



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

May 13, 2026

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

RE: Extended Sampling

Dear Kevin Summerville:

Order No.: 26050172

Alliance Technical Group - Akron received 3 sample(s) on 5/4/2026 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#: 26050172
13-May-26

CLIENT: Columbiana County Health District
Project: Extended Sampling

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26050172-001	ES-092		5/1/2026 11:35:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-001	ES-092		5/1/2026 11:35:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-001	ES-092		5/1/2026 11:35:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-001	ES-092		5/1/2026 11:35:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-002	FB-092		5/1/2026 11:25:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-002	FB-092		5/1/2026 11:25:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-002	FB-092		5/1/2026 11:25:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-002	FB-092		5/1/2026 11:25:00 AM	5/4/2026 1:42:00 PM	Drinking Water
26050172-003	Trip Blank			5/4/2026 1:42:00 PM	Drinking Water
26050172-003	Trip Blank			5/4/2026 1:42:00 PM	Drinking Water



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Case Narrative

WO#: 26050172
Date: 5/13/2026

CLIENT: Columbiana County Health District
Project: Extended Sampling

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:

26050172: 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#: 26050172

Date Reported: 5/13/2026

Lab ID: 26050172-001

Collection Date: 5/1/2026 11:35:00 AM

Client Sample ID ES-092

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	0.00356	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	96260	5/8/2026 3:14:00 PM
Pyrene	0.0294	0.00630	0.0980	J	µg/L	1	96260	5/8/2026 3:14:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	101		70-130		%Rec	1	96260	5/8/2026 3:14:00 PM
Surr: Benzo(a)pyrene-d12	83.2		70-130		%Rec	1	96260	5/8/2026 3:14:00 PM
Surr: Triphenyl phosphate	111		70-130		%Rec	1	96260	5/8/2026 3:14:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96197	5/6/2026 1:23:00 PM
Surr: Nitrobenzene-d5	76.2		10-130		%Rec	1	96197	5/6/2026 1:23:00 PM
Surr: 2-Fluorobiphenyl	76.4		10-130		%Rec	1	96197	5/6/2026 1:23:00 PM
Surr: p-Terphenyl-d14	104		20-181		%Rec	1	96197	5/6/2026 1:23:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: EC	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R235759	5/5/2026 2:03:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R235759	5/5/2026 2:03:00 PM
Surr: 1,2-Dichlorobenzene-d4	92.6		70-130		%Rec	1	R235759	5/5/2026 2:03:00 PM
Surr: 4-Bromofluorobenzene	92.1		70-130		%Rec	1	R235759	5/5/2026 2:03:00 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



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Analytical Report

(consolidated)

WO#: **26050172**

Date Reported: **5/13/2026**

Lab ID: 26050172-001

Collection Date: 5/1/2026 11:35:00 AM

Client Sample ID ES-092

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	R235808	5/4/2026 8:22:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R235808	5/4/2026 8:22:00 PM
Surr: 4-Bromofluorobenzene	94.1		70-130		%Rec	1	R235808	5/4/2026 8:22:00 PM
Surr: Dibromofluoromethane	101		70-130		%Rec	1	R235808	5/4/2026 8:22:00 PM
Surr: Toluene-d8	97.4		70-130		%Rec	1	R235808	5/4/2026 8:22:00 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 |



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Analytical Report

(consolidated)

WO#: 26050172

Date Reported: 5/13/2026

Lab ID: 26050172-002

Collection Date: 5/1/2026 11:25:00 AM

Client Sample ID FB-092

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	0.00356	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	96260	5/8/2026 3:47:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	100		70-130		%Rec	1	96260	5/8/2026 3:47:00 PM
Surr: Benzo(a)pyrene-d12	95.2		70-130		%Rec	1	96260	5/8/2026 3:47:00 PM
Surr: Triphenyl phosphate	107		70-130		%Rec	1	96260	5/8/2026 3:47:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96197	5/6/2026 1:56:00 PM
Surr: Nitrobenzene-d5	73.3		10-130		%Rec	1	96197	5/6/2026 1:56:00 PM
Surr: 2-Fluorobiphenyl	73.3		10-130		%Rec	1	96197	5/6/2026 1:56:00 PM
Surr: p-Terphenyl-d14	96.8		20-181		%Rec	1	96197	5/6/2026 1:56:00 PM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: EC	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R235759	5/5/2026 1:07:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R235759	5/5/2026 1:07:00 PM
Surr: 1,2-Dichlorobenzene-d4	91.1		70-130		%Rec	1	R235759	5/5/2026 1:07:00 PM
Surr: 4-Bromofluorobenzene	86.9		70-130		%Rec	1	R235759	5/5/2026 1:07:00 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



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Analytical Report

(consolidated)

WO#: **26050172**

Date Reported: **5/13/2026**

Lab ID: 26050172-002

Collection Date: 5/1/2026 11:25:00 AM

Client Sample ID FB-092

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	R235808	5/4/2026 8:49:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R235808	5/4/2026 8:49:00 PM
Surr: 4-Bromofluorobenzene	94.1		70-130		%Rec	1	R235808	5/4/2026 8:49:00 PM
Surr: Dibromofluoromethane	100		70-130		%Rec	1	R235808	5/4/2026 8:49:00 PM
Surr: Toluene-d8	98.3		70-130		%Rec	1	R235808	5/4/2026 8:49:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

E Value above quantitation range
 M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit
 J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: **26050172**

Date Reported: **5/13/2026**

Lab ID: 26050172-003

Collection Date:

Client Sample ID Trip Blank

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)				EPA 524.2				Analyst: EC
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R235759	5/5/2026 12:39:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R235759	5/5/2026 12:39:00 PM
Surr: 1,2-Dichlorobenzene-d4	92.1		70-130		%Rec	1	R235759	5/5/2026 12:39:00 PM
Surr: 4-Bromofluorobenzene	91.9		70-130		%Rec	1	R235759	5/5/2026 12:39:00 PM
VOC BY GC/MS (8260D)				EPA 8260D				EPA 5030 B Analyst: RD
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R235808	5/4/2026 9:15:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R235808	5/4/2026 9:15:00 PM
Surr: 4-Bromofluorobenzene	92.1		70-130		%Rec	1	R235808	5/4/2026 9:15:00 PM
Surr: Dibromofluoromethane	102		70-130		%Rec	1	R235808	5/4/2026 9:15:00 PM
Surr: Toluene-d8	97.5		70-130		%Rec	1	R235808	5/4/2026 9:15:00 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



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QC SUMMARY REPORT

WO#: 26050172
 13-May-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 96197

Sample ID: 26050264-004BMS	SampType: MS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 5/6/2026	RunNo: 236084						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/8/2026	SeqNo: 6190093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0247		0.04854		50.9	10	130				
Surr: Phenol-d6	0.0155		0.04854		32.0	10	130				
Surr: Nitrobenzene-d5	0.0388		0.04854		79.9	10	130				
Surr: 2,4,6-Tribromophenol	0.0513		0.04854		106	16	151				
Surr: 2-Fluorobiphenyl	0.0415		0.04854		85.6	10	130				
Surr: p-Terphenyl-d14	0.0473		0.04854		97.5	20	181				

Sample ID: 26050264-004BMSD	SampType: MSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 5/6/2026	RunNo: 236084						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/8/2026	SeqNo: 6190094						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0281		0.04854		57.8	10	130		0		
Surr: Phenol-d6	0.0186		0.04854		38.2	10	130		0		
Surr: Nitrobenzene-d5	0.0425		0.04854		87.6	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0648		0.04854		133	16	151		0		
Surr: 2-Fluorobiphenyl	0.0456		0.04854		94.0	10	130		0		
Surr: p-Terphenyl-d14	0.0565		0.04854		116	20	181		0		

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 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#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 96197

Sample ID: MB-96197	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 5/5/2026	RunNo: 235890						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/6/2026	SeqNo: 6184782						
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	0.0223		0.05000		44.5	10	130				
Surr: Phenol-d6	0.0153		0.05000		30.6	10	130				
Surr: Nitrobenzene-d5	0.0343		0.05000		68.7	10	130				
Surr: 2,4,6-Tribromophenol	0.0432		0.05000		86.4	16	151				
Surr: 2-Fluorobiphenyl	0.0344		0.05000		68.9	10	130				
Surr: p-Terphenyl-d14	0.0477		0.05000		95.4	20	181				

Sample ID: LCS-96197	SampType: LCS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 5/5/2026	RunNo: 235890						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/6/2026	SeqNo: 6184783						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0200		0.05000		40.1	10	130				
Surr: Phenol-d6	0.0146		0.05000		29.3	10	130				
Surr: Nitrobenzene-d5	0.0295		0.05000		59.0	10	130				
Surr: 2,4,6-Tribromophenol	0.0398		0.05000		79.6	16	151				
Surr: 2-Fluorobiphenyl	0.0290		0.05000		57.9	10	130				
Surr: p-Terphenyl-d14	0.0371		0.05000		74.2	20	181				

Sample ID: LCSD-96197	SampType: LCSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 5/5/2026	RunNo: 235890						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/6/2026	SeqNo: 6184784						
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 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 sp
J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 96197

Sample ID: LCSD-96197	SampType: LCSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 5/5/2026	RunNo: 235890						
Client ID: BatchQC	Batch ID: 96197	TestNo: SW8270	SW3510C	Analysis Date: 5/6/2026	SeqNo: 6184784						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0250		0.05000		50.0	10	130		0		
Surr: Phenol-d6	0.0175		0.05000		35.0	10	130		0		
Surr: Nitrobenzene-d5	0.0360		0.05000		72.1	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0456		0.05000		91.3	16	151		0		
Surr: 2-Fluorobiphenyl	0.0356		0.05000		71.1	10	130		0		
Surr: p-Terphenyl-d14	0.0425		0.05000		85.0	20	181		0		

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceede
	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				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 96260

Sample ID: MB-96260	SampType: MBLK	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 5/6/2026	RunNo: 236093						
Client ID: BatchQC	Batch ID: 96260	TestNo: E525	525	Analysis Date: 5/8/2026	SeqNo: 6190265						
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	4.80		5.000		96.0	70	130				
Surr: Benzo(a)pyrene-d12	4.93		5.000		98.6	70	130				
Surr: Triphenyl phosphate	5.33		5.000		107	70	130				

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 sp
	J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172
 13-May-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 96260

Sample ID: LCS-96260	SampType: LCS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 5/6/2026	RunNo: 236093						
Client ID: BatchQC	Batch ID: 96260	TestNo: E525	525	Analysis Date: 5/8/2026	SeqNo: 6190267						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.41	0.100	5.000	0	88.2	70	130				
2-Methylnaphthalene	4.48	0.100	5.000	0	89.6	70	130				
Acenaphthene	4.43	0.100	5.000	0	88.6	70	130				
Acenaphthylene	4.53	0.100	5.000	0	90.6	70	130				
Anthracene	4.70	0.100	5.000	0	94.0	70	130				
Benz(a)anthracene	4.78	0.100	5.000	0	95.6	70	130				
Benzo(a)pyrene	4.38	0.100	5.000	0	87.6	70	130				
Benzo(b)fluoranthene	4.49	0.100	5.000	0	89.8	70	130				
Benzo(g,h,i)perylene	4.38	0.100	5.000	0	87.6	70	130				
Benzo(k)fluoranthene	4.83	0.100	5.000	0	96.6	70	130				
Chrysene	5.23	0.100	5.000	0	105	70	130				
Dibenz(a,h)anthracene	4.27	0.100	5.000	0	85.4	70	130				
Fluoranthene	4.73	0.100	5.000	0	94.6	70	130				
Fluorene	4.65	0.100	5.000	0	93.0	70	130				
Indeno(1,2,3-cd)pyrene	4.20	1.00	5.000	0	84.0	70	130				m
Naphthalene	4.34	0.100	5.000	0	86.8	70	130				
Phenanthrene	4.65	0.100	5.000	0	93.0	70	130				
Pyrene	4.85	0.100	5.000	0	97.0	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.92		5.000		98.4	70	130				
Surr: Benzo(a)pyrene-d12	4.85		5.000		97.0	70	130				
Surr: Triphenyl phosphate	5.30		5.000		106	70	130				

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 sp
	J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 96260

Sample ID: LCSD-96260	SampType: LCSD	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 5/6/2026	RunNo: 236093						
Client ID: BatchQC	Batch ID: 96260	TestNo: E525	525	Analysis Date: 5/8/2026	SeqNo: 6190269						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.65	0.100	5.000	0	93.0	70	130	4.410	5.30	30	
2-Methylnaphthalene	4.73	0.100	5.000	0	94.6	70	130	4.480	5.43	30	
Acenaphthene	4.66	0.100	5.000	0	93.2	70	130	4.430	5.06	30	
Acenaphthylene	4.84	0.100	5.000	0	96.8	70	130	4.530	6.62	30	
Anthracene	4.82	0.100	5.000	0	96.4	70	130	4.700	2.52	30	
Benz(a)anthracene	5.06	0.100	5.000	0	101	70	130	4.780	5.69	30	
Benzo(a)pyrene	4.74	0.100	5.000	0	94.8	70	130	4.380	7.89	30	
Benzo(b)fluoranthene	4.81	0.100	5.000	0	96.2	70	130	4.490	6.88	30	
Benzo(g,h,i)perylene	4.85	0.100	5.000	0	97.0	70	130	4.380	10.2	30	
Benzo(k)fluoranthene	5.17	0.100	5.000	0	103	70	130	4.830	6.80	30	
Chrysene	5.54	0.100	5.000	0	111	70	130	5.230	5.76	30	
Dibenz(a,h)anthracene	4.82	0.100	5.000	0	96.4	70	130	4.270	12.1	30	
Fluoranthene	4.91	0.100	5.000	0	98.2	70	130	4.730	3.73	30	
Fluorene	4.94	0.100	5.000	0	98.8	70	130	4.650	6.05	30	
Indeno(1,2,3-cd)pyrene	4.64	1.00	5.000	0	92.8	70	130	4.200	9.95	30	m
Naphthalene	4.51	0.100	5.000	0	90.2	70	130	4.340	3.84	30	
Phenanthrene	4.81	0.100	5.000	0	96.2	70	130	4.650	3.38	30	
Pyrene	4.96	0.100	5.000	0	99.2	70	130	4.850	2.24	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	5.08		5.000		102	70	130		0	30	
Surr: Benzo(a)pyrene-d12	5.12		5.000		102	70	130		0	30	
Surr: Triphenyl phosphate	5.43		5.000		109	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 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 sp
	J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 96260

Sample ID: 26050264-004AMS	SampType: MS	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 5/6/2026	RunNo: 236093						
Client ID: BatchQC	Batch ID: 96260	TestNo: E525	525	Analysis Date: 5/8/2026	SeqNo: 6190276						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.47	0.0971	4.854	0	92.0	70	130				
2-Methylnaphthalene	4.74	0.0971	4.854	0	97.6	70	130				
Acenaphthene	4.46	0.0971	4.854	0	91.8	70	130				
Acenaphthylene	4.52	0.0971	4.854	0	93.2	70	130				
Anthracene	4.64	0.0971	4.854	0	95.6	70	130				
Benz(a)anthracene	4.27	0.0971	4.854	0	88.0	70	130				
Benzo(a)pyrene	3.95	0.0971	4.854	0	81.4	70	130				
Benzo(b)fluoranthene	3.90	0.0971	4.854	0	80.4	70	130				
Benzo(g,h,i)perylene	3.83	0.0971	4.854	0	79.0	70	130				
Benzo(k)fluoranthene	4.40	0.0971	4.854	0	90.6	70	130				
Chrysene	4.97	0.0971	4.854	0	102	70	130				
Dibenz(a,h)anthracene	3.76	0.0971	4.854	0	77.4	70	130				
Fluoranthene	4.86	0.0971	4.854	0	100	70	130				
Fluorene	4.69	0.0971	4.854	0	96.6	70	130				
Indeno(1,2,3-cd)pyrene	3.73	0.971	4.854	0	76.8	70	130				m
Naphthalene	4.28	0.0971	4.854	0	88.2	70	130				
Phenanthrene	4.59	0.0971	4.854	0	94.6	70	130				
Pyrene	4.86	0.0971	4.854	0	100	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.84		4.854		99.8	70	130				
Surr: Benzo(a)pyrene-d12	3.83		4.854		78.8	70	130				
Surr: Triphenyl phosphate	5.01		4.854		103	70	130				

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 sp
	J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 96260

Sample ID: 26050264-004AMSD	SampType: MSD	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 5/6/2026	RunNo: 236093						
Client ID: BatchQC	Batch ID: 96260	TestNo: E525	525	Analysis Date: 5/8/2026	SeqNo: 6190277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.35	0.0962	4.808	0	90.4	70	130	4.466	2.72	30	
2-Methylnaphthalene	4.62	0.0962	4.808	0	96.2	70	130	4.738	2.41	30	
Acenaphthene	4.32	0.0962	4.808	0	89.8	70	130	4.456	3.17	30	
Acenaphthylene	4.40	0.0962	4.808	0	91.6	70	130	4.524	2.70	30	
Anthracene	4.49	0.0962	4.808	0	93.4	70	130	4.641	3.29	30	
Benz(a)anthracene	4.24	0.0962	4.808	0	88.2	70	130	4.272	0.739	30	
Benzo(a)pyrene	3.91	0.0962	4.808	0	81.4	70	130	3.951	0.966	30	
Benzo(b)fluoranthene	3.88	0.0962	4.808	0	80.6	70	130	3.903	0.718	30	
Benzo(g,h,i)perylene	3.82	0.0962	4.808	0	79.4	70	130	3.835	0.461	30	
Benzo(k)fluoranthene	4.35	0.0962	4.808	0	90.4	70	130	4.398	1.19	30	
Chrysene	4.83	0.0962	4.808	0	100	70	130	4.971	2.94	30	
Dibenz(a,h)anthracene	3.73	0.0962	4.808	0	77.6	70	130	3.757	0.708	30	
Fluoranthene	4.41	0.0962	4.808	0	91.8	70	130	4.864	9.71	30	
Fluorene	4.54	0.0962	4.808	0	94.4	70	130	4.689	3.27	30	
Indeno(1,2,3-cd)pyrene	3.69	0.962	4.808	0	76.8	70	130	3.728	0.966	30	m
Naphthalene	4.17	0.0962	4.808	0	86.8	70	130	4.282	2.57	30	
Phenanthrene	4.50	0.0962	4.808	0	93.6	70	130	4.592	2.03	30	
Pyrene	4.38	0.0962	4.808	0	91.0	70	130	4.864	10.6	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	4.63		4.808		96.4	70	130		0	0	
Surr: Benzo(a)pyrene-d12	3.89		4.808		81.0	70	130		0	0	
Surr: Triphenyl phosphate	4.88		4.808		101	70	130		0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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 sp
	J	Analyte detected below quantitation limits				

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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R234956

Sample ID: LCS-R234956	SampType: LCS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 234956						
Client ID: BatchQC	Batch ID: R234956	TestNo: SW8260	Analysis Date: 4/22/2026	SeqNo: 6162792							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	51.0		50.00		102	70	130				
Surr: Dibromofluoromethane	49.8		50.00		99.6	70	130				
Surr: Toluene-d8	49.8		50.00		99.7	70	130				

Sample ID: MB-R234956	SampType: MBLK	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 234956						
Client ID: BatchQC	Batch ID: R234956	TestNo: SW8260	Analysis Date: 4/22/2026	SeqNo: 6162793							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	50.2		50.00		100	70	130				
Surr: Dibromofluoromethane	51.0		50.00		102	70	130				
Surr: Toluene-d8	50.1		50.00		100	70	130				

Sample ID: 26041715-001ADUP	SampType: DUP	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 234956						
Client ID: BatchQC	Batch ID: R234956	TestNo: SW8260	Analysis Date: 4/22/2026	SeqNo: 6162796							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	51.2		50.00		102	70	130		0	20	
Surr: Dibromofluoromethane	52.5		50.00		105	70	130		0	20	
Surr: Toluene-d8	49.2		50.00		98.5	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 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 sp
	J Analyte detected below quantitation limits		

Original



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QC SUMMARY REPORT

WO#: 26050172
 13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R234956

Sample ID: 26041715-001AMS	SampType: MS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 234956						
Client ID: BatchQC	Batch ID: R234956	TestNo: SW8260	Analysis Date: 4/22/2026	SeqNo: 6162798							
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				
Surr: Dibromofluoromethane	50.4		50.00		101	70	130				
Surr: Toluene-d8	49.8		50.00		99.5	46.1	154				

Sample ID: 26041715-001AMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 234956						
Client ID: BatchQC	Batch ID: R234956	TestNo: SW8260	Analysis Date: 4/22/2026	SeqNo: 6162798							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	48.5		50.00		97.0	70	130		0	20	
Surr: Dibromofluoromethane	50.5		50.00		101	70	130		0	20	
Surr: Toluene-d8	49.2		50.00		98.5	46.1	154		0	20	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceede
	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



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 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R235759

Sample ID: LCS-R235759	SampType: LCS	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 235759						
Client ID: BatchQC	Batch ID: R235759	TestNo: E524.2	Analysis Date: 5/5/2026	SeqNo: 6181663							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.72	0.500	5.000	0	94.5	70	130				
1,2,4-Trimethylbenzene	4.57	0.500	5.000	0	91.4	70	130				
Benzene	4.57	0.500	5.000	0	91.3	70	130				
Ethylbenzene	4.58	0.500	5.000	0	91.7	70	130				
m,p-Xylene	9.06	0.500	10.00	0	90.6	70	130				
Naphthalene	4.17	0.500	5.000	0	83.4	70	130				
o-Xylene	4.36	0.500	5.000	0	87.1	70	130				
Toluene	4.52	0.500	5.000	0	90.4	70	130				
Vinyl chloride	4.01	0.500	5.000	0	80.2	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.1		10.00		101	70	130				
Surr: 4-Bromofluorobenzene	9.73		10.00		97.3	70	130				

Sample ID: MB-R235759	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 235759						
Client ID: BatchQC	Batch ID: R235759	TestNo: E524.2	Analysis Date: 5/5/2026	SeqNo: 6181665							
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 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 sp
J	Analyte detected below quantitation limits				

Original



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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R235759

Sample ID: MB-R235759	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 235759						
Client ID: BatchQC	Batch ID: R235759	TestNo: E524.2		Analysis Date: 5/5/2026	SeqNo: 6181665						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	9.71		10.00		97.1	70	130				
Surr: 4-Bromofluorobenzene	9.75		10.00		97.5	70	130				

Sample ID: 26050172-002CDUP	SampType: DUP	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 235759						
Client ID: FB-092	Batch ID: R235759	TestNo: E524.2		Analysis Date: 5/5/2026	SeqNo: 6181668						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloropropene	ND	0.500						0	0	20	
1,2,4-Trimethylbenzene	ND	0.500						0	0	20	
Benzene	ND	0.500						0	0	20	
Ethylbenzene	ND	0.500						0	0	20	
m,p-Xylene	ND	0.500						0	0	20	
Naphthalene	ND	0.500						0	0	20	
o-Xylene	ND	0.500						0	0	20	
Toluene	ND	0.500						0	0	20	
Vinyl chloride	ND	0.500						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	9.86		10.00		98.6	70	130		0	20	
Surr: 4-Bromofluorobenzene	9.15		10.00		91.5	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 exceede
	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



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QC SUMMARY REPORT

WO#: 26050172
 13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R235808

Sample ID: 26050113-005AMS	SampType: MS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 235808						
Client ID: BatchQC	Batch ID: R235808	TestNo: SW8260		Analysis Date: 5/4/2026	SeqNo: 6182764						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	2360		2500		94.6	70	130				
Surr: Dibromofluoromethane	2580		2500		103	70	130				
Surr: Toluene-d8	2520		2500		101	70	130				

Sample ID: 26050113-005AMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 235808						
Client ID: BatchQC	Batch ID: R235808	TestNo: SW8260		Analysis Date: 5/4/2026	SeqNo: 6182765						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	2350		2500		94.1	70	130		0	20	
Surr: Dibromofluoromethane	2510		2500		100	70	130		0	20	
Surr: Toluene-d8	2480		2500		99.0	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 exceede
	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



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QC SUMMARY REPORT

WO#: 26050172

13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R235808

Sample ID: LCS-R235808	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 235808						
Client ID: BatchQC	Batch ID: R235808	TestNo: SW8260	Analysis Date: 5/4/2026	SeqNo: 6182751							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	27.7	5.00	20.00	0	138	70	190				
n-Butyl acrylate	22.1	5.00	20.00	0	110	60	133				
Surr: 4-Bromofluorobenzene	48.0		50.00		96.1	70	130				
Surr: Dibromofluoromethane	51.0		50.00		102	70	130				
Surr: Toluene-d8	49.4		50.00		98.8	70	130				

Sample ID: MB-R235808	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 235808						
Client ID: BatchQC	Batch ID: R235808	TestNo: SW8260	Analysis Date: 5/4/2026	SeqNo: 6182754							
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	47.9		50.00		95.8	70	130				
Surr: Dibromofluoromethane	51.0		50.00		102	70	130				
Surr: Toluene-d8	49.1		50.00		98.1	70	130				

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 sp
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#: 26050172
13-May-26

Client: Columbiana County Health District

Project: Extended Sampling

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26050172-001A	ES-092	5/1/2026 11:35:00 AM	Drinking Water	Synthetic Organic Compounds by GC/ (EPA 525.3)		5/6/2026 2:00:00 PM	5/8/2026 3:14:00 PM
26050172-001B				SVOC by 8270E		5/5/2026 11:24:00 AM	5/6/2026 1:23:00 PM
26050172-001C				VOC-GC/MS (524.2)			5/5/2026 2:03:00 PM
26050172-001D				VOC by GC/MS (8260D)			5/4/2026 8:22:00 PM
26050172-002A	FB-092	5/1/2026 11:25:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		5/6/2026 2:00:00 PM	5/8/2026 3:47:00 PM
26050172-002B				SVOC by 8270E		5/5/2026 11:24:00 AM	5/6/2026 1:56:00 PM
26050172-002C				VOC-GC/MS (524.2)			5/5/2026 1:07:00 PM
26050172-002D				VOC by GC/MS (8260D)			5/4/2026 8:49:00 PM
26050172-003A	Trip Blank			VOC-GC/MS (524.2)			5/5/2026 12:39:00 PM
26050172-003B				VOC by GC/MS (8260D)			5/4/2026 9:15:00 PM

Original



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Analysis Request / Chain of Custody
<https://www.allianceg.com/services/environmental>
<https://netek.com/>

LAB NO.: 6050172
 For Alliance Technical Group, LLC/Arso use only
 Analytical Parameters and Methods Requested

Client Name CCHD		Project Identification [Redacted]									
Client Street Address 7360 SR 45		City Lisbon									
State OH		Zip 44432									
Client Phone 330-424-0272		Project # CCHD									
Client Email Address Kevin.Surmerville@cumt.com		Project ID									
Sampled By (Print Name and Professional Signature) Kevin Surmerville		Reporting/Compliance Requirements <input type="checkbox"/> Ohio VAP <input type="checkbox"/> Drinking Water Compliance <input type="checkbox"/> Other Compliance (List State Program): <input type="checkbox"/> OHS 29V, 79, C6 <input type="checkbox"/> HOSFR									
Site www.cchd.com		<input type="checkbox"/> For DW Only: results to be reported to state by user if req. lab fee may apply. <input type="checkbox"/> Y <input type="checkbox"/> N									
#	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	Notes / Comments	
	25-092	Carriage Spigot	5/18/12	11:35	✓		DW 8		524	524: HCL, 8260: HCL, 525: Sodium Sulfite	
	FB-092	FB	5/18/12	11:25	X		DW 8		8270		
									525		
									8260		
Relinquished by:		Date	Time	Received by:	Date	Time					
[Signature]		5/14/12	8:15 am	[Signature]	5/14	8:15					
Received at ARG-Arso By:		Date	Time	Carrier							
[Signature]		5/14/12	13:42	ARG							
RUSH Requested: _____ Day(s)		RUSH provides advanced notice of rush requests whenever possible.									
Sufficient Volume for analysis?		YES		NO		Colder? YES		NO		N/A	
Receipt Temperature		INTACT		NOT INTACT		Colder? YES		NO		N/A	
Ice Present?		YES		NO		Colder? YES		NO		N/A	




1.3 - 0.1 = 1.2 0.5 - 0.1 = 0.4

Sample Log-In Check List

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

Work Order Number: **26050172**

RcptNo: **1**

Logged by:	Nick Rigby	5/4/2026 1:42:00 PM	
Completed By:	Nick Rigby	5/4/2026 1:49:28 PM	
Reviewed By:	Holly Florea	5/4/2026 3:27:02 PM	

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: 5/4/2026 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 style="width: 90%;" type="text"/>	Date:	<input style="width: 90%;" type="text"/>
By Whom:	<input style="width: 90%;" type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input style="width: 100%;" type="text"/>		
Client Instructions:	<input style="width: 100%;" type="text"/>		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes		5/4/2026	