N/A

Page 1 of 1

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Client Street Add			Project Identification CSC 6102 Mt. Vernon Project Street Address					PW=	8)				tical Par	ameters	and Me	thods Re	quested			
city Gree	airforest Way enville _{state} SC	zlp 29607	2011 Brownsville	e Rd, ∞				l, A = Air, NPW	# 2											(S/R)
Client Phone			Report To					0=0	4) Zinc											ufine (
Contact Person			PO# AEC-2025-0013	Quote Number				. Liquid, O = Oit, A =	; 3) HCl; specify in	횰										ce or Ro
Client Email Add staci.bruce	dress e@alliancetg.com		PWs ID	Facility ID				rithir	2504, ther (Sample	1									phan
	nt Name and Provide Signature) My Hankins		Reporting/Accreditation Requirements Ohio VAF Drinking Water Compliance	Ohio EPA Pb, C	u		9.	SL = Slad, er, DW = D	Preservation: 1) HNO3; 2) HZSO4; 3) HC; 4) Zinc Acet NaOH; 6) EDA; 7) none; 8) other (specify in comments)	2										pecial Com
	sults to be reported to state by lab		Other Compliance (List State/ Pr IL Stormwater			Grab Sample	site Samp	Matrix: S = Solid, S Non-Potable Water	ation: 1) E 6) EDA; 7	er of Containers	٥	ြ	Hd bl							DW Only: Special Cor
#	Sample Point ID	Sample I	dentification	Date Collected	Time Collected	Grab	Composite	Matrix Non-Po	Preserv NaOH;	Namb	000	TSS	Field							For DV
1	SW-2	Mt V	ernon SW	10/29/2025	1320	V		SW		2	V	V	~							
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-												volume for a				NO		ooler? YE	S NO N/A	_
Received at A	TG-Akron by:	Date	Time	Carri	er	RUSI	I Reque		_Day(s)			pt Temperat		Cooler Sea Sample Sea	ls?	INTACT INTACT		INTACT	N/A N/A	-
						Please prov	ide advanced n	otice of rush requ	ests whenever pos	sible.	Ι .	スー	°C	Ice Presen	t? (Y	ES) N	O M	ELTED	N/A	_

3.1

YES

MELTED

°C Ice Present?





Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148