

DATA PACKAGE

SUB-DATA

PROJECT NAME: NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.
661 Andersen Drive
Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID: Q2253

ATTENTION: Ernie Wu







Cover Page

Order ID: Q2257

Project ID: Halogens

Client: Paradigm Environmental Services, Inc.

Lab Sample Number Client Sample Number

Q2257-01 5835-SUCCESS-DRIVE

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 12:18 pm, Jun 17, 2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

6/16/2025

Date:

Q2257 2 of 15



June 12, 2025

PM

ATG - NEWARK LAB 284 Sheffield Street Mountainside, NJ 07092

TEL: FAX:

RE: Q2257

Dear PM: Order No.: 25060341

Alliance Technical Group - Akron received 1 sample(s) on 6/5/2025 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.

miles Melecel

Sincerely,

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



Case Narrative

WO#: **25060341**Date: **6/12/2025**

CLIENT: ATG - NEWARK LAB

Project: Q2257

WorkOrder Narrative:

25060341: 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.

Original

Q2257 4 of 15



Alliance Technical Group - Akra 3310 Win S

Cuyahoga Falls, Ohio 4422 TEL: (330) 253-8211 FAX: (330) 253-448 Website: http://www.settek.co

Qualifiers and Acronyms

WO#: **25060341**Date: **6/12/2025**

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

Qualifiers

The compound was analyzed for but was not detected above the N	e 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 ($0^{\circ} 6^{\circ}$ 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#: **25060341**

12-Jun-25

CLIENT: ATG - NEWARK LAB

Project: Q2257

Lab SampleIDClient Sample IDTag NoDate CollectedDate ReceivedMatrix25060341-0015835-SUCCESS-DRIVE6/2/2025 1:00:00 PM6/5/2025 10:00:00 AMNon-Potable Water

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DATES REPORT

WO#: **25060341**

12-Jun-25

Client: ATG - NEWARK LAB

Project: Q2257

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name		Leachate Date	Prep Date	Analysis	s Date
25060341-001A	5835-SUCCESS-DRIVE	6/2/2025 1:00:00 PM	Non-Potable Wat	er Total Organic Halides	s (TOX) (9020)			6/11/2025 8:00:0	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#: **25060341**

Date Reported: 6/12/2025

Company: ATG - NEWARK LAB

Address: 284 Sheffield Street

Mountainside NJ 07092

Received: 6/5/2025

Project#: Q2257

Client ID#	Lab ID# Collecte	ed Analyte	Result Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
5835-SUCCESS-DRIVE	001 6/2/202	5 Total Organic Halides	0.529 mg/L		Non-Potable Water	EPA 9020	5	0.0440	0.500	6/11/2025	KMS

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Accreditation Program Analytes Report

WO#: **25060341**

12-Jun-25

Client: ATG - NEWARK LAB State: NY

Project: Q2257 Program Name: NY_DW_WW_SC

 $\bar{M_NELAP}$

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#:

25060341 12-Jun-25

Client: ATG - NEWARK LAB

Q2257 **Project: BatchID:** R210441

Sample ID: MB-R210441	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L			Prep Da	ite:		RunNo: 21 (
Client ID: BatchQC	Batch ID: R210441	TestN	lo: SW9020		Analysis Da	ite: 6/11/20	SeqNo: 5627826			
Analyte	Result	PQL	SPK value SPK Ref	/al %REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	ND	0.100								U

Sample ID: LCS-R210441	SampType: LCS	TestCode: TOX_NPW(90 Units: mg/L		Prep Date:				RunNo: 210			
Client ID: BatchQC	Batch ID: R210441	TestN	lo: SW9020			Analysis Da	te: 6/11/20	25	SeqNo: 562	27827	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	0.196	0.100	0.2000	0	98.0	80	120				

Sample ID: 25060308-001AMS	SampType: MS	TestCode: TOX_NPW(90 Units: mg/L				Prep Da	te:	RunNo: 21	RunNo: 210441		
Client ID: BatchQC	Batch ID: R210441	TestNo: SW9020				Analysis Da	te: 6/11/2025	SeqNo: 56			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	8.68	1.00	10.00	0.1340	85.4	80	120				

Sample ID: 25060308-001AMSD	SampType: MSD	TestCod	le: TOX_NPW	/(90 Units: mg/L		Prep Dat	te:		RunNo: 210	0441	
Client ID: BatchQC	Batch ID: R210441	TestN	lo: SW9020			Analysis Dat	te: 6/11/20	25	SeqNo: 562	27834	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	9.48	1.00	10.00	0.1340	93.5	80	120	8.676	8.86	20	

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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QC SUMMARY REPORT

WO#:

25060341

12-Jun-25

Client: ATG - NEWARK LAB

Q2257 **Project: BatchID:** R210441

Sample ID: 25060308-001AMSD SampType: MSD TestCode: TOX NPW(90 Units: mg/L Prep Date: RunNo: 210441

Client ID: BatchQC Batch ID: R210441 TestNo: SW9020 Analysis Date: 6/11/2025 SeqNo: 5627834

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

Sample ID: MB-R210441 Client ID: BatchQC	SampType: MBLK Batch ID: R210441	TestCode: TO TestNo: SV	DX_NPW(90 Units: mg/L N9020		Prep Dat Analysis Dat	te: 6/11/2025	RunNo: 210 SeqNo: 562		
Analyte	Result	PQL SPK	K value SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Halides	ND	0.100							U

Sample ID: MB-R210441	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 210441
Client ID: BatchQC	Batch ID: R210441	TestNo: SW9020	Analysis Date: 6/11/2025	SeqNo: 5627841
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual

U **Total Organic Halides** ND 0.100

Sample ID: 25060335-003AMS	SampType: MS	TestCode: TOX_NPW(90 Units: mg/L		Prep Date:				RunNo: 21 0				
Client ID: BatchQC	Batch ID: R210441	TestN	TestNo: SW9020			Analysis Date: 6/11/2025				SeqNo: 5627845		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Total Organic Halides	10.5	1.00	10.00	0.2720	102	80	120					

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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QC SUMMARY REPORT

WO#:

25060341

12-Jun-25

Client: ATG - NEWARK LAB

Project: Q2257 BatchID: R210441

Sample ID: 25060335-003AMSD	SampType: MSD	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 210441		
Client ID: BatchQC	Batch ID: R210441	TestNo: SW9020	Analysis Date: 6/11/2025	SeqNo: 5627846		
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual		
Total Organic Halides	8.68	1.00 10.00 0.2720	84.1 80 120 10.47	18.7 20		
Sample ID: MB-R210441	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 210441		
Client ID: BatchQC	Batch ID: R210441	TestNo: SW9020	Analysis Date: 6/11/2025	SeqNo: 5627853		
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-R210441	SampType: MBLK	TestCode: TOX_NPW(90 Units: mg/L	Prep Date:	RunNo: 210441		
Client ID: BatchQC	Batch ID: R210441	TestNo: SW9020	Analysis Date: 6/11/2025	SeqNo: 5627856		
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 Limi

Total Organic Halides

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

ND

0.100

Manual Integration used to determine area response

RL Reporting Detection Limit

ND Not Detected

U Samples with CalcVal < MDL</p>

Original

U



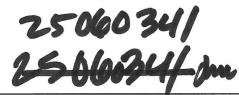
CHAIN OF CUSTODY

25060341

PAR	RADIG	M				REPORT	гто:							INVO	- DICE T		L			J	and the second	777
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				ADDRESS:	179 Lak	79 Lake Avenue					ADDRESS:											
1				CITY: Roc	hester	STA	TE: NY	ZIP	14608	CITY:	CITY: STATE: ZIP: Quotation					ation	#:					
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PROJECT REFERENCE ATTN Reporting						Accounts Payable									reporting@paradigmenv.com							
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DATE COLLECTED	TIME	C O M P O S	G R A B	SAMPLE IDENTIFIER			ē R		M C O D R E S X	SAMELATOO									REMARKS		PARADIGM LAB SAMPLE NUMBER	
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284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax (908) 789-8922 WWW.CHEMTECH.NET



CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJEC	CT INFORMATION	CLIENT BILLING INFORMATION				
COMPANY: Alliance Technical Group - Akron	BILL TO: CHEMTECH	PO# : q2257					
ADDRESS: 3310 Win Street	ADDRESS: 284, Sheffield Street						
CITY:Cuyahoga Fal State :OH ZIP :44223	PROJECT MANAGER YAZMI	EEN	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 NOCLEAN Report: Level 1 Comment: GRAB SAMPLE. STATE - NY.

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE CO	# OF BOTTLES	TAT DAYS	
01	5835	Water	тох	Conc H2SO4 to pH < 2	9020	06/02/2025	13:00:00	1	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY									
RELINQUIESHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	□ Compliant	□ Non Compliant	Cooler Temp 3,90			
1.		1.				Ice or Cooler?			
RELINQUIESHED BY:	DATETIME:	RECEIVED BY:	r						
2.		2.	teotex 4.0-2.	1=3.9					
RELINQUIESHED BY:	DATETIME: (0:00	RECEIVED TO LOCAL	Page 11 of 13		□ OVERNIGHT	Shipment Complete:			
3.	6/5/25	B. 0	Page 1 of 1		□ OVERNIGHT	□ _{YES} □ _{NO}			



Sample Log-In Check List

Clie	nt Name:	CHE-NJ-07972		Work Order N	lumber: 25	06034	1			RcptNo: 1			
Log	ged by:	Spencer M. Har	rtwell	6/5/2025 10:00):00 AM		,	Spence W	1. Hentu	velo			
Con	npleted By:	Tegan A. Richa	irds	6/5/2025 2:47:	31 PM		1	Spewen M (egam Pri Jam	ichoole				
Rev	viewed By:	Jennifer Woolf	(6/6/2025 7:16:	43 PM			Jom	iks ,	mure	as L		
Cha	in of Cus	stody										_	
		Custody complet	e?			Yes [/	No 🗌	Not	Present [
2.	How was th	ne sample deliver	ed?			<u>FedEx</u> Trackii	ng No.: 8	817804182	<u>22</u>				
<u>Log</u>	<u>In</u>					_	_			_	_		
3.	Coolers are	e present?				Yes		No 🗌		NA			
4	Shipping co	ontainer/cooler in	good condition?			Yes [/	No 🗌					
•		eals intact on ship	_			Yes		No \square	Not	Present			
	No.		Seal Date:		S	igned	l By:						
5.	Was an att	empt made to co	ol the samples?			Yes		No 🗌		NA [
6.	Were all sa	amples received a	at a temperature	of >0° C to 6.0)°C	Yes [No 🗆		NA 🗆			
7.	Sample(s)	in proper containe	er(s)?			Yes [/	No 🗌					
8.	Sufficient s	ample volume for	r indicated test(s)?		Yes [/	No 🗌					
9.	Are sample	es (except VOA a	nd ONG) proper	y preserved?		Yes [/	No \square					
10.	Was prese	rvative added to b	oottles?			Yes [No 🗸		NA [
11.	Is the head	Ispace in the VOA	A vials less than	1/4 inch or 6 m	ım?	Yes [No 🗌	No V	OA Vials 🛚			
12.	Were any s	sample containers	s received broke	n?		Yes		No 🗹					
13.		rwork match bottle epancies on chair				Yes		No 🗌					
14.	Are matrice	es correctly identi	fied on Chain of	Custody?		Yes [/	No 🗌					
15.	Is it clear w	hat analyses wer	e requested?			Yes [/	No 🗌					
16.		olding times able t y customer for au				Yes [/	No 🗌					
Spe	ecial Hand	dling (if applie	cable)										
_		notified of all disc	-	his order?		Yes [No 🗌		NA 🕨			
	Perso	n Notified:			Date:			ĺ					
	By WI	hom:			Via:	eMail	Pho	one 🗌 Fax	☐ In F	Person			
	Regar	rding:											
	Client	Instructions:											
18.	Additional r	remarks:											
	er Informati												
	Cooler	No Temp °C	Condition	Seal Intact	Seal No	o S	eal Dat	e Signe	d By				
	1	3.9	Good	Not Present									

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