

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : AEC-2025-0013-CSC WHEELING IL

ATG-GREENVILLE AEC

426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID : Q3703

ATTENTION : Staci Bruce



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3703

Project ID : AEC-2025-0013-CSC Wheeling IL

Client : ATG-GREENVILLE AEC

Lab Sample Number

Q3703-01

Client Sample Number

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: 11/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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 Wheeling IL

Project # N/A

Order ID # Q3703

Test Name: COD,Field pH,TSS

A. Number of Samples and Date of Receipt:

1 Water sample was received on 11/21/2025.

B. Parameters:

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

C. Analytical Techniques:

The analysis of TSS was based on method SM2540 D, The analysis of Field pH was based on method SM4500-H B 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 Q3703-01 was analyzed straight Dilution for COD Parameter because the original samples were reading over range, only 10X 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.

Signature_____

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 #: Q3703

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)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

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

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/27/2025



SAMPLE DATA

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013-CSC Wheeling IL
Client Sample ID: SW-2
Lab Sample ID: Q3703-01

Date Collected: 11/18/25 12:05
Date Received: 11/21/25
SDG No.: Q3703
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	320	D	10	15.0	100	mg/L		11/25/25 13:50	SM 5220 D-11
Field pH	8.65		1	0	0	pH		11/18/25 12:05	SM4500-H B
TSS	57.7		1	1.00	4.00	mg/L		11/21/25 15:30	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:	Q3703	OrderDate:	11/21/2025 11:14:25 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013-CSC Wheeling IL
Contact:	Staci Bruce	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3703-01	SW-2	Water			11/18/25 12:05			11/21/25
			COD	SM5220 D			11/25/25 13:50	
			Field pH	SM4500-H B			11/18/25 12:05	
			TSS	SM2540 D			11/21/25 15:30	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Durham School Services
ADDRESS: 446 Fairforest Way
CITY: Greenville STATE: SC ZIP: 29607
ATTENTION: _____
PHONE: _____ FAX: _____

PROJECT NAME: CSC 3090 Wheeling
PROJECT NO.: AEC-2050018 LOCATION: Wheeling, IL
PROJECT MANAGER: Staci Bruce
e-mail: staci.bruce@alliance.tg.com
PHONE: _____ FAX: _____

BILL TO: Durham School Services PO#: _____
ADDRESS: 446 Fairforest Way
CITY: Greenville STATE: SC ZIP: 29607
ATTENTION: _____ PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT _____

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SW-2				✓	11/18/25 12:05pm	2	✓	✓	✓							
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. <u>[Signature]</u>	<u>11/18/25</u>	1. <u>[Signature]</u>	Comments: <u>Field PH: SW-2 (8.65)</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>	<u>11/21/25 9:00</u>	2. <u>[Signature]</u>	<u>IF Cont</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>		3. <u>[Signature]</u>	

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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