

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 : Q3462

ATTENTION : Greg Etter



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3462

Project ID : AEC-2025-0013

Client : ATG-GREENVILLE AEC

Lab Sample Number

Q3462-01

Client Sample Number

SW-1

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: 11/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: AEC-2025-0013

Project # N/A

Order ID # Q3462

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 10/23/2025.

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,Oil and Grease, Phosphorus-Total,TKN,Total Nitrogen,TSS.

C. Analytical Techniques:

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, 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 except for SW-1 for Nitrite and Nitrate as sample was receive out of holding time.

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:

The Date and time of sampling was not listed in the COC.

The temperature of the samples at the time of receipt was 14.5°C.

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 Q3462 therefore Lab reported MS-MSD from Q3448 and Q3455.



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 #: Q3462

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: 11/04/2025



SAMPLE DATA

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013
Client Sample ID: SW-1
Lab Sample ID: Q3462-01

Date Collected: 10/18/25 12:00
Date Received: 10/23/25
SDG No.: Q3462
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	HU	1	0.074	0.60	mg/L		10/24/25 15:50	300.0
Nitrate	0.84	H	1	0.095	0.50	mg/L		10/24/25 15:50	300.0
Nitrate+Nitrite	0.84	J	1	0.17	1.10	mg/L		10/24/25 15:50	300.0
Oil and Grease	5.30		1	0.29	5.00	mg/L		10/27/25 10:00	1664A
Phosphorus, Total	0.12		1	0.0050	0.050	mg/L	10/31/25 10:00	10/31/25 13:39	365.3
TKN	1.60		1	0.11	0.50	mg/L	10/29/25 08:50	10/29/25 14:34	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	2.44		1	0.31	1.30	mg/L		10/29/25 14:34	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	394		1	1.00	4.00	mg/L		10/24/25 12:30	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:	Q3462	OrderDate:	10/24/2025 1:38:00 PM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013
Contact:	Daniel Maalouf	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3462-01	SW-1	WATER			10/18/25 12:00			10/23/25
			Anions Group1	300.0			10/24/25 15:50	
			Phosphorus-Total	365.3		10/31/25	10/31/25 13:39	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/29/25	10/29/25 14:34	
			Total Nitrogen	Cal			10/29/25 14:34	
			Oil and Grease	1664A			10/27/25 10:00	
			TSS	SM2540 D			10/24/25 12:30	



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: AEC-2025-0013

Q3462

COC Number:

CLIENT INFORMATION			PROJECT INFORMATION				BILLING INFORMATION														
COMPANY: Durham School Services			PROJECT NAME: CSC 6702 Wattsburg				BILL TO: dede.golding@alliancetg.com					PO#									
ADDRESS:			PROJECT #: AEC-2025-0013 LOCATION: PA				ADDRESS:														
CITY: Wattsburg STATE: PA ZIP:			PROJECT MANAGER:				CITY:					STATE: ZIP:									
ATTENTION: staci.bruce@alliancetg.com			E-MAIL:				ATTENTION:					PHONE:									
PHONE:			PHONE:				FAX:														
FAX:			FAX:																		
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION				ANALYSIS														
FAX: _____ DAYS*			☐ RESULTS ONLY ☐ USEPA CLP				Oil & Grease	TSS	Total Phosphorus	Total Nitrogen											
HARD COPY: _____ DAYS*			☐ RESULTS + QC ☐ New York State ASP "B"																		
EDD _____ DAYS*			☐ New Jersey REDUCED ☐ New York State ASP "A"																		
* TO BE APPROVED BY ALLIANCE			☐ New Jersey CLP ☐ Other _____																		
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ EDD Format																		
CHEMTECH 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 B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other	
1. SW-1			SW			X					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			DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 14.5°C MeOH extraction requires an additional 4oz. Jar for percent solid Comments:														
1.					1. [Signature]																
RELINQUISHED BY			DATE/TIME		RECEIVED BY																
2.					2. [Signature]																
RELINQUISHED BY			DATE/TIME		RECEIVED FOR LAB BY																
3.					3.																
Page _____ of _____										SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight										Shipment Complete ☐ YES ☐ NO	
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY																					

To: Staci Bruce
Cc: Anna Raymond
Subject: RE: SW-1

Also, please keep in mind samples were received out of temp range.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Yazmeen Gomez
Sent: Thursday, October 23, 2025 2:15 PM
To: Staci Bruce <staci.bruce@alliancetg.com>
Cc: Anna Raymond <anna.raymond@alliancetg.com>
Subject: RE: SW-1

We do, I put each other into the system and add a comment with the site location (if given). I can create a PDF with each order that has already went out if you'd like.

Please see attached for BTEX, not sure if you send a follow up question after Mohammad email, if so, let me know.

If you need more instructions, I can have the Sample Management supervisor walk you through it over the phone.

We do have an issue with the volume and bottles this time around.

I have attached the bottle orders and pictures of the bottles we received back.

We only received one bottle back for two of the samples with a list of analysis on the bottles— should have been at least four bottles.

We won't have enough volume to run Oil and Grease on these.

The sample times given on one COC don't match any of the bottles.

Best Regards,



Yazmeen Gomez
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An Alliance Technical Group Company
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From: Staci Bruce <staci.bruce@alliancetg.com>
Sent: Thursday, October 23, 2025 1:52 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Cc: Anna Raymond <anna.raymond@alliancetg.com>
Subject: Re: SW-1

These should be 3 different samples for 3 different sites.

I do not know what is happening to be honest. I know they don't come back immediately because we are waiting on stormwater events and the weather doesn't always pan out like we planned. We could hold on to a kit/ bottles for two months waiting for a rain event.

I think one or two may have been rearranged after delivery due to some broken bottles. Otherwise, this is absolutely not acceptable and I would appreciate if you could let me know. Does the lab have any type of tracking system of the kit requests sent out? I can make one of my own but just wanted to check with you first.

Also I sent you an email regarding BTEX if you could help me out there or refer me to someone else.

Thank you,



Staci Bruce
 Director, Compliance
 Mobile: 423-902-9441
www.alliancetg.com

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Thursday, October 23, 2025 1:19 PM
To: Staci Bruce <staci.bruce@alliancetg.com>
Subject: SW-1

Good afternoon Staci,

We received the attached COC's in 3 different coolers.

A few things –

1. Are these all 3 different samples? For 3 different sites? Or is this just all the same sample?
2. Do you know what is happening with the bottles we are sending out? Or why they aren't being used?
 When we receive the samples, they are almost never using the bottles we send out, or only use some of the bottles, we often have to split bottles and work on minimal volume.

Best Regards,



Yazmeen Gomez

Sr. Project Manager

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3147

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com     

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