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

DATA PACKAGE

GENERAL CHEMISTRY
VOLATILE ORGANICS

PROJECT NAME : AEC-2025-0013- CSC 4153

ATG-GREENVILLE AEC

426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID : Q3510

ATTENTION : Staci Bruce

Laboratory Certification ID # 20012

Table Of Contents for Q3510

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Cover Page

Order ID : Q3510

Project ID : AEC-2025-0013- CSC 4153

Client : ATG-GREENVILLE AEC

Lab Sample Number	Client Sample Number
Q3510-01	OUTFALL-002

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: 11/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ATG-GREENVILLE AEC
Project Name: AEC-2025-0013- CSC 4153
Project # N/A
Order ID # Q3510
Test Name: VOC-BTEX,COD,Oil and Grease

A. Number of Samples and Date of Receipt:
1 Water sample was received on 10/31/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-BTEX,COD,Oil and Grease. This data package contains results for VOC-BTEX(8260-Low),COD(SM5220 D),Oil and Grease(1664A).

C. Analytical Techniques:
VOC-BTEX : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-BTEX was based on method 8260-Low.

Wetchem : The analysis of Oil and Grease was based on method 1664A and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD were met for all analysis except following
VOC-BTEX : The RPD for {VX1103WBSD01} with File ID: VX048450.D met criteria except for Benzene[17%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds except following
The Blank Spike Duplicate met requirements for all compounds except following
VOC-BTEX : The Blank Spike Duplicate for {VX1103WBSD01} with File ID: VX048450.D met requirements for all compounds except for Benzene[114%] is failing high but no positive hit in associate sample therefore no corrective action taken.

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements except following
VOC-BTEX : The Continuous Calibration File ID VX048445.D met the requirements except for Dibromofluoromethane which is not our target compound, therefore no corrective action taken.
The Tuning criteria met requirements.
The Duplicate analysis met criteria for all compounds.

E. Additional Comments:
COD,Oil and Grease : 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 Q3510 therefore Lab reported MS-MSD from Q3551 and Q3554.

VOC-BTEX : As per special requirement for this project form-1 and Hit Summary are reported in mg/l.
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

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

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_____

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Tel. 908-789-8900 Fax: 908-789-8922

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

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DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3510

	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 Castody	✓
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:** 11/07/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3510

Client: ATG-GREENVILLE AEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	10/30/25
Project:	AEC-2025-0013- CSC 4153	Date Received:	10/31/25
Client Sample ID:	OUTFALL-002	SDG No.:	Q3510
Lab Sample ID:	Q3510-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	UQ	1	0.00015	0.0010	mg/L	11/03/25 14:18	VX110325
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	11/03/25 14:18	VX110325
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	11/03/25 14:18	VX110325
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	11/03/25 14:18	VX110325
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	11/03/25 14:18	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.8			74 - 125	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	57.7			75 - 124	115%	SPK: 50		
2037-26-5	Toluene-d8	45.9			86 - 113	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.1			77 - 121	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	164000							
540-36-3	1,4-Difluorobenzene	238000							
3114-55-4	Chlorobenzene-d5	216000							
3855-82-1	1,4-Dichlorobenzene-d4	120000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q3510	**OrderDate:**	10/31/2025 12:10:00 PM
Client:	ATG-GREENVILLE AEC	**Project:**	AEC-2025-0013- CSC 4153
Contact:	Staci Bruce	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3510-01	**OUTFALL-002**	**Water**			**10/30/25**			**10/31/25**
			VOC-BTEX	8260-Low			11/03/25	

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	10/30/25 12:26
Project:	AEC-2025-0013- CSC 4153	Date Received:	10/31/25
Client Sample ID:	OUTFALL-002	SDG No.:	Q3510
Lab Sample ID:	Q3510-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	61.3		1	1.50	10.0	mg/L		11/04/25 13:06	SM 5220 D-11
Oil and Grease	1.80	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A

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

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LAB CHRONICLE

OrderID:	Q3510	**OrderDate:**	10/31/2025 12:10:00 PM
Client:	ATG-GREENVILLE AEC	**Project:**	AEC-2025-0013- CSC 4153
Contact:	Staci Bruce	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3510-01	**OUTFALL-002**	**Water**			**10/30/25 12:26**			**10/31/25**
			COD	SM5220 D			11/04/25 13:06	
			Oil and Grease	1664A			11/07/25 10:30	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3510
COC Number 2046898

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Accuracy Stormwater
ADDRESS: 14 Fisher Lane 1
CITY White Plains STATE: NY ZIP:
ATTENTION: Staci.bruce@alliancetg.com
PHONE: (423) 902-9441 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Accuracy Stormwater
PROJECT NO.: AEC-2025-0013 LOCATION: CSC 4153
PROJECT MANAGER: Staci Bruce
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: DEDE.Golding@alliancetg.com PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: COD 2: D&G 3: BTEX 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Outfall 002	SW		X	10/30/25	12:26	4	1	1	2							
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/30/25 19:50	1. 10-31-25 0630
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 1.6°C °C
Comments:

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3510 ATGG01
Client Name : ATG-GREENVILLE AEC
Client Contact : Staci Bruce
Invoice Name : ATG-GREENVILLE AEC
Invoice Contact : Staci Bruce

Order Date : 10/31/2025 12:10:00 PM
Project Name : AEC-2025-0013- CSC 415
Receive DateTime : 10/31/2025 6:30:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3510-01	OUTFALL-002	Water	10/30/2025	12:26					
					VOC-BTEX		8260-Low		10 Bus. Days

Stored in VOA Ref # 04

Relinguished By :
Date / Time : 10-31-25 1230

Received By :
Date / Time : 10-31-25 12:30

Storage Area : VOA Refridgerator Room