

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME: AEC-2025-0013-CSC 6121 HERRIN

ATG-GREENVILLE AEC
426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID: Q3529

ATTENTION: Staci Bruce







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Cover Page

Order ID: Q3529

Project ID: AEC-2025-0013-CSC 6121 Herrin

Client: ATG-GREENVILLE AEC

Lab Sample Number Client Sample Number

Q3529-01 SW1

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 :

By Nimisha Pandya, QA/QC Supervisor at 3:40 pm, Nov 10, 2025

NYDOH CERTIFICATION NO - 11376 NJDEP CERTIFICATION NO - 20012

11/6/2025

Date:

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APPROVED



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 6121 Herrin

Project # N/A Order ID # Q3529 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:

Sample Q3529-01 was analyzed straight dilution for COD parameter because the original samples were reading over range, only 20X has been reported.

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.

APPROVED

Signature

By Nimisha Pandya, QA/QC Supervisor at 3:40 pm, Nov 10, 2025

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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.
- ND Indicates the analyte was analyzed for, but not detected
- 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.
- 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 "AS" for Semi –Automated Spectrophotometric
 - "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
- H Sample Analysis Out Of Hold Time



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3529

	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	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
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

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A

С

SAMPLE DATA





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 6121 Herrin

Client Sample ID: SW1 Lab Sample ID: Q3529-01 Date Collected: 10/29/25 10:45

Date Received: 11/03/25 SDG No.: Q3529 Matrix: Water % Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	1330	D	20	30.0	200	mg/L		11/04/25 13:09	SM 5220 D-11
TSS	3670		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



LAB CHRONICLE

OrderID: Q3529

11/3/2025 11:33:00 AM OrderDate: ATG-GREENVILLE AEC Client: Project: AEC-2025-0013-CSC 6121 Herrin

Contact: Staci Bruce Location: J11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3529-01	SW1	Water			10/29/25			11/03/25
					10:45			
			COD	SM5220 D			11/04/25	
							13:09	
			TSS	SM2540 D			11/05/25	
							10.30	

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SHIPPING DOCUMENTS

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Q 3529

Effective Date: 2/12/2025

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6.1

Alliance

3310 Win Street Cuyahoga Falls, Ohio 44223 (330) 253-8211

Analysis Request / Chain of Custody

https://phanceg.com/services/environmental

LAB	For Alliance Technical Group, LLC-Akron use only	
wo		
NO.:		

												NO.:									
Client Name Project Identification Durham School Services CSC 6121 Herrin								a				Analy	ical Par	ameters	s and Mo	ethods Re	equested				
Client Street Add			Project Street Address					1	_												
426 Fairforest Way 2113 W Cherry St,									= Air, NPW	1ste; 5)											
City Greenville State SC Zip 29607 City Herrin State IL				Zip					ii, A	c Ace								1			S/R
Client Phone			Report To		Quote Number			0=0	4) Zin											outine	
Contact Person			PO# AEC-2025-0013	Quote Number				Liquid) HCl											e or R	
Client Email Ad-			PWS ID	Facility ID				Sladge, L = Liquid, O = Oil, A V = Drinking Water	2504; ther (s)	Sample										phane	
staci.bruce@alllancetg.com			S: Ohio EPA Ph, Cu BUSTR			용	= II	Preservation: 1) HNO3; 2) HZSO4; 3) HCl; 4) Zinc Acetair; NaOH; 6) EDA; 7) aone; 8) other (specify in comment)	lers per			_							For DW Only: Special Compliance or Routine (S/R)		
For DW only, re-	sults to be reported to state by lab	7 If yes, lab fee may apply:	Other Compliance (List State/ Program): IL Stormwater				te Samı	= Solid ble War	ion: 1) EDA;	of Con		10	Hdp							Only:	
#	Sample Point ID		dentification	Date Collected	Time Collected	Grab Sample	Composite Sa	Matrix: S = Solid, ! Non-Potable Water	Preserva	Number of Contain	COD	TSS	Field							For DW	
1	SW1	He	rrin SW	10/29/2025	10:45	V		SW		2	V	V	~						g		
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Relinquished	by:	Date	Time	Received	by:	Di			Time		Notes / Co							-			
Jeremy Hankins		10/30/2025	10:00	JT		11-3-25		1	1115		Field pH:8.33										
												volume for :				NO NO		Cooler?	YES NO	N/A	
nl. 1	ARC Almost	n	7pt	Carri	lart								_	Cooler Se		INTAC	T N	OT INTACT	/		
Received at ATG-Akron by:		Date	Time	Carri	ici.		RUSH Requested:Day(s)		sible.		Sample Seals? INTACT			T N	OT INTACT						
			Classe Broates an autom Witten in 1981 Ledfacto Afficiliada Incenties							3. C Ice Present? VIS NO MELTED N/A											

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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