

DATA PACKAGE
GENERAL CHEMISTRY

PROJECT NAME : PFAS SOIL TESTING

FULPER FAMILY FARMSTEAD
281 Rocktown-Lambertville Rd

Lambertville, NJ - 08530
Phone No: 609-651-5991

ORDER ID : Q2797
ATTENTION : Robert Fulper



Cover Page

Order ID : Q2797

Project ID : PFAS Soil Testing

Client : Fulper Family Farmstead

Lab Sample Number

Q2797-01

Client Sample Number

FOOD-BYPRODUCT

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 3:37 pm, Aug 22, 2025

Date: 8/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



*Alliance Technical Group - Akron
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TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>*

August 21, 2025

Yazmeen Gomez
ATG - NEWARK LAB
284 Sheffield Street
Mountainside, NJ 07092
TEL:
FAX:
RE: Q2797

Order No.: 25080622

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 1 sample(s) on 8/8/2025 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 fluid and cursive, with the first name "Jennifer" and last name "Woolf" clearly distinguishable.

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#: 25080622
Date: 8/21/2025

CLIENT: ATG - NEWARK LAB

Project: Q2797

WorkOrder Narrative:

25080622: 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 for Percent Moisture.

Analytical Sequence Sample Notes:

25080622-001A SVOC-EPA1633_S:

CCV Med exhibited high recoveries for multiple analytes. Potential high bias. These analytes were ND in the sample.

MB exhibited a recovery for PFOS > PQL. Potential high bias. Sample detect is > 10x the blank detect, so contribution from contamination is considered negligible.

Sample exhibited a S/N ratio outside quality control limits for PFNA. Confirmed via extract dilution analysis. Positive identification criteria not met. Results reported as ND.

Original



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Case Narrative

WO#: 25080622
Date: 8/21/2025

CLIENT: ATG - NEWARK LAB

Project: Q2797

Sample exhibited high recoveries for multiple IDAs. Potential low bias in associated analytes. Confirmed via extract dilution analysis.

Analytical Sequence QC Notes:

MB-86405 SVOC-EPA1633_S: MB exhibited a recovery for PFOS > PQL. Potential high bias in samples. Confirmed via reanalysis. MB exhibited high recoveries for multiple IDAs. Potential low bias in associated analytes. Confirmed via reanalysis.

LCS-86405 SVOC-EPA1633_S: LCS exhibited high recoveries for multiple IDAs. Potential low bias in associated analytes. Confirmed via reanalysis. Recoveries for all analytes exhibited control.

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#: **25080622**
21-Aug-25

CLIENT: ATG - NEWARK LAB
Project: Q2797

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
25080622-001	FOOD-BYPRODUCT		8/7/2025 1:30:00 PM	8/8/2025 10:35:00 AM	Non-Potable Water



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DATES REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
25080622-001A	FOOD-BYPRODUCT	8/7/2025 1:30:00 PM	Non-Potable Water	Percent Moisture by SM2540Mod			8/13/2025 12:45:00 PM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/20/2025 12:38:00 AM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/20/2025 12:22:00 AM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/15/2025 8:32:00 AM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/15/2025 8:17:00 AM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/13/2025 10:21:00 PM
				PFAS in Solid Samples (EPA Method		8/11/2025 1:46:04 PM	8/13/2025 10:06:00 PM

Original



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WO#: 25080622
 Date Reported: 8/21/2025
 Company: ATG - NEWARK LAB
 Address: 284 Sheffield Street
 Mountainside NJ 07092
 Received: 8/8/2025
 Project#: Q2797

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
FOOD-BYPRODUCT	001	8/7/2025	11CI-PF3OUdS	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.40	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	3:3 FTCA	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.58	8.65	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	4:2 FTS	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	2.58	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	5:3 FTCA	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	4.43	43.2	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	6:2 FTS	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	2.06	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	7:3 FTCA	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	9.73	43.2	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	8:2 FTS	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	2.55	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	9CL-PF3ONS	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.27	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	ADONA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.47	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	HFPO-DA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.94	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NEtFOSA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.993	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NEtFOSAA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.501	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NEtFOSE	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	8.63	17.3	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NFDHA	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.460	3.46	8/20/2025	AEH



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 Company: ATG - NEWARK LAB
 Address: 284 Sheffield Street
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 Received: 8/8/2025
 Project#: Q2797

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
FOOD-BYPRODUCT	001	8/7/2025	NMeFOSA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.741	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NMeFOSAA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.428	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	NMeFOSE	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	7.75	17.3	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFBA	0.796	ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.645	6.92	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFBS	1.39	ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.231	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFDA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.608	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFDaA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.341	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFDoS	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.324	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFDS	ND	ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.381	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFEESA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.526	3.46	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFHpA	ND	ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.568	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFHpS	0.986	ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.261	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFHxA	1.13	ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.352	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFHxS	6.82	ng/g-dry		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.447	1.73	8/20/2025	AEH



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 Company: ATG - NEWARK LAB
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 Project#: Q2797

Client ID#	Lab ID#	Collected	Analyte	Result Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
FOOD-BYPRODUCT	001	8/7/2025	PFMBA	ND ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.513	3.46	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFMPA	ND ng/g-dry	UQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.350	3.46	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFNA	2.23 ng/g-dry		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.469	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFNS	0.372 ng/g-dry	JQC+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.364	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFOA	1.74 ng/g-dry		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.677	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFOS	136 ng/g-dry	MB+	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.327	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFOSA	ND ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.189	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFPeA	ND ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.394	3.46	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFPeS	94.5 ng/g-dry		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	1.83	16.1	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFTeDA	0.277 ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.246	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFTTrDA	0.285 ng/g-dry	J	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.231	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	PFUnA	ND ng/g-dry	U	Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1	0.354	1.73	8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C2-PFDA	61.6 %Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C2-PFHxA	69.0 %Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH



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Date Reported: 8/21/2025
Company: ATG - NEWARK LAB
Address: 284 Sheffield Street
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Received: 8/8/2025
Project#: Q2797

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C3-PFBA	83.8 %	Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C4-PFOA	83.0 %	Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C4-PFOS	76.2 %	Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 13C5-PFNA	70.4 %	Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Surr: 18O2-PFHxS	72.8 %	Rec		Non-Potable Water	EPA 1633 Draft - Rev. 4 EPA 1633	1			8/20/2025	AEH
FOOD-BYPRODUCT	001	8/7/2025	Percent Moisture	88.7 %			Non-Potable Water	SM 2540	1	0.00100	0.100	8/13/2025	HKW



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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: MB-86405	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 8/11/2025	RunNo: 214672						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/15/2025	SeqNo: 5732547						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
11Cl-PF3OUdS	ND	0.794									U
3:3 FTCA	ND	0.992									U
4:2 FTS	ND	0.794									U
5:3 FTCA	ND	4.96									U
6:2 FTS	ND	0.794									U
7:3 FTCA	ND	4.96									U
8:2 FTS	ND	0.794									U
9Cl-PF3ONS	ND	0.794									U
ADONA	ND	0.794									U
HFPO-DA	ND	0.794									U
NEtFOSA	ND	0.198									U
NEtFOSAA	ND	0.198									U
NEtFOSE	ND	1.98									U
NFDHA	ND	0.397									U
NMeFOSA	ND	0.198									U
NMeFOSAA	ND	0.198									U
NMeFOSE	ND	1.98									U
PFBA	ND	0.794									U
PFBS	ND	0.198									U
PFDA	ND	0.198									U
PFDaA	ND	0.198									U
PFDoS	ND	0.198									U
PFDS	ND	0.198									U

Qualifiers:
B Analyte detected in the associated Method Blank
M Manual Integration used to determine area response
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
S Spike Recovery outside accepted recovery limits

J Analyte detected below quantitation limits
PL Permit Limit
U Samples with CalcVal < MDL

Original



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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: MB-86405	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 8/11/2025	RunNo: 214672						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/15/2025	SeqNo: 5732547						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFEESA	ND	0.397									U
PFHpA	ND	0.198									U
PFHpS	ND	0.198									U
PFHxA	ND	0.198									U
PFHxS	0.140	0.198									J
PFMBA	ND	0.397									U
PFMPA	ND	0.397									U
PFNA	ND	0.198									U
PFNS	ND	0.198									U
PFOA	ND	0.198									U
PFOS	1.02	0.198									
PFOSA	ND	0.198									U
PFPeA	ND	0.397									U
PFPeS	ND	0.198									U
PFTeDA	ND	0.198									U
PFTTrDA	ND	0.198									U
PFUnA	ND	0.198									U
Surr: 13C2-PFDA	1.73		2.480		69.8	50	200				
Surr: 13C2-PFHxA	2.64		4.960		53.1	50	200				
Surr: 13C4-PFOA	3.43		4.960		69.1	50	200				
Surr: 13C4-PFOS	4.18		4.752		88.0	50	200				
Surr: 13C5-PFNA	1.83		2.480		73.8	50	200				
Surr: 18O2-PFHxS	4.19		4.702		89.1	50	200				

Qualifiers:
B Analyte detected in the associated Method Blank
M Manual Integration used to determine area response
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
S Spike Recovery outside accepted recovery limits

J Analyte detected below quantitation limits
PL Permit Limit
U Samples with CalcVal < MDL

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>

QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: MB-86405	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 8/11/2025	RunNo: 214672						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/15/2025	SeqNo: 5732547						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS-86405	SampType: LCS	TestCode: SVOC-EPA16		Units: ng/g	Prep Date: 8/11/2025				RunNo: 214672		
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633		E1633	Analysis Date: 8/15/2025				SeqNo: 5732548		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
11Cl-PF3OUdS	32.7	0.791	37.27	0	87.7	45	160				
3:3 FTCA	54.4	0.988	49.41	0	110	45	130				
4:2 FTS	41.4	0.791	37.04	0	112	60	150				
5:3 FTCA	312	4.94	247.0	0	126	60	130				
6:2 FTS	46.0	0.791	37.59	0	122	55	200				
7:3 FTCA	341	4.94	247.0	0	138	60	150				
8:2 FTS	45.6	0.791	37.94	0	120	70	150				
9CL-PF3ONS	34.6	0.791	36.88	0	93.8	70	150				
ADONA	40.3	0.791	37.35	0	108	70	160				
HFPO-DA	36.4	0.791	39.53	0	92.1	70	145				
NEtFOSA	11.7	0.198	9.881	0	118	70	140				
NEtFOSAA	9.59	0.198	9.881	0	97.1	65	165				
NEtFOSE	121	1.98	98.81	0	122	70	135				
NFDHA	25.5	0.395	19.76	0	129	60	155				
NMeFOSA	9.76	0.198	9.881	0	98.8	70	155				
NMeFOSAA	9.91	0.198	9.881	0	100	65	155				
NMeFOSE	101	1.98	98.81	0	102	70	140				

Qualifiers:
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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: LCS-86405	SampType: LCS	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 8/11/2025	RunNo: 214672						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/15/2025	SeqNo: 5732548						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBA	37.9	0.791	39.53	0	95.8	70	140				
PFBS	8.50	0.198	8.775	0	96.8	65	145				
PFDA	8.12	0.198	9.881	0	82.1	70	155				
PFDaA	9.28	0.198	9.881	0	93.9	70	150				
PFDoS	5.48	0.198	9.565	0	57.3	25	160				
PFDS	9.93	0.198	9.526	0	104	40	155				
PFEESA	22.0	0.395	17.63	0	125	70	140				
PFHpA	9.31	0.198	9.881	0	94.3	65	145				
PFHpS	9.88	0.198	9.407	0	105	65	155				
PFHxA	9.89	0.198	9.881	0	100	65	140				
PFHxS	8.67	0.198	9.016	0	96.2	60	150				
PFMBA	25.2	0.395	19.76	0	127	60	150				
PFMPA	22.5	0.395	19.76	0	114	30	140				
PFNA	8.89	0.198	9.881	0	90.0	70	155				
PFNS	11.4	0.198	9.486	0	120	55	140				
PFOA	9.39	0.198	9.881	0	95.0	70	150				
PFOS	10.7	0.198	9.170	0	116	65	160				BMB+
PFOSA	9.57	0.198	9.881	0	96.9	70	140				
PFPeA	19.5	0.395	19.76	0	98.7	60	150				
PFPeS	7.57	0.198	9.289	0	81.5	55	160				
PFTeDA	9.80	0.198	9.881	0	99.2	65	150				
PFTTrDA	10.4	0.198	9.881	0	106	65	150				
PFUnA	8.35	0.198	9.881	0	84.5	70	155				

Qualifiers:
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ND Not Detected
S Spike Recovery outside accepted recovery limits

J Analyte detected below quantitation limits
PL Permit Limit
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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: LCS-86405	SampType: LCS	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 8/11/2025	RunNo: 214672						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/15/2025	SeqNo: 5732548						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 13C2-PFDA	2.03		2.470		82.2	50	200				
Surr: 13C2-PFHxA	3.08		4.941		62.3	50	200				
Surr: 13C3-PFBA	5.31		9.881		53.7	50	200				
Surr: 13C4-PFOA	3.98		4.941		80.6	50	200				
Surr: 13C4-PFOS	4.59		4.733		97.1	50	200				
Surr: 13C5-PFNA	1.77		2.470		71.6	50	200				
Surr: 18O2-PFHxS	4.19		4.684		89.4	50	200				

Qualifiers:
B Analyte detected in the associated Method Blank
M Manual Integration used to determine area response
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

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ND Not Detected
S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: 86405

Sample ID: MB-86405	SampType: MBLK	TestCode: SVOC-EPA16	Units: %Rec	Prep Date: 8/11/2025	RunNo: 214630						
Client ID: BatchQC	Batch ID: 86405	TestNo: E1633	E1633	Analysis Date: 8/13/2025	SeqNo: 5731798						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 13C3-PFBA	10.3		9.921		104	50	200				

Qualifiers:

B	Analyte detected in the associated Method Blank
M	Manual Integration used to determine area response
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
S	Spike Recovery outside accepted recovery limits

J	Analyte detected below quantitation limits
PL	Permit Limit
U	Samples with CalcVal < MDL

Original



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QC SUMMARY REPORT

WO#: 25080622

21-Aug-25

Client: ATG - NEWARK LAB

Project: Q2797

BatchID: R214483

Sample ID: MB-R214483	SampType: MBLK	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 214483		
Client ID: BatchQC	Batch ID: R214483	TestNo: A2540B				Analysis Date: 8/13/2025				SeqNo: 5727636		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	ND	0.100									U	

Sample ID: 25080862-001ADUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 214483		
Client ID: BatchQC	Batch ID: R214483	TestNo: A2540B				Analysis Date: 8/13/2025				SeqNo: 5727657		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	4.59	0.100						4.760	3.60	5		

Sample ID: 25080683-002ADUP		SampType: DUP		TestCode: PctMoist_S(2 Units: %			Prep Date:			RunNo: 214483			
Client ID: BatchQC		Batch ID: R214483		TestNo: A2540B			Analysis Date: 8/13/2025			SeqNo: 5728246			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture		89.3		0.100						89.05	0.270	5	

Qualifiers:
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H Holding times for preparation or analysis exceeded
ND Not Detected
S Spike Recovery outside accepted recovery limits

J Analyte detected below quantitation limits
PL Permit Limit
U Samples with CalcVal < MDL

Original

25080622



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

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Alliance Technical Group - Akron	ORDER ID : Q2797	BILL TO: CHEMTECH PO# : q2797
ADDRESS : 3310 Win Street	PROJECT ID:PFAS Soil Testing	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.
----------------	------------------	---------------------

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	FOOD-BYPRODUCT	Solid	PFAS	Cool 4 deg C	1035	08/07/2025	13:30:00	2	10

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

RELINQUISHED BY: 1. <i>[Signature]</i>	DATETIME: 8-7-25	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or Coolers at receipt: 5.3-0.1 = 5.2	<input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp _____ Ice or Cooler? _____
RELINQUISHED BY: 2.	DATETIME:	RECEIVED BY: 2. 8/8/25	<i>[Signature]</i> 1035		
RELINQUISHED BY: 3.	DATETIME:	RECEIVED BY: 3.	Page 18 of 19 Page 1 of 1	<input type="checkbox"/> OVERNIGHT <input type="checkbox"/> OVERNIGHT	Shipment Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Fulper Farms LLC
ADDRESS: 281 Rocktown - Lambertville Rd
CITY Lambertville STATE: NJ ZIP: 08530
ATTENTION: Robert Fulper
PHONE: 609-647-4836 FAX: 609-397-2859

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: Fulper Farms LLC PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

PFAS
1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. Fulp 01	Food Byproduct	Solid		X	8/7/25	1:30	1	X									
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Robert G. II</u>	DATE/TIME: <u>8/7/25 1:30</u>	RECEIVED BY: 1. <u>R. C. J.</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.0</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>8.7.25</u>	RECEIVED BY: 3. <u>[Signature]</u>	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Sample Log-In Check List

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

Work Order Number: **25080622**

RcptNo: **1**

Logged by: **Spencer M. Hartwell** **8/8/2025 10:35:00 AM**

Spencer M. Hartwell

Completed By: **Spencer M. Hartwell** **8/8/2025 3:41:37 PM**

Spencer M. Hartwell

Reviewed By: **Jennifer Woolf** **8/11/2025 6:52:16 PM**

Jennifer M. Woolf

Chain of Custody

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

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:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.2	Good	Not Present			