

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : AEC-2025-0013

ATG-GREENVILLE AEC

426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID : Q3778

ATTENTION : Staci Bruce



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3778

Project ID : AEC-2025-0013

Client : ATG-GREENVILLE AEC

Lab Sample Number

Q3778-01

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: 12/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: AEC-2025-0013

Project # N/A

Order ID # Q3778

Test Name: Anions Group1,Oil and Grease,Phosphorus-Total,TKN,Total Nitrogen,TSS

A. Number of Samples and Date of Receipt:

1 Water sample was received on 12/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Anions Group1,Oil and Grease,Phosphorus-Total,TKN,Total Nitrogen,TSS. This data package contains results for Anions Group1(300.0),Oil and Grease(1664A),Phosphorus-Total(365.3),TKN(SM4500 N Org B or C),Total Nitrogen(Cal),TSS(SM2540 D).

C. Analytical Techniques:

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Anions Group1 was based on method 300.0, The analysis of Phosphorus-Total was based on method 365.3, The analysis of Total Nitrogen was based on method Cal, The analysis of TSS was based on method SM2540 D and The analysis of TKN was based on method SM4500 N Org B or C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all samples.

E. Additional Comments: As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for Q3575 therefore Lab reported MS-MSD from Q3772, Q3785, Q3793.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

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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 #: Q3778

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: 12/09/2025



SAMPLE DATA

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013
Client Sample ID: SW-2
Lab Sample ID: Q3778-01

Date Collected: 12/02/25 14:59
Date Received: 12/04/25
SDG No.: Q3778
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.078	J	1	0.074	0.60	mg/L		12/04/25 12:32	300.0
Nitrate	0.14	J	1	0.095	0.50	mg/L		12/04/25 12:32	300.0
Nitrate+Nitrite	0.22	J	1	0.17	1.10	mg/L		12/04/25 12:32	300.0
Oil and Grease	0.44	J	1	0.29	5.00	mg/L		12/08/25 12:37	1664A
Phosphorus, Total	0.064		1	0.0050	0.050	mg/L	12/05/25 10:45	12/05/25 13:49	365.3
TKN	0.28	J	1	0.11	0.50	mg/L	12/05/25 08:50	12/05/25 14:22	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	0.50	J	1	0.31	1.30	mg/L		12/05/25 14:22	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	56.6		1	1.00	4.00	mg/L		12/04/25 16:00	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:	Q3778	OrderDate:	12/4/2025 11:33:00 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013
Contact:	Staci Bruce	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3778-01	SW-2	WATER			12/02/25 14:59			12/04/25
			Anions Group1	300.0			12/04/25 12:32	
			Oil and Grease	1664A			12/08/25 12:37	
			Phosphorus-Total	365.3		12/05/25	12/05/25 13:49	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		12/05/25	12/05/25 14:22	
			Total Nitrogen	Cal			12/05/25 14:22	
			TSS	SM2540 D			12/04/25 16:00	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Durham School Services
ADDRESS: 2 E Pointe Dr, Birdsboro, PA
CITY: Birdsboro STATE: PA ZIP: 19508
ATTENTION: staci.bruce@allianctg.com
PHONE: FAX:

PROJECT NAME: CSC #4155 - 2 E Pointe Dr, Birdsboro, PA
PROJECT NO.: AEC-2025-0013 LOCATION: PA
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
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

Oil & Grease
TSS
Total Phosphorus
Total Nitrogen

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	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	SW-2	SW		X	12/4/25	2:59PM	6	1	1	1	1							
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: 1.	DATE/TIME: 10:44 12/4/25	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1°C °C Comments: 2.1°C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

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