

DATA PACKAGE

SUB - DATA

PROJECT NAME: HALOGENS

PARADIGM ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue

Rochester, NY - 14608

Phone No: (585) 647-2530

ORDER ID: Q2713

ATTENTION: Quintin McCooey





Q2713 1 of 15





Cover Page

Order ID: Q2713

Project ID: Halogens

Client: Paradigm Environmental Services, Inc.

Lab Sample Number Client Sample Number

Q2713-01 OWS-TANK

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:

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:40 am, Aug 08, 2025

NYDOH CERTIFICATION NO - 11376 NJDEP CERTIFICATION NO - 20012

8/8/2025

Date:

Q2713 2 of 15



Order No.: 25080228

August 07, 2025

Yazmeen Gomez ATG - NEWARK LAB 284 Sheffield Street Mountainside, NJ 07092

TEL: FAX:

RE: Q2713

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 1 sample(s) on 7/30/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Holly Florea

Project Manager

3310 Win St.

Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C

Q2713 3 of 15



Case Narrative

WO#: **25080228**Date: **8/7/2025**

CLIENT: ATG - NEWARK LAB

Project: Q2713

WorkOrder Narrative:

This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence Sample Notes:

25080228-001A TOX NPW(9020): Analyst diluted sample due to matrix interference (oily)

Original

Q2713 4 of 15



Alliance Technical Group - Akro

3310 Win S Cuvahoga Falls, Ohio 4422

TEL: (330) 253-8211 FAX: (330) 253-448
Website: http://www.settek.co.

Qualifiers and Acronyms

WO#: **25080228**Date: **8/7/2025**

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

The combound was analyzed for our was not detected above the Mid-	U	The compound was analyzed for but was not detected above the MDL.	
---	---	---	--

- J The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
- H The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
- **D** The result is reported from a dilution.
- E The result exceeded the linear range of the calibration or is estimated due to interference.
- MC The result is below the Minimum Compound Limit.
- * The result exceeds the Regulatory Limit or Maximum Contamination Limit.
- **m** Manual integration was used to determine the area response.
- d Manual integration in which peak was deleted
- N The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
- P The second column confirmation exceeded 25% difference.
- C The result has been confirmed by GC/MS.
- X The result was not confirmed when GC/MS Analysis was performed.
- B The analyte was detected in the Method Blank at a concentration greater than the RL.

 MB+ The analyte was detected in the Method Blank at a concentration greater than the MDL.
- G The ICB or CCB contained reportable amounts of analyte.
- QC-/+ The CCV recovery failed low (-) or high (+).
- **R/QDR** The RPD was outside of accepted recovery limits.
- QL-/+ The LCS or LCSD recovery failed low (-) or high (+).
- **QLR** The LCS/LCSD RPD was outside of accepted recovery limits.
- QM-/+ The MS or MSD recovery failed low (-) or high (+).
- QMR The MS/MSD RPD was outside of accepted recovery limits.
- **OV-/+** The ICV recovery failed low (-) or high (+).
- S The spike result was outside of accepted recovery limits.
- W Samples were received outside temperature limits $(0^{\circ} 6^{\circ} \text{ C})$. Not Clean Water Act compliant.
- **Z** Deviation; A deviation from the method was performed; Please refer to the Case Narrative for
 - additional information

Acronyms

ND	Not Detected	\mathbf{RL}	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor
	· -		= =

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.

Original

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Workorder Sample Summary

WO#: **25080228 07-Aug-25**

Water

CLIENT: ATG - NEWARK LAB

Project: Q2713

Lab SampleIDClient Sample IDTag NoDate CollectedDate ReceivedMatrix25080228-001OWS-TANK7/25/2025 1:30:00 AM7/30/2025 10:15:00 AMNon-Potable

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DATES REPORT

WO#: **25080228**

07-Aug-25

Client: ATG - NEWARK LAB

Project: Q2713

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25080228-001A	OWS-TANK	7/25/2025 1:30:00 AM	Non-Potable Wat	er Total Organic Halides (TOX) (9020)		8/7/2025 8:00:00 AM

Original



Alliance Technical Group - Akron

3310 Win St.

Cuyahoga Falls, Ohio 44223 TEL: (330) 253-8211 FAX: (330) 253-4489

Website: http://www.settek.com

WO#: **25080228**

Date Reported: 8/7/2025

Company: ATG - NEWARK LAB

Address: 284 Sheffield Street

Mountainside NJ 07092

Received: 7/30/2025

Project#: Q2713

Client ID#	Lab ID#(Collected	Analyte	Result Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
OWS-TANK	001	7/25/2025 To	tal Organic Halides	ND mg/L	U	Non-Potable Water	EPA 9020	10	0.0880	1.00	8/7/2025	KMS

Q2713 8 of 15



NY

Accreditation Program Analytes Report

WO#: **25080228**

07-Aug-25

Client: ATG - NEWARK LAB State:

Project: Q2713 Program: NY_DW_WW_SCM_NELAP

Test Name	Matrix	Analyte	Status
Total Organic Halides (TOX) (9020)	Non-Potable Water	Total Organic Halides	A

Accreditation (A	Acc.) Status Key
A: Accredited	N: Not Accredited
P: Provisional	U: Unavailable

Page 1 of 1 Version #1

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QC SUMMARY REPORT

WO#:

25080228

07-Aug-25

Client: ATG - NEWARK LAB

O2713 Project. RatchID: R214034

Project: Q2/13			Batchid: 1	R214034
Sample ID: MB-R214034	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 214034
Client ID: BatchQC	Batch ID: R214034	TestNo: SW9020	Analysis Date: 8/7/2025	SeqNo: 5716708
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Organic Halides	ND	0.100		U
Sample ID: LCS-R214034	SampType: LCS	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 214034
Client ID: BatchQC	Batch ID: R214034	TestNo: SW9020	Analysis Date: 8/7/2025	SeqNo: 5716709
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Organic Halides	0.194	0.100 0.2000 0	97.0 80 120	
Sample ID: 25071243-002AMS	SampType: MS	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 214034
Client ID: BatchQC	Batch ID: R214034	TestNo: SW9020	Analysis Date: 8/7/2025	SeqNo: 5716726
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Total Organic Halides	10.6	1.00 10.00 0.5780	100 80 120	

Sample ID: 25071243-002AMSD Client ID: BatchQC	SampType: MSD Batch ID: R214034		le: TOX_NPW lo: SW9020	/(90 Units: mg/L		Prep Dat Analysis Dat		5	RunNo: 214034 SeqNo: 5716727		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	10.3	1.00	10.00	0.5780	97.7	80	120	10.62	2.56	20	

Н Holding times for preparation or analysis exceeded Qualifiers:

Sample container temperature is out of limit as specified at testcode

Manual Integration used to determine area response

Reporting Detection Limit

Not Detected

Samples with CalcVal < MDL

Original

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TestNo: SW9020

QC SUMMARY REPORT

WO#: **25080228**

SeqNo: 5716727

07-Aug-25

Client: ATG - NEWARK LAB

BatchQC

Client ID:

Project: Q2713 BatchID: R214034

Sample ID: 25071243-002AMSD SampType: MSD TestCode: TOX_NPW(90 Units: mg/L Prep Date: RunNo: 214034

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers: H Holding times for preparation or analysis exceeded

PL Permit Limit

W Sample container temperature is out of limit as specified at testcode

Batch ID: R214034

Manual Integration used to determine area response

RL Reporting Detection Limit

ND Not Detected

Analysis Date: 8/7/2025

U Samples with CalcVal < MDL

Original

Q2713

CHAIN OF CUSTODY

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CHAIN OF CUSTODY RECORD ANIMONIA TENENT

284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax (908) 789-8922

2208052

WWW.CHEMTECH.NET

Sub Lab INFORMATION	CLIENT PROJEC	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION	
COMPANY : Alliance Technical Group - Akron	ORDER ID : Q2713		BILL TO: CHEMTECH PO#: q2713	
ADDRESS : 3310 Win Street	PROJECT ID: Halogens		ADDRESS: 284, Sheffield Street	a de la companya de l
CITY:Cuya hoga Fal State :OH ZIP :44223	PROJECT MANAGER YAZMEEN	EEN	CITY: Mountainside State: NJ ZII	ZIP: 07092
E-mail :jennifer.woolf@alliancetg.com	E-mail : yazmeen.	yazmeen.gomez@alliancetg.com	ATTENTION :YAZMEE	-
PHONE :3:30-253-8211	PHONE: (908) 789 8900	FAX: (908) 789 8922	PHONE: (908) 789 8900 FAX: (908) 789 8922	789 8922

# 0F	BOTTLES	п
LLECTION	TIME	01:30:00
SAMPLE COLLECTION	DATE	07/25/2025
Method		9020
Preservative		Conc H2SO4 to pH < 2
ANALYSIS		TOX
SAMPLE	MATRIX	Water
CLIENT	SAMPLE IDENTIFICATION	da Ows-Tank
	1	Pæ

NY. GRAB.

Comment:

Report: Level 1

EDD: EXCEL NJCLEAN

TAT

2

Shipment Complete: Ice or Cooler? Cooler Temp □ YES ☐ Non Compliant OVERNIGHT OVERNIGHT SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY ☐ Compliant Conditions of bottles or Coolers at receipt: Page 1 of 1 RECEIVED BY: RECEIVED BY: RECEIVED BY: ۲, PATETIME: DATETIME: DATETIME: RELINQUIESHED BY SAMPLER: RELINQUIESHED BY: RELINQUIE SHED BY: ĸ.

<u>8</u>

INVOICE TO:

(of/



CHAIN OF CUSTODY

REPORT TO:

11777

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Sample Log-In Check List

Client Name:		CHE-NJ-07972		2	Work Order Number:			25080228			RcptNo: 1	
Logg	jed by:	Chri	stina N. C	Gemma	7/30/2025 10:1	15:00 AM			C.	Ceur	Wal Wal 1 Mu	
Com	pleted By:	Chri	stina N. C	Gemma	8/5/2025 11:27	7:07 AM			C.	Cour	wa	
Revi	ewed By:	Jeni	nifer Woo	lf	8/6/2025 11:13	3:00 AM				Jamik	1 MM	hear
Cha	in of Cus	stod	<u>V</u>									
1.	Is Chain of	Custo	ody compl	ete?			Yes		N	o 🗸	Not Present	: 🔲
2.	How was th	ne sar	nple delive	ered?			<u>UPS</u>					
Log	In											
	Coolers are	e pres	ent?				Yes	✓	N	o 🗌	NA	
4.	Shipping co	ontain	er/cooler i	n good condition	1?		Yes	✓	N	o 🗌		
	Custody seals intact on shipping container/cooler?						Yes	es 🗌 No 🗌 Not Present 🗹 NA 🗍				
	No.			Seal Date:			Sign	ed By:				
5.	Was an att	empt	made to c	ool the samples	?		Yes	✓	N	o 🗌	NA	
6.	Were all sa	ample	s received	at a temperatur	e of >0° C to 6.0	0°C	Yes	✓	N	o 🗆	NA	. 🗆
7	Sample(s)	in pro	per contai	ner(s)?			Yes	✓	N	o 🗌		
				or indicated test	(s)?		Yes	✓	N	o 🗌		
				and ONG) prope			Yes	✓	N	o 🗌		
_	Was prese						Yes		N	o 🗸	NA	
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	Is the headspace in the VOA vials less than 1/4 inch Were any sample containers received broken?					1111?	Yes Yes			lo	lo VOA Vials	
	2. Were any sample containers received bro 3. Does paperwork match bottle labels?				CIT		Yes	✓				
_	B. Does paperwork match bottle labels? Yes ✓ No ☐ (Note discrepancies on chain of custody)							0 🗀				
14.	Are matrices correctly identified on Chain of Custody?						Yes	✓	N	o 🗌		
15.	Is it clear what analyses were requested?						Yes		N	o 🗌		
	Were all holding times able to be met? (If no, notify customer for authorization.)							✓	N	o 📙		
	cial Hand	•		,								
				screpancies with	this order?		Yes		N	o 🗌	NA	. ✓
	Perso	n Not	ified:			Date:						
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Coole	r Informati	<u>ion</u>										
	Cooler	No	Temp °	C Condition	Seal Intact	Seal	No	Seal [Date	Signed By	7	

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