



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

January 19, 2026

Laura Fauss, MPH, REHS
Columbiana County Health District
7360 SR 45
P.O. Box 309
Lisbon, OH 44432
TEL: (330) 424-0272
FAX:

RE: Extended Sampling Program

Dear Laura Fauss, MPH, REHS:

Order No.: 26010663

Alliance Technical Group - Akron received 9 sample(s) on 1/12/2026 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,

A handwritten signature in black ink that reads "Holly Florea". The signature is written in a cursive, flowing style.

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



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Workorder Sample Summary

WO#: 26010663
 19-Jan-26

CLIENT: Columbiana County Health District
Project: Extended Sampling Program

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26010663-001	ES-050		1/9/2026 12:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-001	ES-050		1/9/2026 12:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-001	ES-050		1/9/2026 12:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-001	ES-050		1/9/2026 12:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-002	ES-048		1/9/2026 1:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-002	ES-048		1/9/2026 1:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-002	ES-048		1/9/2026 1:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-002	ES-048		1/9/2026 1:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-003	ES-046		1/9/2026 3:25:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-003	ES-046		1/9/2026 3:25:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-003	ES-046		1/9/2026 3:25:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-003	ES-046		1/9/2026 3:25:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-004	ES-047		1/9/2026 2:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-004	ES-047		1/9/2026 2:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-004	ES-047		1/9/2026 2:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-004	ES-047		1/9/2026 2:20:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-005	FB-047		1/9/2026 2:10:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-005	FB-047		1/9/2026 2:10:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-005	FB-047		1/9/2026 2:10:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-005	FB-047		1/9/2026 2:10:00 PM	1/12/2026 1:00:00 PM	Drinking Water
26010663-006	Trip Blank 1			1/12/2026 1:00:00 PM	Drinking Water
26010663-006	Trip Blank 1			1/12/2026 1:00:00 PM	Drinking Water
26010663-007	Trip Blank 2			1/12/2026 1:00:00 PM	Drinking Water



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Workorder Sample Summary

WO#: 26010663
19-Jan-26

CLIENT: Columbiana County Health District
Project: Extended Sampling Program

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26010663-007	Trip Blank 2			1/12/2026 1:00:00 PM	Drinking Water
26010663-008	Trip Blank 3			1/12/2026 1:00:00 PM	Drinking Water
26010663-008	Trip Blank 3			1/12/2026 1:00:00 PM	Drinking Water
26010663-009	Trip Blank 4			1/12/2026 1:00:00 PM	Drinking Water
26010663-009	Trip Blank 4			1/12/2026 1:00:00 PM	Drinking Water



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Case Narrative

WO#: 26010663
Date: 1/19/2026

CLIENT: Columbiana County Health District
Project: Extended Sampling Program

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:

26010663: The lab does not routinely spike for 2-Butoxyethanol; this compound is included in the instrument initial calibration and initial calibration verification.

Original



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Analytical Report

(consolidated)

WO#: 26010663

Date Reported: 1/19/2026

Lab ID: 26010663-001

Collection Date: 1/9/2026 12:20:00 PM

Client Sample ID ES-050

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	92325	1/14/2026 7:50:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	92325	1/14/2026 7:50:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	84.8		70-130		%Rec	1	92325	1/14/2026 7:50:00 PM
Surr: Benzo(a)pyrene-d12	97.2		70-130		%Rec	1	92325	1/14/2026 7:50:00 PM
Surr: Triphenyl phosphate	107		70-130		%Rec	1	92325	1/14/2026 7:50:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	92332	1/14/2026 7:56:00 PM
Surr: Nitrobenzene-d5	79.1		10-130		%Rec	1	92332	1/14/2026 7:56:00 PM
Surr: 2-Fluorobiphenyl	83.4		10-130		%Rec	1	92332	1/14/2026 7:56:00 PM
Surr: p-Terphenyl-d14	106		20-181		%Rec	1	92332	1/14/2026 7:56:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: RD	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 12:43:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 12:43:00 PM
Surr: 1,2-Dichlorobenzene-d4	81.5		70-130		%Rec	1	R224753	1/13/2026 12:43:00 PM
Surr: 4-Bromofluorobenzene	80.3		70-130		%Rec	1	R224753	1/13/2026 12:43:00 PM

Qualifiers:

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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-001

Collection Date: 1/9/2026 12:20:00 PM

Client Sample ID ES-050

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B	Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 6:53:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 6:53:00 PM
Surr: 4-Bromofluorobenzene	96.2		70-130		%Rec	1	R224748	1/13/2026 6:53:00 PM
Surr: Dibromofluoromethane	104		70-130		%Rec	1	R224748	1/13/2026 6:53:00 PM
Surr: Toluene-d8	98.2		70-130		%Rec	1	R224748	1/13/2026 6:53:00 PM

Qualifiers:	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		



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Analytical Report

(consolidated)

WO#: 26010663

Date Reported: 1/19/2026

Lab ID: 26010663-002

Collection Date: 1/9/2026 1:20:00 PM

Client Sample ID ES-048

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	92325	1/14/2026 9:30:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	92325	1/14/2026 9:30:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	90.8		70-130		%Rec	1	92325	1/14/2026 9:30:00 PM
Surr: Benzo(a)pyrene-d12	97.6		70-130		%Rec	1	92325	1/14/2026 9:30:00 PM
Surr: Triphenyl phosphate	111		70-130		%Rec	1	92325	1/14/2026 9:30:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	92332	1/14/2026 8:28:00 PM
Surr: Nitrobenzene-d5	78.0		10-130		%Rec	1	92332	1/14/2026 8:28:00 PM
Surr: 2-Fluorobiphenyl	83.2		10-130		%Rec	1	92332	1/14/2026 8:28:00 PM
Surr: p-Terphenyl-d14	109		20-181		%Rec	1	92332	1/14/2026 8:28:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: RD	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 1:11:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 1:11:00 PM
Surr: 1,2-Dichlorobenzene-d4	78.8		70-130		%Rec	1	R224753	1/13/2026 1:11:00 PM
Surr: 4-Bromofluorobenzene	78.7		70-130		%Rec	1	R224753	1/13/2026 1:11:00 PM

Qualifiers:

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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-002

Collection Date: 1/9/2026 1:20:00 PM

Client Sample ID ES-048

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B	Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 7:20:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 7:20:00 PM
Surr: 4-Bromofluorobenzene	96.3		70-130		%Rec	1	R224748	1/13/2026 7:20:00 PM
Surr: Dibromofluoromethane	103		70-130		%Rec	1	R224748	1/13/2026 7:20:00 PM
Surr: Toluene-d8	97.4		70-130		%Rec	1	R224748	1/13/2026 7:20:00 PM

Qualifiers:

- | | | | |
|----|--|----|---|
| 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 | | |



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Analytical Report

(consolidated)

WO#: 26010663

Date Reported: 1/19/2026

Lab ID: 26010663-003

Collection Date: 1/9/2026 3:25:00 PM

Client Sample ID ES-046

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	92325	1/14/2026 10:04:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	92325	1/14/2026 10:04:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	89.0		70-130		%Rec	1	92325	1/14/2026 10:04:00 PM
Surr: Benzo(a)pyrene-d12	100		70-130		%Rec	1	92325	1/14/2026 10:04:00 PM
Surr: Triphenyl phosphate	107		70-130		%Rec	1	92325	1/14/2026 10:04:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	92332	1/14/2026 9:00:00 PM
Surr: Nitrobenzene-d5	89.5		10-130		%Rec	1	92332	1/14/2026 9:00:00 PM
Surr: 2-Fluorobiphenyl	91.5		10-130		%Rec	1	92332	1/14/2026 9:00:00 PM
Surr: p-Terphenyl-d14	116		20-181		%Rec	1	92332	1/14/2026 9:00:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: RD	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 1:39:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 1:39:00 PM
Surr: 1,2-Dichlorobenzene-d4	83.5		70-130		%Rec	1	R224753	1/13/2026 1:39:00 PM
Surr: 4-Bromofluorobenzene	80.6		70-130		%Rec	1	R224753	1/13/2026 1:39:00 PM

Qualifiers:

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

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



Alliance Technical Group - Akron
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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-003

Collection Date: 1/9/2026 3:25:00 PM

Client Sample ID ES-046

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B	Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 7:47:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 7:47:00 PM
Surr: 4-Bromofluorobenzene	99.7		70-130		%Rec	1	R224748	1/13/2026 7:47:00 PM
Surr: Dibromofluoromethane	104		70-130		%Rec	1	R224748	1/13/2026 7:47:00 PM
Surr: Toluene-d8	97.4		70-130		%Rec	1	R224748	1/13/2026 7:47:00 PM

Qualifiers:

- | | | | |
|----|--|----|---|
| 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 | | |



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Analytical Report

(consolidated)

WO#: 26010663

Date Reported: 1/19/2026

Lab ID: 26010663-004

Collection Date: 1/9/2026 2:20:00 PM

Client Sample ID ES-047

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	92325	1/14/2026 11:43:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Naphthalene	ND	0.0445	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Pyrene	ND	0.00624	0.0971		µg/L	1	92325	1/14/2026 11:43:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.2		70-130		%Rec	1	92325	1/14/2026 11:43:00 PM
Surr: Benzo(a)pyrene-d12	102		70-130		%Rec	1	92325	1/14/2026 11:43:00 PM
Surr: Triphenyl phosphate	110		70-130		%Rec	1	92325	1/14/2026 11:43:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	92332	1/14/2026 10:34:00 PM
Surr: Nitrobenzene-d5	89.4		10-130		%Rec	1	92332	1/14/2026 10:34:00 PM
Surr: 2-Fluorobiphenyl	93.0		10-130		%Rec	1	92332	1/14/2026 10:34:00 PM
Surr: p-Terphenyl-d14	122		20-181		%Rec	1	92332	1/14/2026 10:34:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: RD	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 3:31:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 3:31:00 PM
Surr: 1,2-Dichlorobenzene-d4	76.4		70-130		%Rec	1	R224753	1/13/2026 3:31:00 PM
Surr: 4-Bromofluorobenzene	77.8		70-130		%Rec	1	R224753	1/13/2026 3:31:00 PM

Qualifiers:	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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-004

Collection Date: 1/9/2026 2:20:00 PM

Client Sample ID ES-047

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B	Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 8:14:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 8:14:00 PM
Surr: 4-Bromofluorobenzene	95.9		70-130		%Rec	1	R224748	1/13/2026 8:14:00 PM
Surr: Dibromofluoromethane	106		70-130		%Rec	1	R224748	1/13/2026 8:14:00 PM
Surr: Toluene-d8	97.9		70-130		%Rec	1	R224748	1/13/2026 8:14:00 PM

Qualifiers:

- | | | | |
|----|--|----|---|
| 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 | | |



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Analytical Report

(consolidated)

WO#: 26010663

Date Reported: 1/19/2026

Lab ID: 26010663-005

Collection Date: 1/9/2026 2:10:00 PM

Client Sample ID FB-047

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	92325	1/15/2026 12:17:00 AM
2-Methylnaphthalene	ND	0.00534	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Acenaphthene	ND	0.00472	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Acenaphthylene	ND	0.00324	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Anthracene	ND	0.00952	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Benz(a)anthracene	ND	0.00394	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Benzo(a)pyrene	ND	0.00393	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Benzo(b)fluoranthene	ND	0.00461	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Benzo(g,h,i)perylene	ND	0.00416	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Benzo(k)fluoranthene	ND	0.00520	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Chrysene	ND	0.00440	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Dibenz(a,h)anthracene	ND	0.00366	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Fluoranthene	ND	0.0308	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Fluorene	ND	0.00385	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.00437	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Naphthalene	ND	0.0458	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Phenanthrene	ND	0.00391	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Pyrene	ND	0.00642	0.100		µg/L	1	92325	1/15/2026 12:17:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	86.4		70-130		%Rec	1	92325	1/15/2026 12:17:00 AM
Surr: Benzo(a)pyrene-d12	99.2		70-130		%Rec	1	92325	1/15/2026 12:17:00 AM
Surr: Triphenyl phosphate	108		70-130		%Rec	1	92325	1/15/2026 12:17:00 AM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	92332	1/14/2026 11:06:00 PM
Surr: Nitrobenzene-d5	87.9		10-130		%Rec	1	92332	1/14/2026 11:06:00 PM
Surr: 2-Fluorobiphenyl	91.2		10-130		%Rec	1	92332	1/14/2026 11:06:00 PM
Surr: p-Terphenyl-d14	117		20-181		%Rec	1	92332	1/14/2026 11:06:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: RD	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 3:59:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 3:59:00 PM
Surr: 1,2-Dichlorobenzene-d4	79.6		70-130		%Rec	1	R224753	1/13/2026 3:59:00 PM
Surr: 4-Bromofluorobenzene	80.9		70-130		%Rec	1	R224753	1/13/2026 3:59:00 PM

Qualifiers:	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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-005

Collection Date: 1/9/2026 2:10:00 PM

Client Sample ID FB-047

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B	Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 8:41:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 8:41:00 PM
Surr: 4-Bromofluorobenzene	98.1		70-130		%Rec	1	R224748	1/13/2026 8:41:00 PM
Surr: Dibromofluoromethane	103		70-130		%Rec	1	R224748	1/13/2026 8:41:00 PM
Surr: Toluene-d8	98.6		70-130		%Rec	1	R224748	1/13/2026 8:41:00 PM

Qualifiers:

- | | | | |
|----|--|----|---|
| 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 | | |



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-006

Collection Date:

Client Sample ID Trip Blank 1

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	R224753	1/13/2026 4:27:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 4:27:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 4:27:00 PM
Surr: 1,2-Dichlorobenzene-d4	82.4		70-130		%Rec	1	R224753	1/13/2026 4:27:00 PM
Surr: 4-Bromofluorobenzene	81.3		70-130		%Rec	1	R224753	1/13/2026 4:27:00 PM
VOC BY GC/MS (8260D)				EPA 8260D				EPA 5030 B Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 5:04:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 5:04:00 PM
Surr: 4-Bromofluorobenzene	97.5		70-130		%Rec	1	R224748	1/13/2026 5:04:00 PM
Surr: Dibromofluoromethane	103		70-130		%Rec	1	R224748	1/13/2026 5:04:00 PM
Surr: Toluene-d8	98.8		70-130		%Rec	1	R224748	1/13/2026 5:04:00 PM

Qualifiers:	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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-007

Collection Date:

Client Sample ID Trip Blank 2

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	R224753	1/13/2026 4:54:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 4:54:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 4:54:00 PM
Surr: 1,2-Dichlorobenzene-d4	78.8		70-130		%Rec	1	R224753	1/13/2026 4:54:00 PM
Surr: 4-Bromofluorobenzene	79.2		70-130		%Rec	1	R224753	1/13/2026 4:54:00 PM
VOC BY GC/MS (8260D)				EPA 8260D				EPA 5030 B Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 5:31:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 5:31:00 PM
Surr: 4-Bromofluorobenzene	97.8		70-130		%Rec	1	R224748	1/13/2026 5:31:00 PM
Surr: Dibromofluoromethane	106		70-130		%Rec	1	R224748	1/13/2026 5:31:00 PM
Surr: Toluene-d8	99.1		70-130		%Rec	1	R224748	1/13/2026 5:31:00 PM

Qualifiers:	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
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 Website: <http://www.settek.com>

Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-008

Collection Date:

Client Sample ID Trip Blank 3

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	R224753	1/13/2026 5:22:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 5:22:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 5:22:00 PM
Surr: 1,2-Dichlorobenzene-d4	80.3		70-130		%Rec	1	R224753	1/13/2026 5:22:00 PM
Surr: 4-Bromofluorobenzene	77.3		70-130		%Rec	1	R224753	1/13/2026 5:22:00 PM
VOC BY GC/MS (8260D)				EPA 8260D				EPA 5030 B Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 5:59:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 5:59:00 PM
Surr: 4-Bromofluorobenzene	96.7		70-130		%Rec	1	R224748	1/13/2026 5:59:00 PM
Surr: Dibromofluoromethane	105		70-130		%Rec	1	R224748	1/13/2026 5:59:00 PM
Surr: Toluene-d8	98.2		70-130		%Rec	1	R224748	1/13/2026 5:59:00 PM

Qualifiers:	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		



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Analytical Report

(consolidated)

WO#: **26010663**

Date Reported: **1/19/2026**

Lab ID: 26010663-009

Collection Date:

Client Sample ID Trip Blank 4

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	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	R224753	1/13/2026 5:50:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R224753	1/13/2026 5:50:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R224753	1/13/2026 5:50:00 PM
Surr: 1,2-Dichlorobenzene-d4	83.9		70-130		%Rec	1	R224753	1/13/2026 5:50:00 PM
Surr: 4-Bromofluorobenzene	81.7		70-130		%Rec	1	R224753	1/13/2026 5:50:00 PM
VOC BY GC/MS (8260D)				EPA 8260D		EPA 5030 B Analyst: RD		
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R224748	1/13/2026 6:26:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R224748	1/13/2026 6:26:00 PM
Surr: 4-Bromofluorobenzene	96.0		70-130		%Rec	1	R224748	1/13/2026 6:26:00 PM
Surr: Dibromofluoromethane	105		70-130		%Rec	1	R224748	1/13/2026 6:26:00 PM
Surr: Toluene-d8	95.8		70-130		%Rec	1	R224748	1/13/2026 6:26:00 PM

Qualifiers:	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		



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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: 92325

Sample ID: MB-92325	SampType: MBLK	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 1/12/2026	RunNo: 224866						
Client ID: BatchQC	Batch ID: 92325	TestNo: E525	525	Analysis Date: 1/14/2026	SeqNo: 5993256						
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									
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-nitrobenzene	4.68		5.000		93.6	70	130				
Surr: Benzo(a)pyrene-d12	3.77		5.000		75.4	70	130				
Surr: Triphenyl phosphate	5.42		5.000		108	70	130				

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
	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

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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: 92325

Sample ID: LCS-92325	SampType: LCS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/12/2026	RunNo: 224866						
Client ID: BatchQC	Batch ID: 92325	TestNo: E525	525	Analysis Date: 1/14/2026	SeqNo: 5993258						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.83	0.100	5.000	0	96.6	70	130				
2-Methylnaphthalene	4.40	0.100	5.000	0	88.0	70	130				
Acenaphthene	4.96	0.100	5.000	0	99.2	70	130				
Acenaphthylene	5.08	0.100	5.000	0	102	70	130				
Anthracene	5.22	0.100	5.000	0	104	70	130				
Benz(a)anthracene	5.39	0.100	5.000	0	108	70	130				
Benzo(a)pyrene	5.04	0.100	5.000	0	101	70	130				
Benzo(b)fluoranthene	5.37	0.100	5.000	0	107	70	130				
Benzo(g,h,i)perylene	4.93	0.100	5.000	0	98.6	70	130				
Benzo(k)fluoranthene	5.21	0.100	5.000	0	104	70	130				
Chrysene	5.43	0.100	5.000	0	109	70	130				
Dibenz(a,h)anthracene	4.81	0.100	5.000	0	96.2	70	130				
Fluoranthene	5.50	0.100	5.000	0	110	70	130				
Fluorene	5.38	0.100	5.000	0	108	70	130				
Indeno(1,2,3-cd)pyrene	4.68	1.00	5.000	0	93.6	70	130				m
Naphthalene	4.10	0.100	5.000	0	82.0	70	130				
Phenanthrene	5.32	0.100	5.000	0	106	70	130				
Pyrene	5.48	0.100	5.000	0	110	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.49		5.000		89.8	70	130				
Surr: Benzo(a)pyrene-d12	5.09		5.000		102	70	130				
Surr: Triphenyl phosphate	5.17		5.000		103	70	130				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
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

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QC SUMMARY REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: 92325

Sample ID: LCSD-92325	SampType: LCSD	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/12/2026	RunNo: 224866						
Client ID: BatchQC	Batch ID: 92325	TestNo: E525	525	Analysis Date: 1/14/2026	SeqNo: 5993260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	5.01	0.100	5.000	0	100	70	130	4.810	4.07	30	
2-Methylnaphthalene	4.47	0.100	5.000	0	89.4	70	130	4.450	0.448	30	
Acenaphthene	5.04	0.100	5.000	0	101	70	130	4.930	2.21	30	
Acenaphthylene	5.21	0.100	5.000	0	104	70	130	5.070	2.72	30	
Anthracene	5.34	0.100	5.000	0	107	70	130	5.160	3.43	30	
Benz(a)anthracene	5.55	0.100	5.000	0	111	70	130	5.430	2.19	30	
Benzo(a)pyrene	5.17	0.100	5.000	0	103	70	130	5.100	1.36	30	
Benzo(b)fluoranthene	5.52	0.100	5.000	0	110	70	130	5.400	2.20	30	
Benzo(g,h,i)perylene	5.10	0.100	5.000	0	102	70	130	4.980	2.38	30	
Benzo(k)fluoranthene	5.32	0.100	5.000	0	106	70	130	5.250	1.32	30	
Chrysene	5.53	0.100	5.000	0	111	70	130	5.530	0	30	
Dibenz(a,h)anthracene	5.01	0.100	5.000	0	100	70	130	4.890	2.42	30	
Fluoranthene	5.60	0.100	5.000	0	112	70	130	5.460	2.53	30	
Fluorene	5.49	0.100	5.000	0	110	70	130	5.380	2.02	30	
Indeno(1,2,3-cd)pyrene	4.90	1.00	5.000	0	98.0	70	130	4.740	3.32	30	m
Naphthalene	4.27	0.100	5.000	0	85.4	70	130	4.110	3.82	30	
Phenanthrene	5.44	0.100	5.000	0	109	70	130	5.260	3.36	30	
Pyrene	5.61	0.100	5.000	0	112	70	130	5.440	3.08	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	4.52		5.000		90.4	70	130		0	30	
Surr: Benzo(a)pyrene-d12	5.14		5.000		103	70	130		0	30	
Surr: Triphenyl phosphate	5.35		5.000		107	70	130		0	30	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
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

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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: 92325

Sample ID: 26010663-003AMS	SampType: MS	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 1/13/2026	RunNo: 224866						
Client ID: ES-046	Batch ID: 92325	TestNo: E525	525	Analysis Date: 1/14/2026	SeqNo: 5993274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.43	0.100	5.000	0	88.6	70	130				
2-Methylnaphthalene	3.99	0.100	5.000	0	79.8	70	130				
Acenaphthene	4.62	0.100	5.000	0	92.4	70	130				
Acenaphthylene	4.74	0.100	5.000	0	94.8	70	130				
Anthracene	4.81	0.100	5.000	0	96.2	70	130				
Benz(a)anthracene	5.01	0.100	5.000	0	100	70	130				
Benzo(a)pyrene	4.82	0.100	5.000	0	96.4	70	130				
Benzo(b)fluoranthene	5.06	0.100	5.000	0	101	70	130				
Benzo(g,h,i)perylene	4.85	0.100	5.000	0	97.0	70	130				
Benzo(k)fluoranthene	4.86	0.100	5.000	0	97.2	70	130				
Chrysene	5.06	0.100	5.000	0	101	70	130				
Dibenz(a,h)anthracene	4.55	0.100	5.000	0	91.0	70	130				
Fluoranthene	5.06	0.100	5.000	0	101	70	130				
Fluorene	5.05	0.100	5.000	0	101	70	130				
Indeno(1,2,3-cd)pyrene	4.71	1.00	5.000	0	94.2	70	130				m
Naphthalene	3.87	0.100	5.000	0	77.4	70	130				
Phenanthrene	4.90	0.100	5.000	0	98.0	70	130				
Pyrene	5.04	0.100	5.000	0	101	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	3.74		5.000		74.8	70	130				
Surr: Benzo(a)pyrene-d12	4.88		5.000		97.6	70	130				
Surr: Triphenyl phosphate	5.13		5.000		103	70	130				

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
	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

Original



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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: 92325

Sample ID: 26010663-003AMSD	SampType: MSD	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 1/13/2026	RunNo: 224866						
Client ID: ES-046	Batch ID: 92325	TestNo: E525	525	Analysis Date: 1/14/2026	SeqNo: 5993275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.53	0.0971	4.854	0	93.4	70	130	4.430	2.32	0	
2-Methylnaphthalene	4.04	0.0971	4.854	0	83.2	70	130	3.990	1.22	0	
Acenaphthene	4.63	0.0971	4.854	0	95.4	70	130	4.620	0.239	30	
Acenaphthylene	4.82	0.0971	4.854	0	99.2	70	130	4.740	1.58	30	
Anthracene	4.82	0.0971	4.854	0	99.2	70	130	4.810	0.115	30	
Benz(a)anthracene	5.13	0.0971	4.854	0	106	70	130	5.010	2.29	30	
Benzo(a)pyrene	4.93	0.0971	4.854	0	102	70	130	4.820	2.30	30	
Benzo(b)fluoranthene	5.21	0.0971	4.854	0	107	70	130	5.060	2.99	30	
Benzo(g,h,i)perylene	4.97	0.0971	4.854	0	102	70	130	4.850	2.46	30	
Benzo(k)fluoranthene	4.99	0.0971	4.854	0	103	70	130	4.860	2.65	30	
Chrysene	5.08	0.0971	4.854	0	105	70	130	5.060	0.349	30	
Dibenz(a,h)anthracene	4.69	0.0971	4.854	0	96.6	70	130	4.550	3.02	30	
Fluoranthene	5.01	0.0971	4.854	0	103	70	130	5.060	0.999	30	
Fluorene	5.03	0.0971	4.854	0	104	70	130	5.050	0.414	30	
Indeno(1,2,3-cd)pyrene	4.74	0.971	4.854	0	97.6	70	130	4.710	0.590	30	m
Naphthalene	3.96	0.0971	4.854	0	81.6	70	130	3.870	2.33	30	
Phenanthrene	4.90	0.0971	4.854	0	101	70	130	4.900	0.0594	30	
Pyrene	5.01	0.0971	4.854	0	103	70	130	5.040	0.603	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	3.95		4.854		81.4	70	130		0	0	
Surr: Benzo(a)pyrene-d12	4.90		4.854		101	70	130		0	0	
Surr: Triphenyl phosphate	5.11		4.854		105	70	130		0	0	

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
	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

Original



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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: 92332

Sample ID: MB-92332	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 1/13/2026	RunNo: 224913						
Client ID: BatchQC	Batch ID: 92332	TestNo: SW8270	SW3510C	Analysis Date: 1/14/2026	SeqNo: 5994419						
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	0.0247		0.05000		49.4	10	130				
Surr: Phenol-d6	0.0171		0.05000		34.1	10	130				
Surr: Nitrobenzene-d5	0.0423		0.05000		84.5	10	130				
Surr: 2,4,6-Tribromophenol	0.0463		0.05000		92.6	16	151				
Surr: 2-Fluorobiphenyl	0.0424		0.05000		84.7	10	130				
Surr: p-Terphenyl-d14	0.0553		0.05000		111	20	181				

Sample ID: LCS-92332	SampType: LCS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/13/2026	RunNo: 224913						
Client ID: BatchQC	Batch ID: 92332	TestNo: SW8270	SW3510C	Analysis Date: 1/14/2026	SeqNo: 5994421						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0262		0.05000		52.5	10	130				
Surr: Phenol-d6	0.0201		0.05000		40.1	10	130				
Surr: Nitrobenzene-d5	0.0447		0.05000		89.4	10	130				
Surr: 2,4,6-Tribromophenol	0.0525		0.05000		105	16	151				
Surr: 2-Fluorobiphenyl	0.0425		0.05000		85.1	10	130				
Surr: p-Terphenyl-d14	0.0516		0.05000		103	20	181				

Sample ID: 26010663-003BMS	SampType: MS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/13/2026	RunNo: 224913						
Client ID: ES-046	Batch ID: 92332	TestNo: SW8270	SW3510C	Analysis Date: 1/14/2026	SeqNo: 5994427						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
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

Original



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QC SUMMARY REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: 92332

Sample ID: 26010663-003BMS	SampType: MS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/13/2026	RunNo: 224913						
Client ID: ES-046	Batch ID: 92332	TestNo: SW8270	SW3510C	Analysis Date: 1/14/2026	SeqNo: 5994427						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0241		0.04854		49.7	10	130				
Surr: Phenol-d6	0.0185		0.04854		38.1	10	130				
Surr: Nitrobenzene-d5	0.0438		0.04854		90.1	10	130				
Surr: 2,4,6-Tribromophenol	0.0514		0.04854		106	16	151				
Surr: 2-Fluorobiphenyl	0.0416		0.04854		85.7	10	130				
Surr: p-Terphenyl-d14	0.0504		0.04854		104	20	181				

Sample ID: 26010663-003BMSD	SampType: MSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/13/2026	RunNo: 224913						
Client ID: ES-046	Batch ID: 92332	TestNo: SW8270	SW3510C	Analysis Date: 1/14/2026	SeqNo: 5994428						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0230		0.04854		47.3	10	130		0		
Surr: Phenol-d6	0.0171		0.04854		35.2	10	130		0		
Surr: Nitrobenzene-d5	0.0428		0.04854		88.3	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0487		0.04854		100	16	151		0		
Surr: 2-Fluorobiphenyl	0.0422		0.04854		86.9	10	130		0		
Surr: p-Terphenyl-d14	0.0486		0.04854		100	20	181		0		

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respor
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

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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: R224748

Sample ID: LCS-R224748	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 224748						
Client ID: BatchQC	Batch ID: R224748	TestNo: SW8260		Analysis Date: 1/13/2026	SeqNo: 5990158						
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	107	70	190				
n-Butyl acrylate	21.7	5.00	20.00	0	109	60	133				
Surr: 4-Bromofluorobenzene	50.0		50.00		99.9	70	130				
Surr: Dibromofluoromethane	51.7		50.00		103	70	130				
Surr: Toluene-d8	50.1		50.00		100	70	130				

Sample ID: MB-R224748	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 224748						
Client ID: BatchQC	Batch ID: R224748	TestNo: SW8260		Analysis Date: 1/13/2026	SeqNo: 5990161						
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	48.9		50.00		97.7	70	130				
Surr: Dibromofluoromethane	51.2		50.00		102	70	130				
Surr: Toluene-d8	49.6		50.00		99.1	70	130				

Sample ID: 26010663-003DMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 224748						
Client ID: ES-046	Batch ID: R224748	TestNo: SW8260		Analysis Date: 1/13/2026	SeqNo: 5990164						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	22.3	5.00	20.00	0	111	70	190				
n-Butyl acrylate	23.7	5.00	20.00	0	119	18.8	188				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	70	130				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
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

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QC SUMMARY REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: R224748

Sample ID: 26010663-003DMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 224748						
Client ID: ES-046	Batch ID: R224748	TestNo: SW8260		Analysis Date: 1/13/2026	SeqNo: 5990164						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	52.7		50.00		105	70	130				
Surr: Toluene-d8	51.1		50.00		102	46.1	154				

Sample ID: 26010663-003DMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 224748						
Client ID: ES-046	Batch ID: R224748	TestNo: SW8260		Analysis Date: 1/13/2026	SeqNo: 5990165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Ethylhexyl acrylate	23.6	5.00	20.00	0	118	70	190	22.27	5.63	20	
n-Butyl acrylate	24.2	5.00	20.00	0	121	18.8	188	23.71	2.07	20	
Surr: 4-Bromofluorobenzene	49.9		50.00		99.7	70	130		0	20	
Surr: Dibromofluoromethane	51.9		50.00		104	70	130		0	20	
Surr: Toluene-d8	50.6		50.00		101	46.1	154		0	20	

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
	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

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QC SUMMARY REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District
Project: Extended Sampling Program

BatchID: R224753

Sample ID: LCS-R224753	SampType: LCS	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: BatchQC	Batch ID: R224753	TestNo: E524.2	Analysis Date: 1/13/2026	SeqNo: 5990268							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.99	0.500	5.000	0	99.8	70	130				
1,2,4-Trimethylbenzene	4.78	0.500	5.000	0	95.6	70	130				
Benzene	4.96	0.500	5.000	0	99.2	70	130				
Ethylbenzene	4.75	0.500	5.000	0	95.0	70	130				
m,p-Xylene	9.82	0.500	10.00	0	98.2	70	130				
Naphthalene	4.30	0.500	5.000	0	86.1	70	130				
o-Xylene	5.05	0.500	5.000	0	101	70	130				
Toluene	4.93	0.500	5.000	0	98.6	70	130				
Vinyl chloride	5.06	0.500	5.000	0	101	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.6		10.00		106	70	130				
Surr: 4-Bromofluorobenzene	11.5		10.00		115	70	130				

Sample ID: MB-R224753	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: BatchQC	Batch ID: R224753	TestNo: E524.2	Analysis Date: 1/13/2026	SeqNo: 5990270							
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:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
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

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QC SUMMARY REPORT

WO#: 26010663

19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: R224753

Sample ID: MB-R224753	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: BatchQC	Batch ID: R224753	TestNo: E524.2		Analysis Date: 1/13/2026	SeqNo: 5990270						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	8.22		10.00		82.2	70	130				
Surr: 4-Bromofluorobenzene	8.14		10.00		81.4	70	130				

Sample ID: 26010663-003CMS	SampType: MS	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: ES-046	Batch ID: R224753	TestNo: E524.2		Analysis Date: 1/13/2026	SeqNo: 5990274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloropropene	5.52	0.500	5.000	0	110	70	130				
1,2,4-Trimethylbenzene	5.47	0.500	5.000	0	109	70	130				
Benzene	5.48	0.500	5.000	0	110	70	130				
Ethylbenzene	5.22	0.500	5.000	0	104	70	130				
m,p-Xylene	11.1	0.500	10.00	0	111	70	130				
Naphthalene	4.57	0.500	5.000	0	91.4	70	130				
o-Xylene	5.65	0.500	5.000	0	113	70	130				
Toluene	5.39	0.500	5.000	0	108	70	130				
Vinyl chloride	6.07	0.500	5.000	0	121	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.6		10.00		106	70	130				
Surr: 4-Bromofluorobenzene	11.2		10.00		112	70	130				

Sample ID: 26010663-003CMSD	SampType: MSD	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: ES-046	Batch ID: R224753	TestNo: E524.2		Analysis Date: 1/13/2026	SeqNo: 5990275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respo
	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

Original



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QC SUMMARY REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

BatchID: R224753

Sample ID: 26010663-003CMSD	SampType: MSD	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 224753						
Client ID: ES-046	Batch ID: R224753	TestNo: E524.2		Analysis Date: 1/13/2026	SeqNo: 5990275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.54	0.500	5.000	0	111	70	130	5.521	0.289	25	
1,2,4-Trimethylbenzene	5.18	0.500	5.000	0	104	70	130	5.474	5.50	25	
Benzene	5.41	0.500	5.000	0	108	70	130	5.482	1.38	25	
Ethylbenzene	5.13	0.500	5.000	0	103	70	130	5.221	1.76	25	
m,p-Xylene	10.8	0.500	10.00	0	108	70	130	11.11	2.57	25	
Naphthalene	4.66	0.500	5.000	0	93.2	70	130	4.572	1.86	25	
o-Xylene	5.56	0.500	5.000	0	111	70	130	5.650	1.64	25	
Toluene	5.37	0.500	5.000	0	107	70	130	5.394	0.520	25	
Vinyl chloride	6.22	0.500	5.000	0	124	70	130	6.066	2.57	25	
Surr: 1,2-Dichlorobenzene-d4	10.6		10.00		106	70	130		0	25	
Surr: 4-Bromofluorobenzene	11.4		10.00		114	70	130		0	25	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area respon
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

Original

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

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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DATES REPORT

WO#: 26010663
 19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26010663-001A	ES-050	1/9/2026 12:20:00 PM	Drinking Water	Synthetic Organic Compounds by GC/I (EPA 525.3)		1/13/2026 7:30:00 AM	1/14/2026 7:50:00 PM
26010663-001B				SVOC by 8270E		1/13/2026 11:50:00 AM	1/14/2026 7:56:00 PM
26010663-001C				VOC-GC/MS (524.2)			1/13/2026 12:43:00 PM
26010663-001D				VOC by GC/MS (8260D)			1/13/2026 6:53:00 PM
26010663-002A	ES-048	1/9/2026 1:20:00 PM		Synthetic Organic Compounds by GC/I (EPA 525.3)		1/13/2026 7:30:00 AM	1/14/2026 9:30:00 PM
26010663-002B				SVOC by 8270E		1/13/2026 11:50:00 AM	1/14/2026 8:28:00 PM
26010663-002C				VOC-GC/MS (524.2)			1/13/2026 1:11:00 PM
26010663-002D				VOC by GC/MS (8260D)			1/13/2026 7:20:00 PM
26010663-003A	ES-046	1/9/2026 3:25:00 PM		Synthetic Organic Compounds by GC/I (EPA 525.3)		1/13/2026 7:30:00 AM	1/14/2026 10:04:00 PM
26010663-003B				SVOC by 8270E		1/13/2026 11:50:00 AM	1/14/2026 9:00:00 PM
26010663-003C				VOC-GC/MS (524.2)			1/13/2026 1:39:00 PM
26010663-003D				VOC by GC/MS (8260D)			1/13/2026 7:47:00 PM
26010663-004A	ES-047	1/9/2026 2:20:00 PM		Synthetic Organic Compounds by GC/I (EPA 525.3)		1/13/2026 7:30:00 AM	1/14/2026 11:43:00 PM
26010663-004B				SVOC by 8270E		1/13/2026 11:50:00 AM	1/14/2026 10:34:00 PM
26010663-004C				VOC-GC/MS (524.2)			1/13/2026 3:31:00 PM
26010663-004D				VOC by GC/MS (8260D)			1/13/2026 8:14:00 PM
26010663-005A	FB-047	1/9/2026 2:10:00 PM		Synthetic Organic Compounds by GC/I (EPA 525.3)		1/13/2026 7:30:00 AM	1/15/2026 12:17:00 AM
26010663-005B				SVOC by 8270E		1/13/2026 11:50:00 AM	1/14/2026 11:06:00 PM
26010663-005C				VOC-GC/MS (524.2)			1/13/2026 3:59:00 PM
26010663-005D				VOC by GC/MS (8260D)			1/13/2026 8:41:00 PM
26010663-006A	Trip Blank 1			VOC-GC/MS (524.2)			1/13/2026 4:27:00 PM

Original



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DATES REPORT

WO#: 26010663
19-Jan-26

Client: Columbiana County Health District

Project: Extended Sampling Program

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26010663-006B	Trip Blank 1		Drinking Water	VOC by GC/MS (8260D)			1/13/2026 5:04:00 PM
26010663-007A	Trip Blank 2			VOC-GC/MS (524.2)			1/13/2026 4:54:00 PM
26010663-007B				VOC by GC/MS (8260D)			1/13/2026 5:31:00 PM
26010663-008A	Trip Blank 3			VOC-GC/MS (524.2)			1/13/2026 5:22:00 PM
26010663-008B				VOC by GC/MS (8260D)			1/13/2026 5:59:00 PM
26010663-009A	Trip Blank 4			VOC-GC/MS (524.2)			1/13/2026 5:50:00 PM
26010663-009B				VOC by GC/MS (8260D)			1/13/2026 6:26:00 PM

Original

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Analysis Request / Chain of Custody
<https://www.allianceeg.com/services/chainofcustody.html>
<https://testlab.com/>

For Alliance Technical Group, LLC-Abrva use only

Client Name CCHD Client Street Address 7360 SR 45 City: Lisbon OH State: OH Zip: 44432 Client Phone 330-424-0272		Project Name/Work Order/Extended Service/Reference UCHD		Analysis Request / Chain of Custody https://www.allianceeg.com/services/chainofcustody.html https://testlab.com/		LLAB WO NO:	
Contact Person Kevin Slimmerville Client Email Address kslimmerville@columbiana-health.org Sample ID FB-017 Sample Name Kitchen Sink Date Collected 1/12/26 14:00		Quote Number Facility ID PWS ID Sampling/Analytical Requirements <input type="checkbox"/> Chlor Vials <input type="checkbox"/> Drinking Water Campaigns <input type="checkbox"/> BOD5 Other Comments (Use Serial Program)		Matrix S - Solid, SL - Sludge, L - Liquid, O - Oil, A - Air, N/P - Non-Portable Water, DW - Drinking Water DW 8 DW 8		Number of Containers per Sample 10 10	
Sample Identification FB-017 Kitchen Sink FB-017 FB		Date Collected 1/12/26 14:00 1/12/26 14:00		Grab Sample ✓ X		Composite Sample 8 8	
Sample ID FB-017		Date 1/12/26		Time 1:33		Notes / Comments 524: HCL, 8260: HCL, 525: Sodium Sulfite	
Received at ATG-Abrva By: [Signature]		Date 1/12/26		Time 1:33		Carrier CATERPILLAR	
Received at ATG-Abrva By: [Signature]		Date 1/12/26		Time 1:33		Carrier CATERPILLAR	
Requisitioned by: [Signature]		Date 1/12/26		Time 1:33		Carrier CATERPILLAR	
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Requisitioned by: [Signature							



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: **26010663**

RcptNo: **1**

Logged by:	Christina N. Gemma	1/12/2026 1:00:00 PM	
Completed By:	Christina N. Gemma	1/12/2026 4:45:53 PM	
Reviewed By:	Holly Florea	1/13/2026 6:57:12 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: 1/12/2026 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:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes		1/12/2026	
2	1.8	Good	Yes		1/12/2026	
3	2.2	Good	Yes		1/12/2026	



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Sample Log-In Check List

Client Name: **COL-OH-44432**

Work Order Number: **26010663**

RcptNo: 1

4	4.2	Good	Yes	1/12/2026
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