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

October 20, 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.: 26100863

Alliance Technical Group - Akron received 7 sample(s) on 10/13/2026 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#: **26100863**

20-Oct-26

CLIENT: Columbiana County Health District
Project: East Palestine

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26100863-001	PW-636		10/10/2026 11:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-001	PW-636		10/10/2026 11:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-001	PW-636		10/10/2026 11:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-001	PW-636		10/10/2026 11:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-002	FB-636		10/10/2026 11:10:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-002	FB-636		10/10/2026 11:10:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-002	FB-636		10/10/2026 11:10:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-002	FB-636		10/10/2026 11:10:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-003	PW-330		10/10/2026 9:40:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-003	PW-330		10/10/2026 9:40:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-003	PW-330		10/10/2026 9:40:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-003	PW-330		10/10/2026 9:40:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-004	PW-105R		10/10/2026 10:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-004	PW-105R		10/10/2026 10:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-004	PW-105R		10/10/2026 10:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-004	PW-105R		10/10/2026 10:25:00 AM	10/13/2026 10:00:00 AM	Drinking Water
26100863-005	TRIP BLANK 1			10/13/2026 10:00:00 AM	Drinking Water
26100863-005	TRIP BLANK 1			10/13/2026 10:00:00 AM	Drinking Water
26100863-006	TRIP BLANK 2			10/13/2026 10:00:00 AM	Drinking Water
26100863-006	TRIP BLANK 2			10/13/2026 10:00:00 AM	Drinking Water
26100863-007	TRIP BLANK 3			10/13/2026 10:00:00 AM	Drinking Water
26100863-007	TRIP BLANK 3			10/13/2026 10:00:00 AM	Drinking 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#: **26100863**
Date: **10/20/2026**

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:
26100863: 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:
26100863-001, 002 SVOC_DW(525.3): Possible high bias for analyte 2-Methylnaphthalene due to high CCV recovery. Sample is ND.+

26100863-003, 004 SVOC_DW(525.3): Possible high bias due to high surrogate recovery. Sample is ND. 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-001 **Collection Date:** 10/10/2026 11:25:00 AM

Client Sample ID PW-636 **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	103594	10/19/2026 12:37:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103594	10/19/2026 12:37:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103594	10/19/2026 12:37:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	93.4		70-130		%Rec	1	103594	10/19/2026 12:37:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	103594	10/19/2026 12:37:00 PM
Surr: Triphenyl phosphate	124		70-130		%Rec	1	103594	10/19/2026 12:37:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	103534	10/16/2026 6:21:00 PM
Surr: Nitrobenzene-d5	65.7		10-130		%Rec	1	103534	10/16/2026 6:21:00 PM
Surr: 2-Fluorobiphenyl	55.3		10-130		%Rec	1	103534	10/16/2026 6:21:00 PM
Surr: p-Terphenyl-d14	85.7		20-181		%Rec	1	103534	10/16/2026 6:21:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 4:04:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 4:04:00 PM
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%Rec	1	R251796	10/14/2026 4:04:00 PM
Surr: 4-Bromofluorobenzene	97.0		70-130		%Rec	1	R251796	10/14/2026 4:04:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-001 **Collection Date:** 10/10/2026 11:25:00 AM

Client Sample ID PW-636 **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	R251891	10/16/2026 6:48:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251891	10/16/2026 6:48:00 AM
Surr: 4-Bromofluorobenzene	100		70-130		%Rec	1	R251891	10/16/2026 6:48:00 AM
Surr: Dibromofluoromethane	111		70-133		%Rec	1	R251891	10/16/2026 6:48:00 AM
Surr: Toluene-d8	99.9		70-130		%Rec	1	R251891	10/16/2026 6:48:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-002 **Collection Date:** 10/10/2026 11:10:00 AM

Client Sample ID FB-636 **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	0.00363	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
2-Methylnaphthalene	ND	0.00534	0.100	QC+	µg/L	1	103594	10/19/2026 1:11:00 PM
Acenaphthene	ND	0.00472	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Acenaphthylene	ND	0.00324	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Anthracene	ND	0.00952	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Benz(a)anthracene	ND	0.00394	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Benzo(a)pyrene	ND	0.00393	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Benzo(b)fluoranthene	ND	0.00461	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Benzo(g,h,i)perylene	ND	0.00416	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Benzo(k)fluoranthene	ND	0.00520	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Chrysene	ND	0.00440	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Dibenz(a,h)anthracene	ND	0.00366	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Fluoranthene	ND	0.0308	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Fluorene	ND	0.00385	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00437	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Naphthalene	ND	0.0458	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Phenanthrene	ND	0.00391	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Pyrene	ND	0.00642	0.100		µg/L	1	103594	10/19/2026 1:11:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	92.8		70-130		%Rec	1	103594	10/19/2026 1:11:00 PM
Surr: Benzo(a)pyrene-d12	107		70-130		%Rec	1	103594	10/19/2026 1:11:00 PM
Surr: Triphenyl phosphate	126		70-130		%Rec	1	103594	10/19/2026 1:11:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103534	10/16/2026 6:55:00 PM
Surr: Nitrobenzene-d5	81.6		10-130		%Rec	1	103534	10/16/2026 6:55:00 PM
Surr: 2-Fluorobiphenyl	71.7		10-130		%Rec	1	103534	10/16/2026 6:55:00 PM
Surr: p-Terphenyl-d14	106		20-181		%Rec	1	103534	10/16/2026 6:55:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 4:31:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 4:31:00 PM
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%Rec	1	R251796	10/14/2026 4:31:00 PM
Surr: 4-Bromofluorobenzene	95.9		70-130		%Rec	1	R251796	10/14/2026 4:31:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-002 **Collection Date:** 10/10/2026 11:10:00 AM

Client Sample ID FB-636 **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	R251890	10/15/2026 11:33:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251890	10/15/2026 11:33:00 PM
Surr: 4-Bromofluorobenzene	103		70-130		%Rec	1	R251890	10/15/2026 11:33:00 PM
Surr: Dibromofluoromethane	92.3		70-133		%Rec	1	R251890	10/15/2026 11:33:00 PM
Surr: Toluene-d8	106		70-130		%Rec	1	R251890	10/15/2026 11:33:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-003 **Collection Date:** 10/10/2026 9:40:00 AM

Client Sample ID PW-330 **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	103594	10/19/2026 1:44:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103594	10/19/2026 1:44:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103594	10/19/2026 1:44:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	102		70-130		%Rec	1	103594	10/19/2026 1:44:00 PM
Surr: Benzo(a)pyrene-d12	110		70-130		%Rec	1	103594	10/19/2026 1:44:00 PM
Surr: Triphenyl phosphate	139		70-130	S	%Rec	1	103594	10/19/2026 1:44:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	103534	10/16/2026 7:29:00 PM
Surr: Nitrobenzene-d5	72.3		10-130		%Rec	1	103534	10/16/2026 7:29:00 PM
Surr: 2-Fluorobiphenyl	65.0		10-130		%Rec	1	103534	10/16/2026 7:29:00 PM
Surr: p-Terphenyl-d14	106		20-181		%Rec	1	103534	10/16/2026 7:29:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 4:59:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 4:59:00 PM
Surr: 1,2-Dichlorobenzene-d4	107		70-130		%Rec	1	R251796	10/14/2026 4:59:00 PM
Surr: 4-Bromofluorobenzene	96.4		70-130		%Rec	1	R251796	10/14/2026 4:59:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-003 **Collection Date:** 10/10/2026 9:40:00 AM

Client Sample ID PW-330 **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	R251891	10/16/2026 7:17:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251891	10/16/2026 7:17:00 AM
Surr: 4-Bromofluorobenzene	104		70-130		%Rec	1	R251891	10/16/2026 7:17:00 AM
Surr: Dibromofluoromethane	115		70-133		%Rec	1	R251891	10/16/2026 7:17:00 AM
Surr: Toluene-d8	103		70-130		%Rec	1	R251891	10/16/2026 7:17:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-004 **Collection Date:** 10/10/2026 10:25:00 AM

Client Sample ID PW-105R **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	103594	10/19/2026 2:17:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971	QC+	µg/L	1	103594	10/19/2026 2:17:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	103594	10/19/2026 2:17:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	91.2		70-130		%Rec	1	103594	10/19/2026 2:17:00 PM
Surr: Benzo(a)pyrene-d12	104		70-130		%Rec	1	103594	10/19/2026 2:17:00 PM
Surr: Triphenyl phosphate	134		70-130	S	%Rec	1	103594	10/19/2026 2:17:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	103534	10/16/2026 8:02:00 PM
Surr: Nitrobenzene-d5	71.2		10-130		%Rec	1	103534	10/16/2026 8:02:00 PM
Surr: 2-Fluorobiphenyl	61.8		10-130		%Rec	1	103534	10/16/2026 8:02:00 PM
Surr: p-Terphenyl-d14	95.9		20-181		%Rec	1	103534	10/16/2026 8:02:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 5:27:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 5:27:00 PM
Surr: 1,2-Dichlorobenzene-d4	110		70-130		%Rec	1	R251796	10/14/2026 5:27:00 PM
Surr: 4-Bromofluorobenzene	103		70-130		%Rec	1	R251796	10/14/2026 5:27:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-004 **Collection Date:** 10/10/2026 10:25:00 AM

Client Sample ID PW-105R **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	R251891	10/16/2026 7:47:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251891	10/16/2026 7:47:00 AM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251891	10/16/2026 7:47:00 AM
Surr: Dibromofluoromethane	109		70-133		%Rec	1	R251891	10/16/2026 7:47:00 AM
Surr: Toluene-d8	102		70-130		%Rec	1	R251891	10/16/2026 7:47:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-005 **Collection Date:**

Client Sample ID TRIP BLANK 1 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 11:52:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 11:52:00 AM
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%Rec	1	R251796	10/14/2026 11:52:00 AM
Surr: 4-Bromofluorobenzene	103		70-130		%Rec	1	R251796	10/14/2026 11:52:00 AM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **FF**
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251890	10/15/2026 5:08:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251890	10/15/2026 5:08:00 PM
Surr: 4-Bromofluorobenzene	100		70-130		%Rec	1	R251890	10/15/2026 5:08:00 PM
Surr: Dibromofluoromethane	93.6		70-133		%Rec	1	R251890	10/15/2026 5:08:00 PM
Surr: Toluene-d8	110		70-130		%Rec	1	R251890	10/15/2026 5:08:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-006 **Collection Date:**

Client Sample ID TRIP BLANK 2 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 12:20:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 12:20:00 PM
Surr: 1,2-Dichlorobenzene-d4	91.1		70-130		%Rec	1	R251796	10/14/2026 12:20:00 PM
Surr: 4-Bromofluorobenzene	95.5		70-130		%Rec	1	R251796	10/14/2026 12:20:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **FF**
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251890	10/15/2026 5:36:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251890	10/15/2026 5:36:00 PM
Surr: 4-Bromofluorobenzene	102		70-130		%Rec	1	R251890	10/15/2026 5:36:00 PM
Surr: Dibromofluoromethane	92.4		70-133		%Rec	1	R251890	10/15/2026 5:36:00 PM
Surr: Toluene-d8	107		70-130		%Rec	1	R251890	10/15/2026 5:36:00 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#: **26100863**

Date Reported: **10/20/2026**

Lab ID: 26100863-007 **Collection Date:**

Client Sample ID TRIP BLANK 3 **Matrix:** DRINKING WATER

Analysis	Result	MDL	RL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **FF**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R251796	10/14/2026 5:55:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R251796	10/14/2026 5:55:00 PM
Surr: 1,2-Dichlorobenzene-d4	96.2		70-130		%Rec	1	R251796	10/14/2026 5:55:00 PM
Surr: 4-Bromofluorobenzene	94.8		70-130		%Rec	1	R251796	10/14/2026 5:55:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **FF**
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R251890	10/15/2026 6:03:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R251890	10/15/2026 6:03:00 PM
Surr: 4-Bromofluorobenzene	101		70-130		%Rec	1	R251890	10/15/2026 6:03:00 PM
Surr: Dibromofluoromethane	94.9		70-133		%Rec	1	R251890	10/15/2026 6:03:00 PM
Surr: Toluene-d8	108		70-130		%Rec	1	R251890	10/15/2026 6:03:00 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 FAX: (330) 253-4489
Website: http://www.settek.com

QC SUMMARY REPORT

WO#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103534**

Sample ID: **26100866-001BMS** SampType: **MS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/14/2026** RunNo: **252010**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/16/2026** SeqNo: **6487153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0224		0.04854		46.1	10	130				
Surr: Phenol-d6	0.0138		0.04854		28.5	10	130				
Surr: Nitrobenzene-d5	0.0388		0.04854		80.0	10	130				
Surr: 2,4,6-Tribromophenol	0.0363		0.04854		74.8	16	151				
Surr: 2-Fluorobiphenyl	0.0326		0.04854		67.2	10	130				
Surr: p-Terphenyl-d14	0.0388		0.04854		79.9	20	181				

Sample ID: **26100866-001BMSD** SampType: **MSD** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/14/2026** RunNo: **252010**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/16/2026** SeqNo: **6487155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0217		0.04854		44.8	10	130		0		
Surr: Phenol-d6	0.0136		0.04854		28.0	10	130		0		
Surr: Nitrobenzene-d5	0.0372		0.04854		76.7	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0397		0.04854		81.9	16	151		0		
Surr: 2-Fluorobiphenyl	0.0338		0.04854		69.7	10	130		0		
Surr: p-Terphenyl-d14	0.0460		0.04854		94.7	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103534**

Sample ID: **MB-103534** SampType: **MBLK** TestCode: **SVOC-MSTR** Units: **µg/L** Prep Date: **10/13/2026** RunNo: **251746**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/14/2026** SeqNo: **6480499**

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	0.0150		0.05000		30.0	10	130				
Surr: Phenol-d6	0.00921		0.05000		18.4	10	130				
Surr: Nitrobenzene-d5	0.0240		0.05000		47.9	10	130				
Surr: 2,4,6-Tribromophenol	0.0249		0.05000		49.8	16	151				
Surr: 2-Fluorobiphenyl	0.0118		0.05000		23.7	10	130				
Surr: p-Terphenyl-d14	0.0356		0.05000		71.1	20	181				

Sample ID: **LCS-103534** SampType: **LCS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/13/2026** RunNo: **251746**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/14/2026** SeqNo: **6480503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0172		0.05000		34.4	10	130				
Surr: Phenol-d6	0.0148		0.05000		29.6	10	130				
Surr: Nitrobenzene-d5	0.0310		0.05000		62.0	10	130				
Surr: 2,4,6-Tribromophenol	0.0431		0.05000		86.2	16	151				
Surr: 2-Fluorobiphenyl	0.0259		0.05000		51.8	10	130				
Surr: p-Terphenyl-d14	0.0381		0.05000		76.1	20	181				

Sample ID: **LCSD-103534** SampType: **LCSD** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/13/2026** RunNo: **251746**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/14/2026** SeqNo: **6480504**

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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103534**

Sample ID: **LCSD-103534** SampType: **LCSD** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **10/13/2026** RunNo: **251746**
Client ID: **BatchQC** Batch ID: **103534** TestNo: **SW8270** **SW3510C** Analysis Date: **10/14/2026** SeqNo: **6480504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0235		0.05000		47.1	10	130		0		
Surr: Phenol-d6	0.0173		0.05000		34.5	10	130		0		
Surr: Nitrobenzene-d5	0.0433		0.05000		86.6	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0419		0.05000		83.8	16	151		0		
Surr: 2-Fluorobiphenyl	0.0330		0.05000		66.1	10	130		0		
Surr: p-Terphenyl-d14	0.0394		0.05000		78.8	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103594**

Sample ID: **MB-103594**	SampType: **MBLK**	TestCode: **SVOC_DW(52** Units: **µg/L**	Prep Date: **10/15/2026**	RunNo: **252070**
Client ID: **BatchQC**	Batch ID: **103594**	TestNo: **E525** **525**	Analysis Date: **10/19/2026**	SeqNo: **6488311**

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	ND	0.100									
Fluorene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Naphthalene	ND	0.100									
Phenanthrene	ND	0.100									
Pyrene	ND	0.100									
Surr: 1,3-Dimethyl-2-nitrobe...	4.68		5.000		93.6	70	130				
Surr: Benzo(a)pyrene-d12	5.36		5.000		107	70	130				
Surr: Triphenyl phosphate	6.47		5.000		129	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103594**

Sample ID: **LCS-103594** SampType: **LCS** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/15/2026** RunNo: **252070**
Client ID: **BatchQC** Batch ID: **103594** TestNo: **E525** **525** Analysis Date: **10/19/2026** SeqNo: **6488312**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.02	0.100	5.000	0	80.4	70	130				
2-Methylnaphthalene	5.52	0.100	5.000	0	110	70	130				QC+
Acenaphthene	4.11	0.100	5.000	0	82.2	70	130				
Acenaphthylene	4.20	0.100	5.000	0	84.0	70	130				
Anthracene	4.29	0.100	5.000	0	85.8	70	130				
Benz(a)anthracene	4.95	0.100	5.000	0	99.0	70	130				
Benzo(a)pyrene	4.49	0.100	5.000	0	89.8	70	130				
Benzo(b)fluoranthene	4.59	0.100	5.000	0	91.8	70	130				
Benzo(g,h,i)perylene	4.58	0.100	5.000	0	91.6	70	130				
Benzo(k)fluoranthene	5.13	0.100	5.000	0	103	70	130				
Chrysene	5.11	0.100	5.000	0	102	70	130				
Dibenz(a,h)anthracene	4.51	0.100	5.000	0	90.2	70	130				
Fluoranthene	4.72	0.100	5.000	0	94.4	70	130				
Fluorene	4.55	0.100	5.000	0	91.0	70	130				
Indeno(1,2,3-cd)pyrene	4.29	1.00	5.000	0	85.8	70	130				m
Naphthalene	3.71	0.100	5.000	0	74.2	70	130				
Phenanthrene	4.19	0.100	5.000	0	83.8	70	130				
Pyrene	4.73	0.100	5.000	0	94.6	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	4.57		5.000		91.4	70	130				
Surr: Benzo(a)pyrene-d12	5.65		5.000		113	70	130				
Surr: Triphenyl phosphate	6.04		5.000		121	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103594**

Sample ID: **LCSD-103594**	SampType: **LCSD**	TestCode: **SVOC_DW(52**	Units: **µg/L**	Prep Date: **10/15/2026**	RunNo: **252070**
Client ID: **BatchQC**	Batch ID: **103594**	TestNo: **E525**	**525**	Analysis Date: **10/19/2026**	SeqNo: **6488313**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.95	0.100	5.000	0	79.0	70	130	4.020	1.76	30	
2-Methylnaphthalene	5.50	0.100	5.000	0	110	70	130	5.520	0.363	30	QC+
Acenaphthene	4.03	0.100	5.000	0	80.6	70	130	4.110	1.97	30	
Acenaphthylene	4.13	0.100	5.000	0	82.6	70	130	4.200	1.68	30	
Anthracene	4.23	0.100	5.000	0	84.6	70	130	4.290	1.41	30	
Benz(a)anthracene	5.01	0.100	5.000	0	100	70	130	4.950	1.20	30	
Benzo(a)pyrene	4.43	0.100	5.000	0	88.6	70	130	4.490	1.35	30	
Benzo(b)fluoranthene	4.54	0.100	5.000	0	90.8	70	130	4.590	1.10	30	
Benzo(g,h,i)perylene	4.55	0.100	5.000	0	91.0	70	130	4.580	0.657	30	
Benzo(k)fluoranthene	5.07	0.100	5.000	0	101	70	130	5.130	1.18	30	
Chrysene	4.96	0.100	5.000	0	99.2	70	130	5.110	2.98	30	
Dibenz(a,h)anthracene	4.50	0.100	5.000	0	90.0	70	130	4.510	0.222	30	
Fluoranthene	4.61	0.100	5.000	0	92.2	70	130	4.720	2.36	30	
Fluorene	4.50	0.100	5.000	0	90.0	70	130	4.550	1.10	30	
Indeno(1,2,3-cd)pyrene	4.30	1.00	5.000	0	86.0	70	130	4.290	0.233	30	m
Naphthalene	3.67	0.100	5.000	0	73.4	70	130	3.710	1.08	30	
Phenanthrene	4.16	0.100	5.000	0	83.2	70	130	4.190	0.719	30	
Pyrene	4.68	0.100	5.000	0	93.6	70	130	4.730	1.06	30	
Surr: 1,3-Dimethyl-2-nitrobe...	4.39		5.000		87.8	70	130		0	30	
Surr: Benzo(a)pyrene-d12	5.66		5.000		113	70	130		0	30	
Surr: Triphenyl phosphate	5.85		5.000		117	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103594**

Sample ID: **26100866-001AMS** SampType: **MS** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/15/2026** RunNo: **252070**
Client ID: **BatchQC** Batch ID: **103594** TestNo: **E525** **525** Analysis Date: **10/19/2026** SeqNo: **6488320**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.86	0.0971	4.854	0	79.6	70	130				
2-Methylnaphthalene	5.48	0.0971	4.854	0	113	70	130				QC+
Acenaphthene	3.94	0.0971	4.854	0	81.2	70	130				
Acenaphthylene	3.99	0.0971	4.854	0	82.2	70	130				
Anthracene	3.99	0.0971	4.854	0	82.2	70	130				
Benz(a)anthracene	4.58	0.0971	4.854	0	94.4	70	130				
Benzo(a)pyrene	3.98	0.0971	4.854	0	82.0	70	130				
Benzo(b)fluoranthene	3.97	0.0971	4.854	0	81.8	70	130				
Benzo(g,h,i)perylene	4.01	0.0971	4.854	0	82.6	70	130				
Benzo(k)fluoranthene	4.48	0.0971	4.854	0	92.2	70	130				
Chrysene	4.46	0.0971	4.854	0	91.8	70	130				
Dibenz(a,h)anthracene	4.00	0.0971	4.854	0	82.4	70	130				
Fluoranthene	4.29	0.0971	4.854	0	88.4	70	130				
Fluorene	4.29	0.0971	4.854	0	88.4	70	130				
Indeno(1,2,3-cd)pyrene	3.78	0.971	4.854	0	77.8	70	130				m
Naphthalene	3.61	0.0971	4.854	0	74.4	70	130				
Phenanthrene	3.92	0.0971	4.854	0	80.8	70	130				
Pyrene	4.32	0.0971	4.854	0	89.0	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	4.56		4.854		94.0	70	130				
Surr: Benzo(a)pyrene-d12	5.28		4.854		109	70	130				
Surr: Triphenyl phosphate	5.95		4.854		123	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **103594**

Sample ID: **26100866-001AMSD** SampType: **MSD** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **10/15/2026** RunNo: **252070**
Client ID: **BatchQC** Batch ID: **103594** TestNo: **E525** **525** Analysis Date: **10/19/2026** SeqNo: **6488321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.33	0.0971	4.854	0	89.2	70	130	3.864	11.4	30	
2-Methylnaphthalene	6.24	0.0971	4.854	0	129	70	130	5.476	13.1	30	QC+
Acenaphthene	4.46	0.0971	4.854	0	91.8	70	130	3.942	12.3	30	
Acenaphthylene	4.54	0.0971	4.854	0	93.6	70	130	3.990	13.0	30	
Anthracene	4.55	0.0971	4.854	0	93.8	70	130	3.990	13.2	30	
Benz(a)anthracene	5.24	0.0971	4.854	0	108	70	130	4.583	13.4	30	
Benzo(a)pyrene	4.53	0.0971	4.854	0	93.4	70	130	3.981	13.0	30	
Benzo(b)fluoranthene	4.56	0.0971	4.854	0	94.0	70	130	3.971	13.9	30	
Benzo(g,h,i)perylene	4.58	0.0971	4.854	0	94.4	70	130	4.010	13.3	30	
Benzo(k)fluoranthene	5.15	0.0971	4.854	0	106	70	130	4.476	13.9	30	
Chrysene	5.09	0.0971	4.854	0	105	70	130	4.456	13.2	30	
Dibenz(a,h)anthracene	4.56	0.0971	4.854	0	94.0	70	130	4.000	13.2	30	
Fluoranthene	4.87	0.0971	4.854	0	100	70	130	4.291	12.7	30	
Fluorene	4.84	0.0971	4.854	0	99.8	70	130	4.291	12.1	30	
Indeno(1,2,3-cd)pyrene	4.32	0.971	4.854	0	89.0	70	130	3.777	13.4	30	m
Naphthalene	4.02	0.0971	4.854	0	82.8	70	130	3.612	10.7	30	
Phenanthrene	4.48	0.0971	4.854	0	92.2	70	130	3.922	13.2	30	
Pyrene	4.96	0.0971	4.854	0	102	70	130	4.320	13.8	30	
Surr: 1,3-Dimethyl-2-nitrobe...	5.13		4.854		106	70	130		0	0	
Surr: Benzo(a)pyrene-d12	5.38		4.854		111	70	130		0	0	
Surr: Triphenyl phosphate	6.64		4.854		137	70	130		0	0	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#: **26100863**

20-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#: **26100863**

20-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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R250447**

Sample ID: **LCS-R250447** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **250447**
Client ID: **BatchQC** Batch ID: **R250447** TestNo: **SW8260** Analysis Date: **9/22/2026** SeqNo: **6445124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	49.3		50.00		98.6	70	130				
Surr: Dibromofluoromethane	48.9		50.00		97.8	70	133				
Surr: Toluene-d8	48.2		50.00		96.3	70	130				

Sample ID: **MB-R250447** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **250447**
Client ID: **BatchQC** Batch ID: **R250447** TestNo: **SW8260** Analysis Date: **9/22/2026** SeqNo: **6445125**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	49.6		50.00		99.1	70	130				
Surr: Dibromofluoromethane	50.5		50.00		101	70	133				
Surr: Toluene-d8	52.4		50.00		105	70	130				

Sample ID: **26091371-001DMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **250447**
Client ID: **BatchQC** Batch ID: **R250447** TestNo: **SW8260** Analysis Date: **9/22/2026** SeqNo: **6445127**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	49.7		50.00		99.4	70	130				
Surr: Dibromofluoromethane	48.2		50.00		96.5	70	133				
Surr: Toluene-d8	49.0		50.00		97.9	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R250447**

Sample ID: **26091371-001DMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **250447**
Client ID: **BatchQC** Batch ID: **R250447** TestNo: **SW8260** Analysis Date: **9/22/2026** SeqNo: **6445128**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	48.6		50.00		97.3	70	130		0	20	
Surr: Dibromofluoromethane	49.0		50.00		98.0	70	133		0	20	
Surr: Toluene-d8	48.4		50.00		96.7	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251662**

Sample ID: **LCS-R251662** SampType: **LCS** TestCode: **VOC_DW(524** Units: **%Rec** Prep Date: RunNo: **251662**
Client ID: **BatchQC** Batch ID: **R251662** TestNo: **E524.2** Analysis Date: **10/12/2026** SeqNo: **6477996**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	11.8		10.00		118	70	130				
Surr: 4-Bromofluorobenzene	10.5		10.00		105	70	130				

Sample ID: **MB-R251662** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **%Rec** Prep Date: RunNo: **251662**
Client ID: **BatchQC** Batch ID: **R251662** TestNo: **E524.2** Analysis Date: **10/12/2026** SeqNo: **6477998**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	9.95		10.00		99.5	70	130				
Surr: 4-Bromofluorobenzene	9.00		10.00		90.0	70	130				

Sample ID: **26100678-001CDUP** SampType: **DUP** TestCode: **VOC_DW(524** Units: **%Rec** Prep Date: RunNo: **251662**
Client ID: **BatchQC** Batch ID: **R251662** TestNo: **E524.2** Analysis Date: **10/12/2026** SeqNo: **6478004**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	10.6		10.00		106	70	130		0	20	
Surr: 4-Bromofluorobenzene	9.03		10.00		90.3	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251796**

Sample ID: **LCS-R251796** SampType: **LCS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481580**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	6.16	0.500	5.000	0	123	70	130				
1,2,4-Trimethylbenzene	5.94	0.500	5.000	0	119	70	130				
Benzene	5.68	0.500	5.000	0	114	70	130				
Ethylbenzene	6.09	0.500	5.000	0	122	70	130				
m,p-Xylene	11.3	0.500	10.00	0	113	70	130				
Naphthalene	4.98	0.500	5.000	0	99.6	70	130				
o-Xylene	5.88	0.500	5.000	0	118	70	130				
Toluene	5.62	0.500	5.000	0	112	70	130				
Vinyl chloride	6.14	0.500	5.000	0	123	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.0		10.00		101	70	130				
Surr: 4-Bromofluorobenzene	11.0		10.00		110	70	130				

Sample ID: **MB-R251796** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481582**

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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251796**

Sample ID: **MB-R251796** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481582**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	10.3		10.00		103	70	130				
Surr: 4-Bromofluorobenzene	10.4		10.00		104	70	130				

Sample ID: **26100866-001CMS** SampType: **MS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481589**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	7.78	0.500	5.000	0	156	70	130				S
1,2,4-Trimethylbenzene	7.67	0.500	5.000	0	153	70	130				S
Benzene	6.66	0.500	5.000	0	133	70	130				S
Ethylbenzene	7.68	0.500	5.000	0	154	70	130				S
m,p-Xylene	15.1	0.500	10.00	0	151	70	130				S
Naphthalene	6.33	0.500	5.000	0	127	70	130				
o-Xylene	7.82	0.500	5.000	0	156	70	130				S
Toluene	7.15	0.500	5.000	0	143	70	130				S
Vinyl chloride	7.76	0.500	5.000	0	155	70	130				S
Surr: 1,2-Dichlorobenzene-d4	11.4		10.00		114	70	130				
Surr: 4-Bromofluorobenzene	11.1		10.00		111	70	130				

Sample ID: **26100866-001CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481590**

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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251796**

Sample ID: **26100866-001CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **251796**
Client ID: **BatchQC** Batch ID: **R251796** TestNo: **E524.2** Analysis Date: **10/14/2026** SeqNo: **6481590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	8.18	0.500	5.000	0	164	70	130	7.785	4.95	25	S
1,2,4-Trimethylbenzene	7.74	0.500	5.000	0	155	70	130	7.672	0.947	25	S
Benzene	7.31	0.500	5.000	0	146	70	130	6.658	9.31	25	S
Ethylbenzene	7.58	0.500	5.000	0	152	70	130	7.681	1.31	25	S
m,p-Xylene	14.9	0.500	10.00	0	149	70	130	15.11	1.10	25	S
Naphthalene	6.65	0.500	5.000	0	133	70	130	6.326	4.98	25	S
o-Xylene	7.88	0.500	5.000	0	158	70	130	7.823	0.777	25	S
Toluene	7.13	0.500	5.000	0	143	70	130	7.147	0.210	25	S
Vinyl chloride	7.63	0.500	5.000	0	153	70	130	7.755	1.57	25	S
Surr: 1,2-Dichlorobenzene-d4	11.8		10.00		118	70	130		0	25	
Surr: 4-Bromofluorobenzene	11.3		10.00		113	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251890**

Sample ID: **LCS-R251890** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251890**
Client ID: **BatchQC** Batch ID: **R251890** TestNo: **SW8260** Analysis Date: **10/15/2026** SeqNo: **6484547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	19.8	5.00	20.00	0	98.9	49	190				
n-Butyl acrylate	24.9	5.00	20.00	0	124	53	150				
Surr: 4-Bromofluorobenzene	51.2		50.00		102	70	130				
Surr: Dibromofluoromethane	46.6		50.00		93.1	70	133				
Surr: Toluene-d8	47.2		50.00		94.4	70	130				

Sample ID: **MB-R251890** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251890**
Client ID: **BatchQC** Batch ID: **R251890** TestNo: **SW8260** Analysis Date: **10/15/2026** SeqNo: **6484550**

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	50.2		50.00		100	70	130				
Surr: Dibromofluoromethane	46.4		50.00		92.7	70	133				
Surr: Toluene-d8	51.6		50.00		103	70	130				

Sample ID: **26100866-001DMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251890**
Client ID: **BatchQC** Batch ID: **R251890** TestNo: **SW8260** Analysis Date: **10/15/2026** SeqNo: **6484563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00	20.00	0	0	70	184				S
n-Butyl acrylate	2.35	5.00	20.00	0	11.7	19	171				SJ
Surr: 4-Bromofluorobenzene	52.3		50.00		105	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251890**

Sample ID: **26100866-001DMS**	SampType: **MS**	TestCode: **VOC-MSTR_**	Units: **µg/L**	Prep Date:	RunNo: **251890**
Client ID: **BatchQC**	Batch ID: **R251890**	TestNo: **SW8260**		Analysis Date: **10/15/2026**	SeqNo: **6484563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	45.2		50.00		90.5	70	133				
Surr: Toluene-d8	51.4		50.00		103	70	130				

Sample ID: **26100866-001DMSD**	SampType: **MSD**	TestCode: **VOC-MSTR_**	Units: **µg/L**	Prep Date:	RunNo: **251890**
Client ID: **BatchQC**	Batch ID: **R251890**	TestNo: **SW8260**		Analysis Date: **10/15/2026**	SeqNo: **6484564**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00	20.00	0	0	70	184	0	0	20	S
n-Butyl acrylate	2.10	5.00	20.00	0	10.5	19	171	2.348	11.0	20	SJ
Surr: 4-Bromofluorobenzene	51.4		50.00		103	70	130		0	20	
Surr: Dibromofluoromethane	46.7		50.00		93.5	70	133		0	20	
Surr: Toluene-d8	52.0		50.00		104	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251891**

Sample ID: **26100703-002AMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **251891**
Client ID: **BatchQC** Batch ID: **R251891** TestNo: **SW8260** Analysis Date: **10/16/2026** SeqNo: **6484680**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	2360		2500		94.2	70	130				
Surr: Dibromofluoromethane	2390		2500		95.6	70	133				
Surr: Toluene-d8	2410		2500		96.5	70	130				

Sample ID: **26100703-002AMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **%Rec** Prep Date: RunNo: **251891**
Client ID: **BatchQC** Batch ID: **R251891** TestNo: **SW8260** Analysis Date: **10/16/2026** SeqNo: **6484681**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	2320		2500		92.6	70	130		0	20	
Surr: Dibromofluoromethane	2420		2500		96.8	70	133		0	20	
Surr: Toluene-d8	2420		2500		96.8	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#: **26100863**

20-Oct-26

Client: Columbiana County Health District
Project: East Palestine **BatchID:** **R251891**

Sample ID: **LCS-R251891** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251891**
Client ID: **BatchQC** Batch ID: **R251891** TestNo: **SW8260** Analysis Date: **10/15/2026** SeqNo: **6484675**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	21.3	5.00	20.00	0	106	49	190				
n-Butyl acrylate	19.7	5.00	20.00	0	98.7	53	150				
Surr: 4-Bromofluorobenzene	48.6		50.00		97.2	70	130				
Surr: Dibromofluoromethane	48.6		50.00		97.1	70	133				
Surr: Toluene-d8	48.8		50.00		97.5	70	130				

Sample ID: **MB-R251891** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **251891**
Client ID: **BatchQC** Batch ID: **R251891** TestNo: **SW8260** Analysis Date: **10/15/2026** SeqNo: **6484676**

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	53.3		50.00		107	70	130				
Surr: Dibromofluoromethane	55.5		50.00		111	70	133				
Surr: Toluene-d8	50.2		50.00		100	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
Website: http://www.settek.com

Qualifiers and Acronyms

WO#: **26100863**
Date: **10/20/2026**

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#: **26100863**

20-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
26100863-001A	PW-636	10/10/2026 11:25:00 AM	Drinking Water	Synthetic Organic Compounds by GC/ (EPA 525.3)		10/15/2026 9:00:00 AM	10/19/2026 12:37:00 PM
26100863-001B				SVOC by 8270E		10/14/2026 10:30:24 AM	10/16/2026 6:21:00 PM
26100863-001C				VOC-GC/MS (524.2)			10/14/2026 4:04:00 PM
26100863-001D				VOC by GC/MS (8260D)			10/16/2026 6:48:00 AM
26100863-002A	FB-636	10/10/2026 11:10:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		10/15/2026 9:00:00 AM	10/19/2026 1:11:00 PM
26100863-002B				SVOC by 8270E		10/14/2026 10:30:24 AM	10/16/2026 6:55:00 PM
26100863-002C				VOC-GC/MS (524.2)			10/14/2026 4:31:00 PM
26100863-002D				VOC by GC/MS (8260D)			10/15/2026 11:33:00 PM
26100863-003A	PW-330	10/10/2026 9:40:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		10/15/2026 9:00:00 AM	10/19/2026 1:44:00 PM
26100863-003B				SVOC by 8270E		10/14/2026 10:30:24 AM	10/16/2026 7:29:00 PM
26100863-003C				VOC-GC/MS (524.2)			10/14/2026 4:59:00 PM
26100863-003D				VOC by GC/MS (8260D)			10/16/2026 7:17:00 AM
26100863-004A	PW-105R	10/10/2026 10:25:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		10/15/2026 9:00:00 AM	10/19/2026 2:17:00 PM
26100863-004B				SVOC by 8270E		10/14/2026 10:30:24 AM	10/16/2026 8:02:00 PM
26100863-004C				VOC-GC/MS (524.2)			10/14/2026 5:27:00 PM
26100863-004D				VOC by GC/MS (8260D)			10/16/2026 7:47:00 AM
26100863-005A	TRIP BLANK 1			VOC-GC/MS (524.2)			10/14/2026 11:52:00 AM
26100863-005B				VOC by GC/MS (8260D)			10/15/2026 5:08:00 PM
26100863-006A	TRIP BLANK 2			VOC-GC/MS (524.2)			10/14/2026 12:20:00 PM
26100863-006B				VOC by GC/MS (8260D)			10/15/2026 5:36:00 PM
26100863-007A	TRIP BLANK 3			VOC-GC/MS (524.2)			10/14/2026 5:55:00 PM
26100863-007B				VOC by GC/MS (8260D)			10/15/2026 6:03:00 PM

Original

Alliance TECHNICAL GROUP

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

Analysis Request / Chain of Custody

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

LAB WO NO.: For Alliance Technical Group, LLC-Akron use only: 26100863

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 [illegible] Sign: Emma [illegible]
For DW only, results to be reported to state by lab? (additional 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-636	Pressure Tank	10/10/26	11:25	✔		DW	8	10	✔	✔	✔	✔						
	FB-636	Field Blank	10/10/26	11:10	✔		DW	8	10	✔	✔	✔	✔						

Relinquished by:	Date	Time	Received by:	Date	Time
Emma [illegible]	10/13/26	8:41	[illegible]	10/13	8:41
[illegible]	10/13/26	10:00AM			

Notes / Comments: 524: HCl, 8260: HCl, 525: Sodium Sulfite

1.0 + 0.0 = 1.0 C.S. INTACT 10/13/26

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[illegible]	10/13/26	10:00AM	ATG

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

Receipt Temperature: 1.0 °C

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

1.2 + 0.0 = 1.2
1.5 + 0.0 = 1.5

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.alliancetg.com/services/environmental
https://settek.com/

LAB WO NO.: For Alliance Technical Group, LLC-Akron use only: 26100863

Client Name: CCHD	Project Identification: East Pipeline [redacted]
Client Street Address: 7360 SR 45	
City: Lisbon State: OH Zip: 44432	
Client Phone: 330-424-0272	Report To: CCHD
Contact Person: Kevin Summerville	PO #: / Quote Number:
Client Email Address: ksummerville@columbiana-health.org	PWS ID: / Facility ID:
Sampled By (Print Name and Provide Signature) Print: Emma Gray Sign: Emma Gray	Reporting/Accreditation Requirements: ☐ Ohio VAP ☐ Ohio EPA Pb, Cu ☐ Drinking Water Compliance ☐ BUSTR
For DW only, results to be reported to state by lab? If yes, lab fee may apply: Y☐ N☐	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-330	Outside Spigot	10/10/26	9:40	✔		DW	8	10	✔	✔	✔	✔						

Relinquished by:	Date	Time	Received by:	Date	Time
Emma Gray	10/13/26	8:41		10/13	8:41
	10/13/26	10:00AM			

Received at ATG-Akron by:	Date	Time	Carrier
	10/13/26	10:00AM	ATG

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

Notes / Comments: 524: HCl, 8260: HCl, 525: Sodium Sulfite

C.S. INTACT 10/13/26

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Receipt Temperature: 1.2 °C

Cooler Seals? INTACT NOT INTACT N/A

Sample Seals? INTACT NOT INTACT N/A

Ice Present? YES NO MELTED N/A

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.alliancetg.com/services/environmental
https://settek.com/

LAB WO NO.: For Alliance Technical Group, LLC-Akron use only: 26100863

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 ☐ Drinking Water Compliance ☐ Ohio EPA Pb, Cu ☐ 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-105R	Pressure Tank	10/10/26	10:25	✔		DW	8	10	✔	✔	✔	✔						

Relinquished by:	Date	Time	Received by:	Date	Time
Emma Gray	10/13/26	8:41		10/13	8:41
	10/13/26	10:00AM			

Received at ATG-Akron by:	Date	Time	Carrier
	10/13/26	10:00AM	ATG

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

Notes / Comments: 524: HCl, 8260: HCl, 525: Sodium Sulfite

C.S. Intact 10/13/26

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Receipt Temperature: 1.5 °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: **26100863** RcptNo: **1**

Logged by:	**Nick Rigby**	**10/13/2026 10:00:00 AM**
Completed By:	**Nick Rigby**	**10/13/2026 2:55:13 PM**
Reviewed By:	**Holly Florea**	**10/15/2026 8:33:58 AM**

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: 10/13/2026 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	1.0	Good	Yes		10/13/2026	
2	1.2	Good	Yes		10/13/2026	
3	1.5	Good	Yes		10/13/2026	