

DATA PACKAGE

SUB-DATA

PROJECT NAME : SHORT HILLS - DRINKING WATER

HOMEOWNER

284 Sheffield Street

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q3602

ATTENTION : Abe Nabatian



Cover Page

Order ID : Q3602

Project ID : Short Hills - Drinking Water

Client : Homeowner

Lab Sample Number

Q3602-01

Client Sample Number

SHORT-HILLS-DW

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 : _____



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

December 03, 2025

Yazmeen Gomez
ATG - NEWARK LAB
284 Sheffield Street
Mountainside, NJ 07092
TEL:
FAX:
RE: Q3602

Order No.: 25110794

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 2 sample(s) on 11/12/2025 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, appearing to read "Jennifer Woolf", is written over a faint, light gray rectangular background.

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#: 25110794
Date: 12/3/2025

CLIENT: ATG - NEWARK LAB

Project: Q3602

WorkOrder Narrative:

25110794: 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:

Alliance Technical Group - Akron does not hold certification in the state of NJ which may or may not provide accreditation for 226 & U.

Revision v1

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#: 25110794
03-Dec-25

CLIENT: ATG - NEWARK LAB
Project: Q3602

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25110794-001	SHORT-HILLS-DW		11/10/2025 1:10:00 PM	11/12/2025 10:40:00 AM	Drinking Water
25110794-002	SHORT-HILLS-DW		11/10/2025 1:10:00 PM	11/12/2025 10:40:00 AM	Drinking Water



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DATES REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25110794-001A	SHORT-HILLS-DW	11/10/2025 1:10:00 PM	Drinking Water	Perfluorinated Alkyl Acids (EPA 537.1		11/18/2025 8:20:36 AM	11/26/2025 5:21:00 PM
				Perfluorinated Alkyl Acids (EPA 537.1		11/18/2025 8:20:36 AM	11/21/2025 5:23:00 AM
25110794-002A				Metals Analysis by ICP/MS (EPA200.8		11/13/2025 1:01:00 PM	11/14/2025 11:32:41 AM
				Radium-226 (EPA 903.0)		11/21/2025 9:45:00 AM	11/26/2025 1:15:00 PM

Revision v1



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Analytical Report

(consolidated)

WO#: 25110794

Date Reported: 12/3/2025

CLIENT: ATG - NEWARK LAB

Collection Date: 11/10/2025 1:10:00 PM

Project: Q3602

Lab ID: 25110794-001

Matrix: DRINKING WATER

Client Sample ID: SHORT-HILLS-DW

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
PFAS BY EPA 537.1			EPA 537.1		EPA 537.1		Analyst: JJF
PERFLUORINATED ALKYL ACIDS (EPA 537.1)							
ADONA	ND	0.511	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFBS	ND	0.540	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFHxA	ND	0.456	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFHpA	ND	0.149	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFHxS	ND	0.378	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
N-MeFOSAA	ND	0.191	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFOA	ND	1.67	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFOS	ND	0.899	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFNA	ND	0.390	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
9CL-PF3ONS	ND	0.491	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFDA	ND	0.629	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
N-EtFOSAA	ND	0.777	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFUnA	ND	0.625	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
HFPO-DA	ND	0.866	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
11CIPF3OUdS	ND	0.933	1.99	U	ng/L	1	11/26/2025 5:21:00 PM
PFDoA	ND	0.383	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFTTrDA	ND	0.432	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
PFTeDA	ND	0.293	1.99	U	ng/L	1	11/21/2025 5:23:00 AM
Surr: 13C2-PFDA	101	70-130	70-130		%Rec	1	11/21/2025 5:23:00 AM
Surr: 13C2-PFHxA	101	70-130	70-130		%Rec	1	11/21/2025 5:23:00 AM
Surr: 13C3-HFPO-DA	89.6	70-130	70-130		%Rec	1	11/21/2025 5:23:00 AM
Surr: NETFOSAA-d5	115	70-130	70-130		%Rec	1	11/21/2025 5:23:00 AM

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL



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Analytical Report

(consolidated)

WO#: 25110794

Date Reported: 12/3/2025

CLIENT: ATG - NEWARK LAB

Collection Date: 11/10/2025 1:10:00 PM

Project: Q3602

Lab ID: 25110794-002

Matrix: DRINKING WATER

Client Sample ID: SHORT-HILLS-DW

Analyses	Result	MDL	PQL	Qual	Units	Uncertainty	DF	Date Analyzed
RADIUM-226 (EPA 903.0)								
Radium-226	ND	0.627	1.00	U	pCi/L	± 0.05	1	11/26/2025 1:15:00 PM
Yield	0.860						1	11/26/2025 1:15:00 PM

EPA 903.0 1980 900 SERIES Analyst: SEE

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL



Garden State Laboratories, Inc.

Report of Analysis

410 Hillside Ave.
Hillside, NJ 07205

Telephone: 800-273-8901
Email: info@gsllabs.com
Internet: www.gsllabs.com

Main Lab
NJDEP Lab Cert. #20044

Jersey Shore Lab
NJDEP Lab Cert. #15037

Lakehurst Lab
NJDEP Lab Cert. #15041

Mathew Klein, M.S., Founder (1916-1996)
Harvey Klein, M.S., Laboratory Director
Jordan B. Klein, B.A., Exec. Vice President
Sharon Ercoliani, B.A. Manager Emerita

For: Alliance Technical Group, LLC.
284 Sheffield Street
Suite 1
Mountainside, NJ 07092

Laboratory Director:

Attention: Yazmeen Gomez

Client Number: ALL01

Report Date: 11/12/2025

Sample ID: Short Hills-DW Lab Sample ID: 251110107-01
Site: Collection Date/Time: 11/10/2025 13:10
Matrix: Potable water Sample Type: Grab

Analyte	Method	SM YR	DF	Sample Result	MCL	Rep. Limit	MDL	Lab Cert No.	Analysis Date/Time	Qualifiers
E. coli	SM 9223 B Colilert 18	16	1	Absent per 100ml	Absent	1		20044	11/10/25 17:55	
Total Coliform	SM 9223 B Colilert 18	16	1	Absent per 100ml	Absent	1		20044	11/10/25 17:55	

DF=Dilution factor, <=less than, MCL=Maximum Contaminant Level, Rep. Limit=Reporting Limit,
MDL=Method Detection Limit, SM YR=Standard Methods Publication Year, and NC=Not Certified.
The liability of Garden State Laboratories, Inc. for services rendered shall in no event exceed the amount of the invoice.
Main Lab certified by NJDEP #20044-TNI, NY Dept. of Health #11550 and PADEP #68-03680.



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Analytical Report

(consolidated)

WO#: 25110794

Date Reported: 12/3/2025

CLIENT: ATG - NEWARK LAB

Collection Date: 11/10/2025 1:10:00 PM

Project: Q3602

Lab ID: 25110794-002

Matrix: DRINKING WATER

Client Sample ID: SHORT-HILLS-DW

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
METALS ANALYSIS BY ICP/MS (EPA200.8)			EPA 200.8		EPA 200.8 R5.4		Analyst: RJE
					1994		
Uranium(U)	ND	0.450	1.00	U	µg/L	1	11/14/2025 11:32:41 AM

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
PL Permit Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
ND Not Detected
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL



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Accreditation Program Analytes Report

WO#: 25110794
03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

State: NJ

Program Name: NJ_DW_NPW_SC
M_NELAP

Test Name	Matrix	Analyte	Status
Metals Analysis by ICP/MS (EPA200.8)	Drinking Water	Uranium, Total	N
Radium-226 (EPA 903.0)	Drinking Water	Radium-226	N
Radium-226 (EPA 903.0)	Drinking Water	Yield	N



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QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 89893

Sample ID: MB-89893	SampType: MBLK	TestCode: Mtl-ICPMS_N Units: µg/L				Prep Date: 11/13/2025				RunNo: 220853		
Client ID: BatchQC	Batch ID: 89893	TestNo: E200.8		E200.8		Analysis Date: 11/14/2025				SeqNo: 5889591		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Uranium(U)	ND	1.00									U	

Sample ID: LCS-89893	SampType: LCS	TestCode: Mtl-ICPMS_N	Units: µg/L	Prep Date: 11/13/2025	RunNo: 220853						
Client ID: BatchQC	Batch ID: 89893	TestNo: E200.8	E200.8	Analysis Date: 11/14/2025	SeqNo: 5889592						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium(U)	48.5	1.00	50.00	0	97.0	85	115				

Sample ID: LCSD-89893	SampType: LCSD	TestCode: Mtl-ICPMS_N Units: µg/L				Prep Date: 11/13/2025			RunNo: 220853		
Client ID: BatchQC	Batch ID: 89893	TestNo: E200.8		E200.8		Analysis Date: 11/14/2025			SeqNo: 5889593		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium(U)	49.4	1.00	50.00	0	98.8	85	115	48.49	1.88	0	

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



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QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 89995

Sample ID: LCSD-89995	SampType: LCSD	TestCode: SVOC-EPA53	Units: ng/L	Prep Date: 11/18/2025	RunNo: 221404						
Client ID: BatchQC	Batch ID: 89995	TestNo: E537.1	E537.1	Analysis Date: 11/21/2025	SeqNo: 5904495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
9CL-PF3ONS	0.0279	0.00200	0.03740	0	74.5	70	130	0.03382	19.4	20	
HFPO-DA	0.0294	0.00200	0.04000	0	73.5	70	130	0.03548	18.7	20	
PFTeDA	0.0315	0.00200	0.04000	0	78.8	70	130	0.03542	11.6	20	

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



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QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 89995

Sample ID: MB-89995	SampType: MBLK	TestCode: SVOC-EPA53	Units: µg/L	Prep Date: 11/18/2025	RunNo: 221326						
Client ID: BatchQC	Batch ID: 89995	TestNo: E537.1	E537.1	Analysis Date: 11/19/2025	SeqNo: 5902165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ADONA	ND	0.00200									U
PFBS	ND	0.00200									U
PFHxA	ND	0.00200									U
PFHpA	ND	0.00200									U
PFHxS	ND	0.00200									U
N-MeFOSAA	ND	0.00200									U
PFOA	ND	0.00200									U
PFOS	ND	0.00200									U
PFNA	ND	0.00200									U
9CL-PF3ONS	ND	0.00200									U
PFDA	ND	0.00200									U
N-EtFOSAA	ND	0.00200									U
PFUnA	ND	0.00200									U
HFPO-DA	ND	0.00200									U
11ClPF3OUdS	ND	0.00200									U
PFDoA	ND	0.00200									U
PFTTrDA	ND	0.00200									U
PFTeDA	ND	0.00200									U
Surr: 13C2-PFDA	0.0406		0.04000		102	70	130				
Surr: 13C2-PFHxA	0.0379		0.04000		94.7	70	130				
Surr: 13C3-HFPO-DA	0.0360		0.04000		89.9	70	130				
Surr: NETFOSAA-d5	0.186		0.1600		116	70	130				

Qualifiers:
E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

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ND Not Detected
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Revision v1



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QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 89995

Sample ID: LCS-89995		SampType: LCS	TestCode: SVOC-EPA53		Units: µg/L	Prep Date: 11/18/2025			RunNo: 221326		
Client ID: BatchQC	Batch ID: 89995	TestNo: E537.1		E537.1		Analysis Date: 11/19/2025			SeqNo: 5902166		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ADONA	0.0355	0.00200	0.03780	0	93.9	70	130				QLR
PFBS	0.0290	0.00200	0.03540	0	82.0	70	130				
PFHxA	0.0365	0.00200	0.04000	0	91.3	70	130				
PFHpA	0.0423	0.00200	0.04000	0	106	70	130				
PFHxS	0.0365	0.00200	0.03650	0	100	70	130				QLR
N-MeFOSAA	0.0395	0.00200	0.04000	0	98.7	70	130				QLR
PFOA	0.0397	0.00200	0.04000	0	99.2	70	130				
PFOS	0.0369	0.00200	0.03704	0	99.5	70	130				
PFNA	0.0436	0.00200	0.04000	0	109	70	130				
9CL-PF3ONS	0.0338	0.00200	0.03740	0	90.4	70	130				QLR
PFDA	0.0446	0.00200	0.04000	0	112	70	130				QLR
N-EtFOSAA	0.0379	0.00200	0.04000	0	94.8	70	130				QLR
PFUnA	0.0392	0.00200	0.04000	0	97.9	70	130				
HFPO-DA	0.0355	0.00200	0.04000	0	88.7	70	130				
11CIPF3OUdS	0.0314	0.00200	0.03780	0	83.1	70	130				
PFDoA	0.0373	0.00200	0.04000	0	93.4	70	130				QLR
PFTTrDA	0.0370	0.00200	0.04000	0	92.4	70	130				
PFTeDA	0.0354	0.00200	0.04000	0	88.6	70	130				
Surr: 13C2-PFDA	0.0438		0.04000		110	70	130				
Surr: 13C2-PFHxA	0.0378		0.04000		94.4	70	130				
Surr: 13C3-HFPO-DA	0.0376		0.04000		94.0	70	130				
Surr: NETFOSAA-d5	0.159		0.1600		99.5	70	130				

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



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QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 89995

Sample ID: LCSD-89995	SampType: LCSD	TestCode: SVOC-EPA53		Units: µg/L	Prep Date: 11/18/2025			RunNo: 221326			
Client ID: BatchQC	Batch ID: 89995	TestNo: E537.1		E537.1	Analysis Date: 11/19/2025			SeqNo: 5902167			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ADONA	0.0287	0.00200	0.03780	0	76.0	70	130	0.03548	21.1	20	R
PFBS	0.0256	0.00200	0.03540	0	72.2	70	130	0.02904	12.8	20	
PFHxA	0.0305	0.00200	0.04000	0	76.4	70	130	0.03652	17.8	20	
PFHpA	0.0340	0.00200	0.04000	0	85.1	70	130	0.04227	21.6	20	R
PFHxS	0.0292	0.00200	0.03650	0	79.9	70	130	0.03652	22.4	20	R
N-MeFOSAA	0.0325	0.00200	0.04000	0	81.2	70	130	0.03949	19.4	20	
PFOA	0.0324	0.00200	0.04000	0	81.0	70	130	0.03966	20.1	20	R
PFOS	0.0299	0.00200	0.03704	0	80.7	70	130	0.03686	20.9	20	R
PFNA	0.0352	0.00200	0.04000	0	88.0	70	130	0.04356	21.2	20	R
PFDA	0.0357	0.00200	0.04000	0	89.3	70	130	0.04462	22.1	20	R
N-EtFOSAA	0.0327	0.00200	0.04000	0	81.7	70	130	0.03792	14.9	20	
PFUnA	0.0327	0.00200	0.04000	0	81.7	70	130	0.03916	18.1	20	
11CIPF3OUdS	0.0257	0.00200	0.03780	0	67.9	70	130	0.03141	20.1	20	RS
PFDoA	0.0315	0.00200	0.04000	0	78.7	70	130	0.03735	17.1	20	
PFTTrDA	0.0347	0.00200	0.04000	0	86.7	70	130	0.03697	6.36	20	
Surr: 13C2-PFDA	0.0445		0.04000		111	70	130		0	20	
Surr: 13C2-PFHxA	0.0380		0.04000		94.9	70	130		0	20	
Surr: 13C3-HFPO-DA	0.0371		0.04000		92.8	70	130		0	20	
Surr: NETFOSAA-d5	0.166		0.1600		104	70	130		0	20	

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



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

QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 90150

Sample ID: MB-90150	SampType: MBLK	TestCode: Radium-226_ Units: pCi/L				Prep Date: 11/21/2025				RunNo: 221981		
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0		E903-904		Analysis Date: 11/26/2025				SeqNo: 5920158		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Radium-226	ND	1.00									U	
Yield	0.880											

Sample ID: LCS-90150	SampType: LCS	TestCode: Radium-226_ Units: pCi/L				Prep Date: 11/21/2025			RunNo: 221981		
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0		E903-904		Analysis Date: 11/26/2025			SeqNo: 5920159		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	5.17	1.00	5.000	0	103	70	130				

Sample ID: LCSD-90150	SampType: LCSD	TestCode: Radium-226_ Units: pCi/L				Prep Date: 11/21/2025			RunNo: 221981		
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0		E903-904		Analysis Date: 11/26/2025			SeqNo: 5920160		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	5.26	1.00	5.000	0	105	70	130	5.170	1.73	20	

Sample ID: RLC-90150	SampType: RLC	TestCode: Radium-226_	Units: pCi/L	Prep Date: 11/21/2025	RunNo: 221981						
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0	E903-904	Analysis Date: 11/26/2025	SeqNo: 5920162						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
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Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 25110794

03-Dec-25

Client: ATG - NEWARK LAB

Project: Q3602

BatchID: 90150

Sample ID: RLC-90150	SampType: RLC	TestCode: Radium-226_ Units: pCi/L				Prep Date: 11/21/2025			RunNo: 221981		
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0		E903-904		Analysis Date: 11/26/2025			SeqNo: 5920162		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	1.04	1.00	1.000	0	104	50	150				

Sample ID: RLCD-90150	SampType: RLC	TestCode: Radium-226_ Units: pCi/L				Prep Date: 11/21/2025			RunNo: 221981		
Client ID: BatchQC	Batch ID: 90150	TestNo: E903.0		E903-904		Analysis Date: 11/26/2025			SeqNo: 5920163		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Radium-226	0.960	1.00	1.000	0	96.0	50	150	1.040	8.00	0	J

Qualifiers:

E Value above quantitation range
M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

Revision v1



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
WWW.CHEMTECH.NET

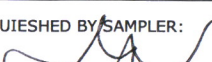
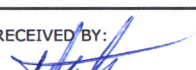
2511 0794

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Alliance Technical Group - Akron	ORDER ID : Q3602	BILL TO: CHEMTECH PO# : Q3602
ADDRESS : 3310 Win Street	PROJECT ID:Short Hills - Drinking Water	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 NJ	Report : Level 1	Comment : NJ. GRAB.
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ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	SHORT-HILLS-DW	Water	PFAS	Cool 4 deg C	537	11/10/2025	13:10:00	1	10
01		Water	Radium 226 (sub)	1:1 HNO3 to pH < 2	(sub) 9315			1	10
01		Water	Total Uranium	1:1 HNO3 to pH < 2	sub			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:	☐ Compliant	☐ Non Compliant	Cooler Temp _____
1. 	11/11/25	1. 	RH-7 CPM-16 1.6 ± 0.2 = 1.8			Ice or Cooler? _____
RELINQUISHED BY:	DATETIME: 10:40	RECEIVED BY:				
2.	11/12/25	2.				
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	Page 17 of 19	☐ OVERNIGHT	Shipment Complete:	
3.		3.		☐ OVERNIGHT	☐ YES ☐ NO	



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2511 0794

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY : Alliance Technical Group - Akron		ORDER ID : Q3602		BILL TO: CHEMTECH PO# : Q3602	
ADDRESS : 3310 Win Street		PROJECT ID: Short Hills - Drinking Water		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 NJ	Report : Level 1	Comment : NJ. GRAB.
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ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	SHORT-HILLS-DW	Water	PFAS	Cool 4 deg C	537	11/10/2025	13:10:00	1	10
01		Water	Radium 226 (sub)	1:1 HNO3 to pH < 2	(sub) 9315			1	10
01		Water	Total Uranium	1:1 HNO3 to pH < 2	sub			1	10

CPM → 38
3.1 ± 0.2 = 3.3 11/19/25 PH → 7

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: ☐ Compliant ☐ Non Compliant Cooler Temp _____ Ice or Cooler? _____		
1.	11/11/25	1.	PH - 7 CPM - 16		
RELINQUISHED BY:	DATETIME: 10:40	RECEIVED BY:	1.6 ± 0.2 = 1.8		
2.	11/12/25	2.			
RELINQUISHED BY:	DATETIME: 16:00	RECEIVED BY:	☐ OVERNIGHT Shipment Complete: ☐ YES ☐ NO ☐ OVERNIGHT		
3.	11/18/25	3.			



284 Sheffield Street, Mountainside, NJ 07092
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A1101 251110107-01

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Garden State Lab	ORDER ID : Q3602	BILL TO: CHEMTECH PO# : q3602.
ADDRESS :	PROJECT ID:Short Hills - Drinking Water	ADDRESS : 284, Sheffield Street
CITY: State :NJ ZIP :	PROJECT MANAGER YAZMEEN	CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN.GOMEZ@AllianceTG.com	ATTENTION :YAZMEE
PHONE : _ _ - _ _	PHONE : (908) 789 8900 FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : Excel NJ

Report : Level 1

Comment : Drinking water. NJ. GRAB sample.

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	SHORT-HILLS-DW	Water	Total Coliform - MF MF <i>JD 11-10-25</i>	um thiosulfate(Na2S2)	9222	11/10/2025	13:10:00	1	10

107-07

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

RELINQUISHED BY SAMPLER: <i>[Signature]</i>	DATETIME: <i>1528 11-10-25</i>	RECEIVED BY: <i>F. Jacob</i>	Conditions of bottles or Coolers at receipt: <i>11/10/25 15:29 17.0 °C E0C</i>	☐ Compliant ☐ Non Compliant	Cooler Temp _____ Ice or Cooler? _____
RELINQUISHED BY: 2.	DATETIME:	RECEIVED BY: 2.			
RELINQUISHED BY: 3.	DATETIME:	RECEIVED BY: 3.	Page 1 of 1	☐ OVERNIGHT ☐ OVERNIGHT	Shipment Complete: ☐ YES ☐ NO

Q3602

22 of 24

Sample Log-In Check List

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

Work Order Number: **25110794**

RcptNo: **1**

Logged by: **Spencer M. Hartwell** **11/12/2025 10:40:00 AM**

Spencer M. Hartwell

Completed By: **Spencer M. Hartwell** **11/12/2025 12:03:14 PM**

Spencer M. Hartwell

Reviewed By:

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 ☐
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: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:
received 1633 bottles
not enough sample for 226

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8					