

# **DATA PACKAGE**

GENERAL CHEMISTRY VOLATILE ORGANICS

**PROJECT NAME: 1-4 INDUSTRY DRIVE - WATERFORD NY** 

ATG-GREENVILLE AEC
426 Fairforest way

Greenville, SC - 29607

Phone No: 864-704-7984

ORDER ID: Q2930

**ATTENTION: Staci Bruce** 







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DA1-2



# **Cover Page**

Order ID:	Q2930
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Q2930-02

**Project ID:** 1-4 Industry Drive - Waterford NY

Client: ATG-GREENVILLE AEC

Lab Sample Number

Client Sample Number

Q2930-01

DA1-1

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 :		
Signature .	Date:	9/1/2025

NYDOH CERTIFICATION NO - 11376 NJDEP CERTIFICATION NO - 20012

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#### CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: 1-4 Industry Drive - Waterford NY

Project # N/A Order ID # O2930

**Test Name: VOC-BTEX** 

#### A. Number of Samples and Date of Receipt:

2 Water samples were received on 08/21/2025.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-BTEX. This data package contains results for VOC-BTEX.

#### C. Analytical Techniques:

The analysis performed on instrument MSVOA\_V 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 8260D.

#### D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate 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 Tuning criteria met requirements.

#### E. Additional Comments:

As per special requirement for this project form-1 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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

#### **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		
Signature		

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#### CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: 1-4 Industry Drive - Waterford NY

Project # N/A Order ID # O2930

Test Name: COD,Oil and Grease

#### A. Number of Samples and Date of Receipt:

2 Water samples were received on 08/21/2025.

#### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: COD,Oil and Grease. This data package contains results for COD,Oil and Grease.

#### C. Analytical Techniques:

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 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:**

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 Q2930 therefore Lab reported MS-MSD from Q2935 and Q2942.

Dup not analyzed as no enough volume provided for Oil and Grease.

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.

Si	gnature	<u>;</u>			

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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



# 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
υ	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. " $10~\rm U$ ". 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
<b>J</b>	<ul> <li>Indicates an estimated value. This flag is used:</li> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(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.</li> <li>Indicates the analyte was found in the blank as well as the sample report as "12 B".</li> </ul>
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



APPENDIX A

#### **QA REVIEW GENERAL DOCUMENTATION**

Project #: Q2930

	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	✓
Is the chain of custody signed and complete	<u> </u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<del>'</del> <del>'</del> <u>*</u>
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	✓
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?	✓
Was client requirement followed?	<u></u>
Does the case narrative summarize all QC failure?	<del>'</del>
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: 09/01/2025

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**Client ID** 

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

Fax: 908 789 8922

#### Hit Summary Sheet SW-846

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**SDG No.:** Q2930

Client: ATG-GREENVILLE AEC

Matrix

C MDL

**Client ID:** 

Sample ID

0

Concentration

**Total Voc:** 

**Parameter** 

**Total Concentration:** 



RDL

Units

Q2930



# 5

Α

C

SAMPLE DATA

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Q2930-01

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

Matrix:

Water

#### **Report of Analysis**

Client: ATG-GREENVILLE AEC Date Collected: 08/20/25 Project: Date Received: 1-4 Industry Drive - Waterford NY 08/21/25

Q2930 DA1-1 SDG No.:

Client Sample ID:

Analytical Method: 8260D % Solid:

Sample Wt/Vol: 5 Units: mL Final Vol: 5000 uL

**VOC-BTEX** Soil Aliquot Vol: uL Test:

ID: 0.18 Level: LOW GC Column: **DB-624UI** 

Prep Method:

Lab Sample ID:

File ID/Qc Batch: Dilution: Date Analyzed Prep Batch ID VV038991.D 1 08/21/25 19:18 VV082125

Qualifier **MDL** Units **CAS Number** Parameter Conc. LOQ / CRQL **TARGETS** 0.00015 71-43-2 Benzene U 0.00015 0.0010 mg/L 108-88-3 Toluene 0.00014 U 0.00014 0.0010 mg/L 100-41-4 Ethyl Benzene 0.00013 U 0.00013 0.0010 mg/L 179601-23-1 m/p-Xylenes 0.00024 U 0.00024 0.0020 mg/L 95-47-6 o-Xylene 0.00012 U 0.00012 0.0010 mg/L SURROGATES 17060-07-0 1.2-Dichloroethane-d4 50.8 74 - 125 102% SPK: 50 1868-53-7 Dibromofluoromethane 46.1 75 - 124 92% SPK: 50 2037-26-5 Toluene-d8 44.4 86 - 113 89% SPK: 50 460-00-4 4-Bromofluorobenzene 38.3 77 - 121 77% SPK: 50 INTERNAL STANDARDS Pentafluorobenzene 584000 4.6 363-72-4 1,4-Difluorobenzene 1020000 5.532 540-36-3 3114-55-4 Chlorobenzene-d5 897000 8.776 3855-82-1 1.4-Dichlorobenzene-d4 391000 11.175

U = Not Detected

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

#### **Report of Analysis**

Client: ATG-GREENVILLE AEC Date Collected: 08/20/25

Project: 1-4 Industry Drive - Waterford NY Date Received: 08/21/25

Client Sample ID: DA1-2 SDG No.: Q2930

Lab Sample ID: Q2930-02 Matrix: Water

Analytical Method: 8260D % Solid: 0

Sample Wt/Vol: 5 Units: mL Final Vol: 5000 uL

Soil Aliquot Vol: uL Test: VOC-BTEX

GC Column: DB-624UI ID: 0.18 Level: LOW

Prep Method:

File ID/Qc Batch: Dilution: Date Analyzed Prep Batch ID VV038992.D 1 08/21/25 19:40 VV082125

CAS Number	Parameter	Conc. Qualifier MDL		MDL	LOQ / CRQL	Units	
TARGETS							
71-43-2	Benzene	0.00015	U	0.00015	0.0010	mg/L	
108-88-3	Toluene	0.00014	U	0.00014	0.0010	mg/L	
100-41-4	Ethyl Benzene	0.00013	U	0.00013	0.0010	mg/L	
179601-23-1	m/p-Xylenes	0.00024	U	0.00024	0.0020	mg/L	
95-47-6	o-Xylene	0.00012	U	0.00012	0.0010	mg/L	
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.5		74 - 125	105%	SPK: 50	
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50	
2037-26-5	Toluene-d8	44.9		86 - 113	90%	SPK: 50	
460-00-4	4-Bromofluorobenzene	41.8		77 - 121	84%	SPK: 50	
INTERNAL STA	ANDARDS						
363-72-4	Pentafluorobenzene	605000	4.6				
540-36-3	1,4-Difluorobenzene	1110000	5.532				
3114-55-4	Chlorobenzene-d5	999000	8.776				
3855-82-1	1.4-Dichlorobenzene-d4	442000	11.175				

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

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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: Q2930

8/21/2025 12:25:20 PM OrderDate: ATG-GREENVILLE AEC Client: 1-4 Industry Drive - Waterford NY Project:

Staci Bruce Location: D21,VOA Ref. #3 Water Contact:

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2930-01	DA1-1	Water			08/20/25			08/21/25
			VOC-BTEX	8260-Low			08/21/25	
Q2930-02	DA1-2	Water			08/20/25			08/21/25
			VOC-BTEX	8260-Low			08/21/25	

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# В

С

# SAMPLE DATA

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Q2930-01

Lab Sample ID:

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

Matrix:

Water

#### **Report of Analysis**

Client: ATG-GREENVILLE AEC Date Collected: 08/20/25 14:25

Project: 1-4 Industry Drive - Waterford NY Date Received: 08/21/25

Client Sample ID: DA1-1 SDG No.: Q2930

% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	38.8		1	1.50	10.0	mg/L		08/22/25 11:36	SM 5220 D-11
Oil and Grease	2.43	J	1	0.29	5.00	mg/L		08/25/25 09:45	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



Q2930-02

Lab Sample ID:

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

Matrix:

Water

#### **Report of Analysis**

Client: ATG-GREENVILLE AEC Date Collected: 08/20/25 14:35

Project: 1-4 Industry Drive - Waterford NY Date Received: 08/21/25

Client Sample ID: DA1-2 SDG No.: Q2930

% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	45.9		1	1.50	10.0	mg/L		08/22/25 11:37	SM 5220 D-11
Oil and Grease	0.79	J	1	0.29	5.00	mg/L		08/25/25 09:45	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

Q2930



LAB CHRONICLE

Q2930 OrderID:

8/21/2025 12:25:20 PM OrderDate: Client: ATG-GREENVILLE AEC Project:

Staci Bruce Contact:

1-4 Industry Drive - Waterford NY D21, VOA Ref. #3 Water Location:

Sample Date **Prep Date** LabID ClientID Method **Anal Date** Matrix Test Received Q2930-01 08/21/25 08/20/25 DA1-1 Water 14:25 COD SM5220 D 08/22/25 11:36 Oil and Grease 1664A 08/25/25 09:45 Q2930-02 DA1-2 Water 08/20/25 08/21/25 14:35 COD SM5220 D 08/22/25 11:37 Oil and Grease 1664A 08/25/25 09:45

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# SHIPPING DOCUMENTS

Q2930 **19 of 22** 



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

Alliance Project Number: AEC-2025-0013

0 2930

CHAIN	OF	CUSTO	POY	REC	ORD
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COC Number:

COMPANY: Durham School Services Durham School				PROJECT INFORMATION PROJECT NAME: 656-4133 Goston						BILLING INFORMATION  BILL TO: candico coviness Qualianosto com. Struce										
																				ADDRESS: OTTOKON Lane 124 INDUSTRY DVIVE
CITY White Plains NOTE IN TO STATE IN THY ZIP: ATTENTION: daniel meelout calliancets.com.											CITY: STATE: ZIP:									
				E-MAIL:							ATTENTION: PHONE:									
PHONE: Staci. bruceallacety.com  DATA TURNAROUND INFORMATION			PHONE:864-704-7984 FAX: DATA DELIVERABLE INFORMATION						ANALYSIS											
															CLIS					
FAX. DAYS* HARD COPY: DAYS* EDD DAYS* * TO BE APPROVED BY ALLIANCE			D RESEULTS ONLY D USEPA CLP RESULTS + QC New York State ASP "8" New Jersey REDUCED New York State ASP "A" New Jersey CLP C Other					Total OG	TSS	Cadmium	Copper	Lead	FC	Enteroccocus	VOA	COD				
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		1						2	3	4	5	6	7	8	8					
				☐ EDD Format						112		P	RESE	RVA	TIVE	S			COMMENTS	
CHEMTECH SAMPLE IO	PROJECT			SAMPLE	SAMPLE		SAMPLE		Bottles										Specify Preservatives A-HCI B-HNO3	
	SAMP	LE (DEN	TIFICATION	MATRIX	COMP	GRAB	DATE	TIME	# Of B	1	2 3		4	5	6	7	8	9	C-H2SO4 D-NaOH E-ICE F-Other	
1.	DA	-	1	Liquid		M	8/20/2	14:28	5	V							3		DH 1.0 KBOA0441	
2.	PA	-	2	Liquid		K	8 70 25	14:36	5	ī							3	1	-	
3.																				
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B.																				
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RELINQUISHED BY  RELINQUISHED BY	SAMPLER DAT	ILS 115 21/25 TECHME	a RECEIVED BY		Cond	itions	of bottler ction requ	s or cooler ires an edd	s at rec	elpt:	_			_		omplia	ent	□ Coc	ce in Cooler?	
RELINQUISHED BY DATE TIME RECEIVED FOR LAB BY 3. WHATE - ALLIANCE COPY				DAS BY	Page of ALLI												Shipment Complete			



# Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
	222.42
New Jersey	20012
New York	11376
New Tork	11070
Pennsylvania	68-00548
,	
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

Fax: 908 789 8922

### LOGIN REPORT/SAMPLE TRANSFER

Order ID: Q2930

ATGG01

Order Date: 8/21/2025 12:25:20 PM

Project Mgr:

Client Name: ATG-GREENVILLE AEC

Project Name: 1-4 Industry Drive - Waterfa

Report Type: Level 1

Client Contact: Staci Bruce

Invoice Contact: Staci Bruce

Receive DateTime: 8/21/2025 11:59:00 AM

EDD Type: Excel NY

Invoice Name: ATG-GREENVILLE AEC

Purchase Order:

Hard Copy Date:

Date Signoff:

LAB ID	CLIENT ID	MATRIX SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX	DATE	DUE
Q2930-01	DA1-1	Water 08/20/2025							DATES
				VOC-BTEX		8260-Low	10 Bus. Days		
Q2930-02	DA1-2	Water 08/20/2025	14:35	VOC-BTEX		8260-Low	10 Bus. Days		

stoled my DA Stoled my DA

Relinguished By:

Date / Time:

Received By:

Date / Time:

Storage Area: VOA Refridgerator Room

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Q2930

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