



*Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>*

July 15, 2025

Yazmeen Gomez
ATG - NEWARK LAB
284 Sheffield Street
Mountainside, NJ 07092
TEL:
FAX:
RE: Q2438

Order No.: 25070062

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 1 sample(s) on 6/27/2025 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,

A handwritten signature in black ink that reads "Jennifer Woolf". The signature is written in a cursive, flowing style.

Jennifer Woolf
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



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Case Narrative

WO#: 25070062
Date: 7/15/2025

CLIENT: ATG - NEWARK LAB

Project: Q2438

WorkOrder Narrative:

25070062: 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.

WorkOrder Comments:

Samples were received outside of temperature compliance (0-6°C).

Analytical Sequence Sample Notes:

25070062-001A TOX_NPW(9020): Sample was received not meeting proper temperature requirements.

Original

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

Qualifiers

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.
QV-/+	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° – 6° 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	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.



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Workorder
Sample Summary
WO#: **25070062**
15-Jul-25

CLIENT: ATG - NEWARK LAB
Project: Q2438

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25070062-001	DIAMOND-PERFORMED-METALS		6/25/2025 11:05:00 AM	6/27/2025 10:10:00 AM	Non-Potable Water



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DATES REPORT

WO#: 25070062
15-Jul-25

Client: ATG - NEWARK LAB

Project: Q2438

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25070062-001A	DIAMOND- PERFORMED-METALS	6/25/2025 11:05:00 AM	Non-Potable Water	Total Organic Halides (TOX) (9020)			7/14/2025 8:00:00 AM

Original



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WO#: 25070062
Date Reported: 7/15/2025
Company: ATG - NEWARK LAB
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 6/27/2025
Project#: Q2438

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
DIAMOND-PERFORMED-METALS	001	6/25/2025	Total Organic Halides	33.6	mg/L	W	Non-Potable Water	EPA 9020	50	0.440	5.00	7/14/2025	KMS



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Accreditation Program
Analytes Report
WO#: 25070062
15-Jul-25

Client: ATG - NEWARK LAB
Project: Q2438

State: NY
Program Name: NY_DW_WW_SC
M_NELAP

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



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QC SUMMARY REPORT

WO#: 25070062

15-Jul-25

Client: ATG - NEWARK LAB

Project: Q2438

BatchID: R212414

Sample ID: MB-R212414	SampType: MBLK	TestCode: TOX_NPW(90) Units: mg/L	Prep Date:	RunNo: 212414							
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020	Analysis Date: 7/14/2025	SeqNo: 5676708							
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-R212414	SampType: LCS	TestCode: TOX_NPW(90) Units: mg/L	Prep Date:	RunNo: 212414							
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020	Analysis Date: 7/14/2025	SeqNo: 5676709							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	0.190	0.100	0.2000	0	95.0	80	120				

Sample ID: 25070044-001AMS	SampType: MS	TestCode: TOX_NPW(90) Units: mg/L	Prep Date:	RunNo: 212414							
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020	Analysis Date: 7/14/2025	SeqNo: 5678621							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	8.99	1.00	8.000	0.4420	107	80	120				

Sample ID: 25070044-001AMSD	SampType: MSD	TestCode: TOX_NPW(90) Units: mg/L	Prep Date:	RunNo: 212414							
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020	Analysis Date: 7/14/2025	SeqNo: 5678622							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	9.58	1.00	8.000	0.4420	114	80	120	8.992	6.33	20	

Qualifiers: H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits M Manual Integration used to determine area response
 ND Not Detected PL Permit Limit RL Reporting Detection Limit
 U Samples with CalcVal < MDL W Sample container temperature is out of limit as specified at testcode



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QC SUMMARY REPORT

WO#: 25070062
 15-Jul-25

Client: ATG - NEWARK LAB
Project: Q2438

BatchID: R212414

Sample ID: 25070044-001AMSD	SampType: MSD	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678622
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: MB-R212414	SampType: MBLK	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678626
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: MB-R212414	SampType: MBLK	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678628
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: 25070309-001AMS	SampType: MS	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678632
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Total Organic Halides	8.58	1.00	8.000	0.1300	106 80 120

Qualifiers: H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits M Manual Integration used to determine area response
 ND Not Detected PL Permit Limit RL Reporting Detection Limit
 U Samples with CalcVal < MDL W Sample container temperature is out of limit as specified at testcode



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QC SUMMARY REPORT

WO#: 25070062
 15-Jul-25

Client: ATG - NEWARK LAB
Project: Q2438

BatchID: R212414

Sample ID: 25070309-001AMSD	SampType: MSD	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414						
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678633						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	8.68	1.00	8.000	0.1300	107	80	120	8.584	1.07	20	

Sample ID: MB-R212414	SampType: MBLK	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414						
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678640						
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: MB-R212414	SampType: MBLK	TestCode: TOX_NPW(90)	Units: mg/L	Prep Date:	RunNo: 212414						
Client ID: BatchQC	Batch ID: R212414	TestNo: SW9020		Analysis Date: 7/14/2025	SeqNo: 5678643						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	ND	0.100									U

Qualifiers: H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits M Manual Integration used to determine area response
 ND Not Detected PL Permit Limit RL Reporting Detection Limit
 U Samples with CalcVal < MDL W Sample container temperature is out of limit as specified at testcode

25070062

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY : Alliance Technical Group - Akron		ORDER ID : Q2438		BILL TO: CHEMTECH PO# : q2438	
ADDRESS : 3310 Win Street		PROJECT ID: Halogens		ADDRESS : 284, Sheffield Street	
CITY: Cuyahoga Fal State : OH ZIP : 44223		PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092	
E-mail : jennifer.woolf@alliancetg.com		E-mail : yazmeen.gomez@alliancetg.com		ATTENTION : YAZMEE	
PHONE : 330-253-8211		PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900	FAX : (908) 789 8922

EDD : EXCEL NJCLEAN	Report : Level 1	Comment : GRAB, STATE- NY.
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ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	DIAMOND-PERFORMED-METALS	Water	TOX	Conc H2SO4 to pH < 2	9020	06/25/2025	11:05:00	1	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY						
RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	<input type="checkbox"/> Compliant	<input type="checkbox"/> Non Compliant	Cooler Temp _____ Ice or Cooler? _____
1.		1. <i>[Signature]</i>	6/27/25 1010			
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	UPS			
2.		2.	22.4-0.1 = 22.3			
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	Page 11 of 13 Page 1 of 1	<input type="checkbox"/> OVERNIGHT	<input type="checkbox"/> OVERNIGHT	Shipment Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO
3.		3.				



CHAIN OF CUSTODY

1 of 1

11777

REPORT TO:

INVOICE TO:

CLIENT: Paradigm Environmental Services ADDRESS: 179 Lake Avenue CITY: Rochester STATE: NY ZIP: 14608 PHONE:	CLIENT: Same ADDRESS: CITY: STATE: ZIP: PHONE:		
ATTN: Reporting		ATTN: Accounts Payable	Quotation #:
PROJECT REFERENCE		Email: please email reports to reporting@paradigmenv.com	
Matrix Codes: AQ - Aqueous Liquid WA - Water DW - Drinking Water SO - Soil SD - Solid WP - Wipe OL - Oil NQ - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge PT - Paint CK - Caulk AR - Air			

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX	COUNTAINERS OF	Total Helogens											REMARKS	PARADIGM LAB SAMPLE NUMBER
6/25/25	11:05		X	Diamond Performed Metals	AQ	1	X											252862-01	
																		Needs New York State Certification	
																		Send copy of chain of custody with report.	

Turnaround Time	Report Supplements		
Availability contingent upon lab approval; additional fees may apply.			
Standard 5 day <input type="checkbox"/>	None Required <input type="checkbox"/>	None Required <input type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>	Basic EDD <input type="checkbox"/>	
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>	NYSDEC EDD <input type="checkbox"/>	
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>		
Rush 1 day <input type="checkbox"/>			
Other <input type="checkbox"/> <small>please indicate date needed</small>	Other <input type="checkbox"/> <small>please indicate package needed</small>	Other EDD <input type="checkbox"/> <small>please indicate EDD needed</small>	
<u>Standard</u>			

Sampled By <u>[Signature]</u>	Date/Time <u>6/25/25 16:00</u>
Relinquished By <u>[Signature]</u>	Date/Time <u>6/27/25 1010 UPS</u>
Received By <u>[Signature]</u>	Date/Time <u>22.4-0.1 = 22.3</u>
Received @ Lab By	Date/Time

Total Cost:

P.I.F.

Sample Log-In Check List

Client Name: **CHE-NJ-07972**

Work Order Number: **25070062**

RcptNo: **1**

Logged by:	Spencer M. Hartwell	6/27/2025 10:10:00 AM	<i>Spencer M. Hartwell</i>
Completed By:	Spencer M. Hartwell	7/1/2025 2:59:48 PM	<i>Spencer M. Hartwell</i>
Reviewed By:	Jennifer Woolf	7/2/2025 11:49:03 AM	<i>Jennifer M. Woolf</i>

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
- Custody seals intact on shipping container/cooler? Yes No Not Present NA
- No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes No NA
6. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- waiting on client**
7. Sample(s) in proper container(s)? Yes No
8. Sufficient sample volume for indicated test(s)? Yes No
9. Are samples (except VOA and ONG) properly preserved? Yes No
10. Was preservative added to bottles? Yes No NA
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No No VOA Vials
12. Were any sample containers received broken? Yes No
13. Does paperwork match bottle labels? Yes No
- (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes No
15. Is it clear what analyses were requested? Yes No
16. Were all holding times able to be met? Yes No
- (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:
 Headspace

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	22.3	Good	Not Present			