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

October 16, 2026

Kevin Summerville
Columbiana County Health District
7360 SR 45
P.O. Box 309
Lisbon, OH 44432
TEL:
FAX:

RE: East Palestine

Dear Kevin Summerville:

Order No.: 26100496

Alliance Technical Group - Akron received 3 sample(s) on 10/7/2026 for the analyses presented in the following report.

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

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

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

Sincerely,

Holly Florea

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

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

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

Workorder Sample Summary

WO#: **26100496**

16-Oct-26

CLIENT: Columbiana County Health District
Project: East Palestine

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26100496-001	PW-312		10/6/2026 12:40:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-001	PW-312		10/6/2026 12:40:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-001	PW-312		10/6/2026 12:40:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-001	PW-312		10/6/2026 12:40:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-002	FB-312		10/6/2026 12:20:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-002	FB-312		10/6/2026 12:20:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-002	FB-312		10/6/2026 12:20:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-002	FB-312		10/6/2026 12:20:00 PM	10/7/2026 3:40:00 PM	Drinking Water
26100496-003	Trip Blank			10/7/2026 3:40:00 PM	Non-Potable Water
26100496-003	Trip Blank			10/7/2026 3:40:00 PM	Non-Potable Water

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

Case Narrative

WO#: **26100496**
Date: **10/16/2026**

CLIENT: Columbiana County Health District
Project: East Palestine

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

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

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

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

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

WorkOrder Comments:
26100496: The lab does not routinely spike for 2-Butoxyethanol; this compound is included in the instrument initial calibration and initial calibration verification.

Analytical Sequence Sample Notes:
26100496-001, 002 SVOC_DW(525.3): Possible high bias for analyte 2-Methylnaphthalene due to high CCV recovery. Sample is ND.

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Benzo(a)pyrene-d12	99.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Triphenyl phosphate	114		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.173	28.6		µg/L	1	103462	10/12/2026 8:25:00 PM
Surr: Nitrobenzene-d5	69.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: 2-Fluorobiphenyl	80.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: p-Terphenyl-d14	94.7		20-181		%Rec	1	103462	10/12/2026 8:25:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:21:00 PM
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode
E	Value above quantitation range
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 2:37:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 2:37:00 AM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Dibromofluoromethane	107		70-133		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Toluene-d8	97.5		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Benzo(a)pyrene-d12	99.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Triphenyl phosphate	114		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.173	28.6		µg/L	1	103462	10/12/2026 8:25:00 PM
Surr: Nitrobenzene-d5	69.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: 2-Fluorobiphenyl	80.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: p-Terphenyl-d14	94.7		20-181		%Rec	1	103462	10/12/2026 8:25:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:21:00 PM
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode
E	Value above quantitation range
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 2:37:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 2:37:00 AM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Dibromofluoromethane	107		70-133		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Toluene-d8	97.5		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Benzo(a)pyrene-d12	99.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Triphenyl phosphate	114		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.173	28.6		µg/L	1	103462	10/12/2026 8:25:00 PM
Surr: Nitrobenzene-d5	69.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: 2-Fluorobiphenyl	80.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: p-Terphenyl-d14	94.7		20-181		%Rec	1	103462	10/12/2026 8:25:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:21:00 PM
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 2:37:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 2:37:00 AM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Dibromofluoromethane	107		70-133		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Toluene-d8	97.5		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103464	10/13/2026 5:35:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Benzo(a)pyrene-d12	99.2		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
Surr: Triphenyl phosphate	114		70-130		%Rec	1	103464	10/13/2026 5:35:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.173	28.6		µg/L	1	103462	10/12/2026 8:25:00 PM
Surr: Nitrobenzene-d5	69.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: 2-Fluorobiphenyl	80.3		10-130		%Rec	1	103462	10/12/2026 8:25:00 PM
Surr: p-Terphenyl-d14	94.7		20-181		%Rec	1	103462	10/12/2026 8:25:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:21:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:21:00 PM
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251530	10/9/2026 7:21:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode
E	Value above quantitation range
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-001 **Collection Date:** 10/6/2026 12:40:00 PM

Client Sample ID PW-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 2:37:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 2:37:00 AM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Dibromofluoromethane	107		70-133		%Rec	1	R251578	10/13/2026 2:37:00 AM
Surr: Toluene-d8	97.5		70-130		%Rec	1	R251578	10/13/2026 2:37:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00356	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980	QC+	µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	91.0		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Triphenyl phosphate	113		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103462	10/12/2026 8:57:00 PM
Surr: Nitrobenzene-d5	72.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: 2-Fluorobiphenyl	86.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: p-Terphenyl-d14	93.0		20-181		%Rec	1	103462	10/12/2026 8:57:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:49:00 PM
Surr: 1,2-Dichlorobenzene-d4	93.9		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM
Surr: 4-Bromofluorobenzene	98.3		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode
E	Value above quantitation range
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 3:06:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 3:06:00 AM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Dibromofluoromethane	112		70-133		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Toluene-d8	97.8		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00356	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980	QC+	µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	91.0		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Triphenyl phosphate	113		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103462	10/12/2026 8:57:00 PM
Surr: Nitrobenzene-d5	72.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: 2-Fluorobiphenyl	86.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: p-Terphenyl-d14	93.0		20-181		%Rec	1	103462	10/12/2026 8:57:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:49:00 PM
Surr: 1,2-Dichlorobenzene-d4	93.9		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM
Surr: 4-Bromofluorobenzene	98.3		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 3:06:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 3:06:00 AM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Dibromofluoromethane	112		70-133		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Toluene-d8	97.8		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00356	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980	QC+	µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	91.0		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Triphenyl phosphate	113		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103462	10/12/2026 8:57:00 PM
Surr: Nitrobenzene-d5	72.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: 2-Fluorobiphenyl	86.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: p-Terphenyl-d14	93.0		20-181		%Rec	1	103462	10/12/2026 8:57:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:49:00 PM
Surr: 1,2-Dichlorobenzene-d4	93.9		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM
Surr: 4-Bromofluorobenzene	98.3		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 3:06:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 3:06:00 AM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Dibromofluoromethane	112		70-133		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Toluene-d8	97.8		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00356	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980	QC+	µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	103464	10/13/2026 6:08:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	91.0		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
Surr: Triphenyl phosphate	113		70-130		%Rec	1	103464	10/13/2026 6:08:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103462	10/12/2026 8:57:00 PM
Surr: Nitrobenzene-d5	72.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: 2-Fluorobiphenyl	86.0		10-130		%Rec	1	103462	10/12/2026 8:57:00 PM
Surr: p-Terphenyl-d14	93.0		20-181		%Rec	1	103462	10/12/2026 8:57:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 7:49:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 7:49:00 PM
Surr: 1,2-Dichlorobenzene-d4	93.9		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM
Surr: 4-Bromofluorobenzene	98.3		70-130		%Rec	1	R251530	10/9/2026 7:49:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-002 **Collection Date:** 10/6/2026 12:20:00 PM

Client Sample ID FB-312 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B** Analyst: **FF**	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251578	10/13/2026 3:06:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251578	10/13/2026 3:06:00 AM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Dibromofluoromethane	112		70-133		%Rec	1	R251578	10/13/2026 3:06:00 AM
Surr: Toluene-d8	97.8		70-130		%Rec	1	R251578	10/13/2026 3:06:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-003 **Collection Date:**

Client Sample ID Trip Blank **Matrix:** NON-POTABLE WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 12:51:00 PM
Surr: 1,2-Dichlorobenzene-d4	87.6		70-130		%Rec	1	R251530	10/9/2026 12:51:00 PM
Surr: 4-Bromofluorobenzene	98.7		70-130		%Rec	1	R251530	10/9/2026 12:51:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **FF**
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251577	10/12/2026 2:11:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251577	10/12/2026 2:11:00 PM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251577	10/12/2026 2:11:00 PM
Surr: Dibromofluoromethane	108		70-133		%Rec	1	R251577	10/12/2026 2:11:00 PM
Surr: Toluene-d8	97.1		70-130		%Rec	1	R251577	10/12/2026 2:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected
R	RPD outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode
E	Value above quantitation range
M	Manual Integration used to determine area response
PL	Permit Limit
RL	Reporting Detection Limit
J	Analyte detected below quantitation limits

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

Analytical Report

(consolidated)

WO#: **26100496**

Date Reported: **10/16/2026**

Lab ID: 26100496-003 **Collection Date:**

Client Sample ID Trip Blank **Matrix:** NON-POTABLE WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **RD**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251530	10/9/2026 12:51:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251530	10/9/2026 12:51:00 PM
Surr: 1,2-Dichlorobenzene-d4	87.6		70-130		%Rec	1	R251530	10/9/2026 12:51:00 PM
Surr: 4-Bromofluorobenzene	98.7		70-130		%Rec	1	R251530	10/9/2026 12:51:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **FF**
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251577	10/12/2026 2:11:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251577	10/12/2026 2:11:00 PM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251577	10/12/2026 2:11:00 PM
Surr: Dibromofluoromethane	108		70-133		%Rec	1	R251577	10/12/2026 2:11:00 PM
Surr: Toluene-d8	97.1		70-130		%Rec	1	R251577	10/12/2026 2:11:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
W	Sample container temperature is out of limit as specified at testcode	J	Analyte detected below quantitation limits

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103462**

Sample ID: **MB-103462** SampType: **MBLK** TestCode: **SVOC-MSTR** Units: **µg/L** Prep Date: **10/10/2026** RunNo: **251612**
Client ID: **BatchQC** Batch ID: **103462** TestNo: **SW8270** **SW3510C** Analysis Date: **10/12/2026** SeqNo: **6476812**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0						
Surr: 2-Fluorophenol	0.0241		0.05000		48.1	10	130				
Surr: Phenol-d6	0.0162		0.05000		32.3	10	130				
Surr: Nitrobenzene-d5	0.0354		0.05000		70.9	10	130				
Surr: 2,4,6-Tribromophenol	0.0427		0.05000		85.3	16	151				
Surr: 2-Fluorobiphenyl	0.0341		0.05000		68.1	10	130				
Surr: p-Terphenyl-d14	0.0479		0.05000		95.8	20	181				

Sample ID: **LCS-103462** SampType: **LCS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/10/2026** RunNo: **251612**
Client ID: **BatchQC** Batch ID: **103462** TestNo: **SW8270** **SW3510C** Analysis Date: **10/12/2026** SeqNo: **6476813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0175		0.05000		34.9	10	130				
Surr: Phenol-d6	0.0116		0.05000		23.3	10	130				
Surr: Nitrobenzene-d5	0.0256		0.05000		51.1	10	130				
Surr: 2,4,6-Tribromophenol	0.0300		0.05000		60.0	16	151				
Surr: 2-Fluorobiphenyl	0.0273		0.05000		54.6	10	130				
Surr: p-Terphenyl-d14	0.0297		0.05000		59.5	20	181				

Sample ID: **LCSD-103462** SampType: **LCSD** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/10/2026** RunNo: **251612**
Client ID: **BatchQC** Batch ID: **103462** TestNo: **SW8270** **SW3510C** Analysis Date: **10/12/2026** SeqNo: **6476815**

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

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103462**

Sample ID: **LCSD-103462**	SampType: **LCSD**	TestCode: **SVOC-MSTR**	Units: **%Rec**	Prep Date: **10/10/2026**	RunNo: **251612**
Client ID: **BatchQC**	Batch ID: **103462**	TestNo: **SW8270**	**SW3510C**	Analysis Date: **10/12/2026**	SeqNo: **6476815**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0104		0.05000		20.8	10	130		0		
Surr: Phenol-d6	0.00715		0.05000		14.3	10	130		0		
Surr: Nitrobenzene-d5	0.0151		0.05000		30.1	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0184		0.05000		36.9	16	151		0		
Surr: 2-Fluorobiphenyl	0.0159		0.05000		31.7	10	130		0		
Surr: p-Terphenyl-d14	0.0179		0.05000		35.7	20	181		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103462**

Sample ID: **MB-103462** SampType: **MBLK** TestCode: **SVOC-EXTR** Units: **µg/L** Prep Date: **10/10/2026** RunNo: **251618**
Client ID: **BatchQC** Batch ID: **103462** TestNo: **SW8270** **SW3510C** Analysis Date: **10/12/2026** SeqNo: **6476940**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0						QC-
Surr: 2-Fluorophenol	0		0.05000		0	10	131				S
Surr: Phenol-d6	0		0.05000		0	10	130				S
Surr: Nitrobenzene-d5	0		0.05000		0	10	157				S
Surr: 2,4,6-Tribromophenol	0		0.05000		0	19	151				S
Surr: 2-Fluorobiphenyl	0		0.05000		0	10	149				S
Surr: p-Terphenyl-d14	0		0.05000		0	20	181				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103464**

Sample ID: **26100585-004AMS** SampType: **MS** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/12/2026** RunNo: **251673**
Client ID: **BatchQC** Batch ID: **103464** TestNo: **E525** **525** Analysis Date: **10/13/2026** SeqNo: **6478472**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.71	0.0971	4.854	0	76.4	70	130				
2-Methylnaphthalene	5.37	0.0971	4.854	0	111	70	130				QC+
Acenaphthene	3.87	0.0971	4.854	0	79.8	70	130				
Acenaphthylene	4.02	0.0971	4.854	0	82.8	70	130				
Anthracene	4.13	0.0971	4.854	0	85.0	70	130				
Benz(a)anthracene	4.85	0.0971	4.854	0	100	70	130				
Benzo(a)pyrene	4.20	0.0971	4.854	0	86.6	70	130				
Benzo(b)fluoranthene	4.36	0.0971	4.854	0	89.8	70	130				
Benzo(g,h,i)perylene	4.33	0.0971	4.854	0	89.2	70	130				
Benzo(k)fluoranthene	4.60	0.0971	4.854	0	94.8	70	130				
Chrysene	4.60	0.0971	4.854	0	94.8	70	130				
Dibenz(a,h)anthracene	4.32	0.0971	4.854	0	89.0	70	130				
Fluoranthene	4.43	0.0971	4.854	0	91.2	70	130				
Fluorene	4.28	0.0971	4.854	0	88.2	70	130				
Indeno(1,2,3-cd)pyrene	4.10	0.971	4.854	0	84.4	70	130				m
Naphthalene	3.47	0.0971	4.854	0	71.4	70	130				
Phenanthrene	3.97	0.0971	4.854	0	81.8	70	130				
Pyrene	4.40	0.0971	4.854	0	90.6	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	4.11		4.854		84.6	70	130				
Surr: Benzo(a)pyrene-d12	5.11		4.854		105	70	130				
Surr: Triphenyl phosphate	4.95		4.854		102	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103464**

Sample ID: **26100585-004AMSD** SampType: **MSD** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/12/2026** RunNo: **251673**
Client ID: **BatchQC** Batch ID: **103464** TestNo: **E525** **525** Analysis Date: **10/13/2026** SeqNo: **6478473**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.98	0.0971	4.854	0	82.0	70	130	3.709	7.07	30	
2-Methylnaphthalene	5.72	0.0971	4.854	0	118	70	130	5.369	6.30	30	QC+
Acenaphthene	4.11	0.0971	4.854	0	84.6	70	130	3.874	5.84	30	
Acenaphthylene	4.26	0.0971	4.854	0	87.8	70	130	4.019	5.86	30	
Anthracene	4.32	0.0971	4.854	0	89.0	70	130	4.126	4.60	30	
Benz(a)anthracene	4.90	0.0971	4.854	0	101	70	130	4.854	0.995	30	
Benzo(a)pyrene	4.34	0.0971	4.854	0	89.4	70	130	4.204	3.18	30	
Benzo(b)fluoranthene	4.55	0.0971	4.854	0	93.8	70	130	4.359	4.36	30	
Benzo(g,h,i)perylene	4.41	0.0971	4.854	0	90.8	70	130	4.330	1.78	30	
Benzo(k)fluoranthene	4.71	0.0971	4.854	0	97.0	70	130	4.602	2.29	30	
Chrysene	4.76	0.0971	4.854	0	98.0	70	130	4.602	3.32	30	
Dibenz(a,h)anthracene	4.42	0.0971	4.854	0	91.0	70	130	4.320	2.22	30	
Fluoranthene	4.54	0.0971	4.854	0	93.6	70	130	4.427	2.60	30	
Fluorene	4.50	0.0971	4.854	0	92.8	70	130	4.282	5.08	30	
Indeno(1,2,3-cd)pyrene	4.22	0.971	4.854	0	87.0	70	130	4.097	3.03	30	m
Naphthalene	3.74	0.0971	4.854	0	77.0	70	130	3.466	7.55	30	
Phenanthrene	4.16	0.0971	4.854	0	85.6	70	130	3.971	4.54	30	
Pyrene	4.54	0.0971	4.854	0	93.6	70	130	4.398	3.26	30	
Surr: 1,3-Dimethyl-2-nitrobe...	4.33		4.854		89.2	70	130		0	0	
Surr: Benzo(a)pyrene-d12	5.11		4.854		105	70	130		0	0	
Surr: Triphenyl phosphate	5.03		4.854		104	70	130		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103464**

Sample ID: **MB-103464** SampType: **MBLK** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/11/2026** RunNo: **251557**
Client ID: **BatchQC** Batch ID: **103464** TestNo: **E525** **525** Analysis Date: **10/12/2026** SeqNo: **6475695**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	0.100									
2-Methylnaphthalene	ND	0.100									QC+
Acenaphthene	ND	0.100									
Acenaphthylene	ND	0.100									
Anthracene	ND	0.100									
Benz(a)anthracene	ND	0.100									
Benzo(a)pyrene	ND	0.100									
Benzo(b)fluoranthene	ND	0.100									
Benzo(g,h,i)perylene	ND	0.100									
Benzo(k)fluoranthene	ND	0.100									
Chrysene	ND	0.100									
Dibenz(a,h)anthracene	ND	0.100									
Fluoranthene	0.0400	0.100									J
Fluorene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Naphthalene	ND	0.100									
Phenanthrene	ND	0.100									
Pyrene	0.0300	0.100									J
Surr: 1,3-Dimethyl-2-nitrobe...	4.26		5.000		85.2	70	130				
Surr: Benzo(a)pyrene-d12	4.90		5.000		98.0	70	130				
Surr: Triphenyl phosphate	5.70		5.000		114	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103464**

Sample ID: **LCS-103464**	SampType: **LCS**	TestCode: **SVOC_DW(52**	Units: **µg/L**	Prep Date: **10/11/2026**	RunNo: **251557**
Client ID: **BatchQC**	Batch ID: **103464**	TestNo: **E525**	**525**	Analysis Date: **10/12/2026**	SeqNo: **6475696**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.98	0.100	5.000	0	79.6	70	130				
2-Methylnaphthalene	5.52	0.100	5.000	0	110	70	130				QC+
Acenaphthene	4.01	0.100	5.000	0	80.2	70	130				
Acenaphthylene	4.11	0.100	5.000	0	82.2	70	130				
Anthracene	4.25	0.100	5.000	0	85.0	70	130				
Benz(a)anthracene	4.81	0.100	5.000	0	96.2	70	130				
Benzo(a)pyrene	4.26	0.100	5.000	0	85.2	70	130				
Benzo(b)fluoranthene	4.22	0.100	5.000	0	84.4	70	130				
Benzo(g,h,i)perylene	4.37	0.100	5.000	0	87.4	70	130				
Benzo(k)fluoranthene	4.86	0.100	5.000	0	97.2	70	130				
Chrysene	4.76	0.100	5.000	0	95.2	70	130				
Dibenz(a,h)anthracene	4.28	0.100	5.000	0	85.6	70	130				
Fluoranthene	4.51	0.100	5.000	0	90.2	70	130				
Fluorene	4.37	0.100	5.000	0	87.4	70	130				
Indeno(1,2,3-cd)pyrene	4.05	1.00	5.000	0	81.0	70	130				m
Naphthalene	3.69	0.100	5.000	0	73.8	70	130				
Phenanthrene	4.08	0.100	5.000	0	81.6	70	130				
Pyrene	4.55	0.100	5.000	0	91.0	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	4.19		5.000		83.8	70	130				
Surr: Benzo(a)pyrene-d12	4.82		5.000		96.4	70	130				
Surr: Triphenyl phosphate	5.08		5.000		102	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103464**

Sample ID: **LCSD-103464**	SampType: **LCSD**	TestCode: **SVOC_DW(52**	Units: **µg/L**	Prep Date: **10/11/2026**	RunNo: **251557**
Client ID: **BatchQC**	Batch ID: **103464**	TestNo: **E525**	**525**	Analysis Date: **10/12/2026**	SeqNo: **6475698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.81	0.100	5.000	0	76.2	70	130	3.980	4.36	30	
2-Methylnaphthalene	5.22	0.100	5.000	0	104	70	130	5.520	5.59	30	QC+
Acenaphthene	3.87	0.100	5.000	0	77.4	70	130	4.010	3.55	30	
Acenaphthylene	3.97	0.100	5.000	0	79.4	70	130	4.110	3.47	30	
Anthracene	4.12	0.100	5.000	0	82.4	70	130	4.250	3.11	30	
Benz(a)anthracene	4.77	0.100	5.000	0	95.4	70	130	4.810	0.835	30	
Benzo(a)pyrene	4.30	0.100	5.000	0	86.0	70	130	4.260	0.935	30	
Benzo(b)fluoranthene	4.25	0.100	5.000	0	85.0	70	130	4.220	0.708	30	
Benzo(g,h,i)perylene	4.32	0.100	5.000	0	86.4	70	130	4.370	1.15	30	
Benzo(k)fluoranthene	4.90	0.100	5.000	0	98.0	70	130	4.860	0.820	30	
Chrysene	4.74	0.100	5.000	0	94.8	70	130	4.760	0.421	30	
Dibenz(a,h)anthracene	4.24	0.100	5.000	0	84.8	70	130	4.280	0.939	30	
Fluoranthene	4.42	0.100	5.000	0	88.4	70	130	4.510	2.02	30	
Fluorene	4.22	0.100	5.000	0	84.4	70	130	4.370	3.49	30	
Indeno(1,2,3-cd)pyrene	4.04	1.00	5.000	0	80.8	70	130	4.050	0.247	30	m
Naphthalene	3.51	0.100	5.000	0	70.2	70	130	3.690	5.00	30	
Phenanthrene	3.92	0.100	5.000	0	78.4	70	130	4.080	4.00	30	
Pyrene	4.45	0.100	5.000	0	89.0	70	130	4.550	2.22	30	
Surr: 1,3-Dimethyl-2-nitrobe...	3.97		5.000		79.4	70	130		0	30	
Surr: Benzo(a)pyrene-d12	4.83		5.000		96.6	70	130		0	30	
Surr: Triphenyl phosphate	4.99		5.000		99.8	70	130		0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R249231**

Sample ID: **26090423-002AMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **249231**
Client ID: **BatchQC** Batch ID: **R249231** TestNo: **SW8260** Analysis Date: **9/8/2026** SeqNo: **6414347**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	23700		25000		94.6	70	130				
Surr: Dibromofluoromethane	23600		25000		94.5	70	130				
Surr: Toluene-d8	24600		25000		98.2	70	130				

Sample ID: **26090423-002AMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **249231**
Client ID: **BatchQC** Batch ID: **R249231** TestNo: **SW8260** Analysis Date: **9/9/2026** SeqNo: **6414348**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	23700		25000		94.6	70	130		0	20	
Surr: Dibromofluoromethane	24100		25000		96.5	70	130		0	20	
Surr: Toluene-d8	24800		25000		99.2	70	130		0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R249231**

Sample ID: **LCS-R249231** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **249231**
Client ID: **BatchQC** Batch ID: **R249231** TestNo: **SW8260** Analysis Date: **9/8/2026** SeqNo: **6414341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	47.2		50.00		94.5	70	130				
Surr: Dibromofluoromethane	47.6		50.00		95.2	70	130				
Surr: Toluene-d8	47.9		50.00		95.7	70	130				

Sample ID: **MB-R249231** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **249231**
Client ID: **BatchQC** Batch ID: **R249231** TestNo: **SW8260** Analysis Date: **9/8/2026** SeqNo: **6414342**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51.1		50.00		102	70	130				
Surr: Dibromofluoromethane	54.7		50.00		109	70	130				
Surr: Toluene-d8	50.6		50.00		101	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251530**

Sample ID: **LCS-R251530** SampType: **LCS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.56	0.500	5.000	0	91.1	70	130				
1,2,4-Trimethylbenzene	4.20	0.500	5.000	0	84.0	70	130				
Benzene	4.53	0.500	5.000	0	90.6	70	130				
Ethylbenzene	4.10	0.500	5.000	0	82.0	70	130				
m,p-Xylene	8.40	0.500	10.00	0	84.0	70	130				
Naphthalene	3.64	0.500	5.000	0	72.8	70	130				
o-Xylene	4.27	0.500	5.000	0	85.4	70	130				
Toluene	3.98	0.500	5.000	0	79.6	70	130				
Vinyl chloride	4.81	0.500	5.000	0	96.2	70	130				
Surr: 1,2-Dichlorobenzene-d4	8.09		10.00		80.9	70	130				
Surr: 4-Bromofluorobenzene	10.6		10.00		106	70	130				

Sample ID: **MB-R251530** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.500									
Benzene	ND	0.500									
Ethylbenzene	ND	0.500									
m,p-Xylene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
Toluene	ND	0.500									
Vinyl chloride	ND	0.500									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251530**

Sample ID: **MB-R251530** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	8.14		10.00		81.4	70	130				
Surr: 4-Bromofluorobenzene	9.56		10.00		95.6	70	130				

Sample ID: **26100585-004CMS** SampType: **MS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.62	0.500	5.000	0	92.5	70	130				QMR
1,2,4-Trimethylbenzene	4.14	0.500	5.000	0	82.8	70	130				QMR
Benzene	4.93	0.500	5.000	0	98.5	70	130				QMR
Ethylbenzene	4.24	0.500	5.000	0	84.8	70	130				QMR
m,p-Xylene	8.46	0.500	10.00	0	84.6	70	130				QMR
Naphthalene	3.73	0.500	5.000	0	74.7	70	130				QMR
o-Xylene	4.40	0.500	5.000	0	88.1	70	130				QMR
Toluene	4.16	0.500	5.000	0	83.3	70	130				QMR
Vinyl chloride	5.58	0.500	5.000	0	112	70	130				QMR
Surr: 1,2-Dichlorobenzene-d4	10.1		10.00		101	70	130				
Surr: 4-Bromofluorobenzene	10.7		10.00		107	70	130				

Sample ID: **26100585-004CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475036**

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

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251530**

Sample ID: **26100585-004CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251530**
Client ID: **BatchQC** Batch ID: **R251530** TestNo: **E524.2** Analysis Date: **10/9/2026** SeqNo: **6475036**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	7.17	0.500	5.000	0	143	70	130	4.623	43.2	25	RS
1,2,4-Trimethylbenzene	6.92	0.500	5.000	0	138	70	130	4.140	50.3	25	RS
Benzene	6.90	0.500	5.000	0	138	70	130	4.926	33.4	25	RS
Ethylbenzene	6.82	0.500	5.000	0	136	70	130	4.241	46.6	25	RS
m,p-Xylene	13.8	0.500	10.00	0	138	70	130	8.462	48.1	25	RS
Naphthalene	6.23	0.500	5.000	0	125	70	130	3.734	50.1	25	R
o-Xylene	7.23	0.500	5.000	0	145	70	130	4.405	48.6	25	RS
Toluene	6.71	0.500	5.000	0	134	70	130	4.164	46.8	25	RS
Vinyl chloride	8.56	0.500	5.000	0	171	70	130	5.576	42.2	25	RS
Surr: 1,2-Dichlorobenzene-d4	10.4		10.00		104	70	130		0	25	
Surr: 4-Bromofluorobenzene	10.7		10.00		107	70	130		0	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251577**

Sample ID: **26100477-001AMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **251577**
Client ID: **BatchQC** Batch ID: **R251577** TestNo: **SW8260** Analysis Date: **10/12/2026** SeqNo: **6476084**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	2370		2500		94.9	70	130				
Surr: Dibromofluoromethane	2390		2500		95.4	70	133				
Surr: Toluene-d8	2460		2500		98.5	70	130				

Sample ID: **26100477-001AMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **251577**
Client ID: **BatchQC** Batch ID: **R251577** TestNo: **SW8260** Analysis Date: **10/12/2026** SeqNo: **6476085**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	2490		2500		99.6	70	130		0	20	
Surr: Dibromofluoromethane	2410		2500		96.5	70	133		0	20	
Surr: Toluene-d8	2480		2500		99.1	70	130		0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251577**

Sample ID: **LCS-R251577** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251577**
Client ID: **BatchQC** Batch ID: **R251577** TestNo: **SW8260** Analysis Date: **10/12/2026** SeqNo: **6476067**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	19.0	5.00	20.00	0	94.9	49	190				
n-Butyl acrylate	16.2	5.00	20.00	0	80.8	53	150				
Surr: 4-Bromofluorobenzene	48.6		50.00		97.3	70	130				
Surr: Dibromofluoromethane	49.3		50.00		98.7	70	133				
Surr: Toluene-d8	48.2		50.00		96.5	70	130				

Sample ID: **MB-R251577** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251577**
Client ID: **BatchQC** Batch ID: **R251577** TestNo: **SW8260** Analysis Date: **10/12/2026** SeqNo: **6476070**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00									
n-Butyl acrylate	ND	5.00									
Surr: 4-Bromofluorobenzene	52.2		50.00		104	70	130				
Surr: Dibromofluoromethane	55.2		50.00		110	70	133				
Surr: Toluene-d8	50.6		50.00		101	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251578**

Sample ID: **LCS-R251578** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251578**
Client ID: **BatchQC** Batch ID: **R251578** TestNo: **SW8260** Analysis Date: **10/12/2026** SeqNo: **6476145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	18.1	5.00	20.00	0	90.7	49	190				
n-Butyl acrylate	17.8	5.00	20.00	0	89.1	53	150				
Surr: 4-Bromofluorobenzene	48.0		50.00		95.9	70	130				
Surr: Dibromofluoromethane	48.0		50.00		95.9	70	133				
Surr: Toluene-d8	48.2		50.00		96.3	70	130				

Sample ID: **MB-R251578** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251578**
Client ID: **BatchQC** Batch ID: **R251578** TestNo: **SW8260** Analysis Date: **10/13/2026** SeqNo: **6476148**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00									
n-Butyl acrylate	ND	5.00									
Surr: 4-Bromofluorobenzene	50.6		50.00		101	70	130				
Surr: Dibromofluoromethane	53.5		50.00		107	70	133				
Surr: Toluene-d8	48.6		50.00		97.2	70	130				

Sample ID: **26100560-007AMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251578**
Client ID: **BatchQC** Batch ID: **R251578** TestNo: **SW8260** Analysis Date: **10/13/2026** SeqNo: **6476156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	977	250	1000	0	97.7	70	184				
n-Butyl acrylate	868	250	1000	0	86.9	19	171				
Surr: 4-Bromofluorobenzene	2370		2500		94.7	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

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#: **26100496**

16-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251578**

Sample ID: **26100560-007AMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251578**
Client ID: **BatchQC** Batch ID: **R251578** TestNo: **SW8260** Analysis Date: **10/13/2026** SeqNo: **6476156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	2360		2500		94.4	70	133				
Surr: Toluene-d8	2500		2500		100	70	130				

Sample ID: **26100560-007AMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251578**
Client ID: **BatchQC** Batch ID: **R251578** TestNo: **SW8260** Analysis Date: **10/13/2026** SeqNo: **6476157**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	1090	250	1000	0	109	70	184	976.6	10.9	20	
n-Butyl acrylate	871	250	1000	0	87.1	19	171	868.5	0.328	20	
Surr: 4-Bromofluorobenzene	2290		2500		91.5	70	130		0	20	
Surr: Dibromofluoromethane	2440		2500		97.5	70	133		0	20	
Surr: Toluene-d8	2510		2500		100	70	130		0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceed
M	Manual Integration used to determine area response	ND	Not Detected	PL	Permit Limit
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	W	Sample container temperature is out of limit as sp
J	Analyte detected below quantitation limits				

Original

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

Qualifiers and Acronyms

WO#: **26100496**
Date: **10/16/2026**

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.

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

DATES REPORT

WO#: **26100496**

16-Oct-26

Client: Columbiana County Health District

Project: East Palestine

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26100496-001A	PW-312	10/6/2026 12:40:00 PM	Drinking Water	Synthetic Organic Compounds by GC/ (EPA 525.3)		10/12/2026 10:30:00 PM	10/13/2026 5:35:00 PM
26100496-001B				SVOC by 8270E		10/10/2026 3:41:19 PM	10/12/2026 8:25:00 PM
26100496-001C				VOC-GC/MS (524.2)			10/9/2026 7:21:00 PM
26100496-001D				VOC by GC/MS (8260D)			10/13/2026 2:37:00 AM
26100496-002A	FB-312	10/6/2026 12:20:00 PM		Synthetic Organic Compounds by GC/ (EPA 525.3)		10/12/2026 10:30:00 PM	10/13/2026 6:08:00 PM
26100496-002B				SVOC by 8270E		10/10/2026 3:41:19 PM	10/12/2026 8:57:00 PM
26100496-002C				VOC-GC/MS (524.2)			10/9/2026 7:49:00 PM
26100496-002D				VOC by GC/MS (8260D)			10/13/2026 3:06:00 AM
26100496-003A	Trip Blank		Non-Potable Water	VOC-GC/MS (524.2)			10/9/2026 12:51:00 PM
26100496-003B				VOC by GC/MS (8260D)			10/12/2026 2:11:00 PM

Original

DC-QACOC338 Rev. 5

Effective Date: 2/12/2025

Alliance TECHNICAL GROUP

3310 Win Street Cuyahoga
Falls, Ohio 44223
(330) 253-8211

Analysis Request / Chain of Custody

https://www.allianceetg.com/services/environmental
https://settek.com/

LAB WO NO.: For Alliance Technical Group, LLC-Akron use only — 26100496

Client Name	CCHD
Client Street Address	7360 SR 45
City / State / Zip	Lisbon / OH / 44432
Client Phone	330-424-0272
Contact Person	Kevin Summerville
Client Email Address	ksummerville@columbiana-health.org
Sampled By (Print Name and Provide Signature)	Print: Emma Gray; Sign: Emma Gray
For DW only, results to be reported to state by lab if yes, lab fee may apply:	Y ☐ N ☐
Project Identification	East Palestine [redacted]
	CCHD
PO #	
Quote Number	
PWS ID	
Facility ID	
Reporting/Accreditation Requirements:	☐ Ohio VAP ☐ Ohio EPA Pb, Cu ☐ Drinking Water Compliance ☐ BUSTR
Other Compliance (List State/ Program):	

Analytical Parameters and Methods Requested

#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Potable Water, DW = Drinking Water	Preservation: 1) HNO3; 2) H2SO4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comments)	Number of Containers per Sample	524	8270	525	8260						For DW Only: Special Compliance or Routine (S/R)
	PW-312	Pressure Tank	10/6/26	12:40	✔		DW	8	10	✔	✔	✔	✔						
	FB-312	Field Blank	10/6/26	12:20	✔		DW	8	10	✔	✔	✔	✔						

Relinquished by:	Date	Time	Received by:	Date	Time
Emma Gray	10/07/26	900	T. Lurst	10-7-26	9:00
T. Lurst	10-7-26	1540			

Notes / Comments: 524: HCl, 8260: HCl, 525: Sodium Sulfite
3.2+0.0

Sufficient volume for analysis? (YES) NO

Cooler? (YES) NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[signature]	10/7/26	1540	ATG

RUSH Requested: ____Day(s)
Please provide advanced notice of rush requests whenever possible.

Receipt Temperature: 3.2 °C

Cooler Seals? INTACT NOT INTACT (N/A)
Sample Seals? INTACT NOT INTACT (N/A)
Ice Present? (YES) NO MELTED N/A

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

Sample Log-In Check List

Client Name: **COL-OH-44432** Work Order Number: **26100496** RcptNo: **1**

Logged by:	**Spencer M. Hartwell**	**10/7/2026 3:40:00 PM**	Spencer M. Hartwell
Completed By:	**Spencer M. Hartwell**	**10/8/2026 10:03:45 AM**	Spencer M. Hartwell
Reviewed By:	**Holly Florea**	**10/8/2026 11:28:35 AM**	Holly Florea

Chain of Custody

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

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: 10/7/2026 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 ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.2	Good	Yes		10/7/2026	