



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

April 21, 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

Dear Laura Fauss, MPH, REHS:

Order No.: 26040311

Alliance Technical Group - Akron received 3 sample(s) on 4/3/2026 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#: 26040311
 21-Apr-26

CLIENT: Columbiana County Health District
Project: Extended Sampling

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26040311-001	FB ES - 080		4/2/2026 10:25:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-001	FB ES - 080		4/2/2026 10:25:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-001	FB ES - 080		4/2/2026 10:25:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-001	FB ES - 080		4/2/2026 10:25:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-002	ES - 080		4/2/2026 10:35:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-002	ES - 080		4/2/2026 10:35:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-002	ES - 080		4/2/2026 10:35:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-002	ES - 080		4/2/2026 10:35:00 AM	4/3/2026 12:05:00 PM	Drinking Water
26040311-003	Trip Blank			4/3/2026 12:05:00 PM	Drinking Water
26040311-003	Trip Blank			4/3/2026 12:05:00 PM	Drinking Water



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Case Narrative

WO#: 26040311
Date: 4/21/2026

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:

26040311: 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#: 26040311

Date Reported: 4/21/2026

Lab ID: 26040311-001

Collection Date: 4/2/2026 10:25:00 AM

Client Sample ID FB ES - 080

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	95397	4/7/2026 7:44:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	95397	4/7/2026 7:44:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	99.8		70-130		%Rec	1	95397	4/7/2026 7:44:00 PM
Surr: Benzo(a)pyrene-d12	116		70-130		%Rec	1	95397	4/7/2026 7:44:00 PM
Surr: Triphenyl phosphate	129		70-130		%Rec	1	95397	4/7/2026 7:44:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510	Analyst: SAM
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	95470	4/10/2026 5:25:00 AM
Surr: Nitrobenzene-d5	88.0		10-130		%Rec	1	95470	4/10/2026 5:25:00 AM
Surr: 2-Fluorobiphenyl	70.2		10-130		%Rec	1	95470	4/10/2026 5:25:00 AM
Surr: p-Terphenyl-d14	107		20-181		%Rec	1	95470	4/10/2026 5:25:00 AM
VOC-GC/MS (524.2)					EPA 524.2			Analyst: EC
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R233688	4/6/2026 7:03:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R233688	4/6/2026 7:03:00 PM
Surr: 1,2-Dichlorobenzene-d4	98.7		70-130		%Rec	1	R233688	4/6/2026 7:03:00 PM
Surr: 4-Bromofluorobenzene	97.2		70-130		%Rec	1	R233688	4/6/2026 7:03:00 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#: **26040311**

Date Reported: **4/21/2026**

Lab ID: 26040311-001

Collection Date: 4/2/2026 10:25:00 AM

Client Sample ID FB ES - 080

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	R233920	4/8/2026 3:49:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R233920	4/8/2026 3:49:00 PM
Surr: 4-Bromofluorobenzene	109		70-130		%Rec	1	R233920	4/8/2026 3:49:00 PM
Surr: Dibromofluoromethane	99.2		70-130		%Rec	1	R233920	4/8/2026 3:49:00 PM
Surr: Toluene-d8	99.7		70-130		%Rec	1	R233920	4/8/2026 3:49:00 PM

Qualifiers:

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



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Analytical Report

(consolidated)

WO#: 26040311

Date Reported: 4/21/2026

Lab ID: 26040311-002

Collection Date: 4/2/2026 10:35:00 AM

Client Sample ID ES - 080

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	95397	4/7/2026 8:17:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	95397	4/7/2026 8:17:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	101		70-130		%Rec	1	95397	4/7/2026 8:17:00 PM
Surr: Benzo(a)pyrene-d12	96.6		70-130		%Rec	1	95397	4/7/2026 8:17:00 PM
Surr: Triphenyl phosphate	129		70-130		%Rec	1	95397	4/7/2026 8:17:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.181	30.0		µg/L	1	95470	4/10/2026 5:57:00 AM
Surr: Nitrobenzene-d5	86.5		10-130		%Rec	1	95470	4/10/2026 5:57:00 AM
Surr: 2-Fluorobiphenyl	70.9		10-130		%Rec	1	95470	4/10/2026 5:57:00 AM
Surr: p-Terphenyl-d14	111		20-181		%Rec	1	95470	4/10/2026 5:57:00 AM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: EC	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R233688	4/6/2026 7:30:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R233688	4/6/2026 7:30:00 PM
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%Rec	1	R233688	4/6/2026 7:30:00 PM
Surr: 4-Bromofluorobenzene	101		70-130		%Rec	1	R233688	4/6/2026 7:30:00 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#: 26040311

Date Reported: 4/21/2026

Lab ID: 26040311-002

Collection Date: 4/2/2026 10:35:00 AM

Client Sample ID ES - 080

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	R233920	4/8/2026 4:15:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R233920	4/8/2026 4:15:00 PM
Surr: 4-Bromofluorobenzene	109		70-130		%Rec	1	R233920	4/8/2026 4:15:00 PM
Surr: Dibromofluoromethane	98.6		70-130		%Rec	1	R233920	4/8/2026 4:15:00 PM
Surr: Toluene-d8	100		70-130		%Rec	1	R233920	4/8/2026 4:15:00 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#: **26040311**

Date Reported: **4/21/2026**

Lab ID: 26040311-003

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	R233688	4/6/2026 7:58:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R233688	4/6/2026 7:58:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R233688	4/6/2026 7:58:00 PM
Surr: 1,2-Dichlorobenzene-d4	94.7		70-130		%Rec	1	R233688	4/6/2026 7:58:00 PM
Surr: 4-Bromofluorobenzene	96.6		70-130		%Rec	1	R233688	4/6/2026 7:58:00 PM
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B Analyst: RD	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R233920	4/8/2026 4:42:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R233920	4/8/2026 4:42:00 PM
Surr: 4-Bromofluorobenzene	110		70-130		%Rec	1	R233920	4/8/2026 4:42:00 PM
Surr: Dibromofluoromethane	99.7		70-130		%Rec	1	R233920	4/8/2026 4:42:00 PM
Surr: Toluene-d8	100		70-130		%Rec	1	R233920	4/8/2026 4:42:00 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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 95397

Sample ID: LCS-95397	SampType: LCS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 4/6/2026	RunNo: 233799						
Client ID: BatchQC	Batch ID: 95397	TestNo: E525	525	Analysis Date: 4/7/2026	SeqNo: 6133780						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.12	0.100	5.000	0	82.4	70	130				
2-Methylnaphthalene	4.09	0.100	5.000	0	81.8	70	130				
Acenaphthene	4.21	0.100	5.000	0	84.2	70	130				
Acenaphthylene	4.21	0.100	5.000	0	84.2	70	130				
Anthracene	4.55	0.100	5.000	0	91.0	70	130				
Benz(a)anthracene	4.53	0.100	5.000	0	90.6	70	130				
Benzo(a)pyrene	4.29	0.100	5.000	0	85.8	70	130				
Benzo(b)fluoranthene	4.42	0.100	5.000	0	88.4	70	130				
Benzo(g,h,i)perylene	4.35	0.100	5.000	0	87.0	70	130				
Benzo(k)fluoranthene	4.70	0.100	5.000	0	94.0	70	130				
Chrysene	5.07	0.100	5.000	0	101	70	130				
Dibenz(a,h)anthracene	4.09	0.100	5.000	0	81.8	70	130				
Fluoranthene	4.64	0.100	5.000	0	92.8	70	130				
Fluorene	4.42	0.100	5.000	0	88.4	70	130				
Indeno(1,2,3-cd)pyrene	4.18	1.00	5.000	0	83.6	70	130				m
Naphthalene	3.97	0.100	5.000	0	79.4	70	130				
Phenanthrene	4.51	0.100	5.000	0	90.2	70	130				
Pyrene	4.72	0.100	5.000	0	94.4	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.81		5.000		96.2	70	130				
Surr: Benzo(a)pyrene-d12	5.36		5.000		107	70	130				
Surr: Triphenyl phosphate	5.68		5.000		114	70	130				

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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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 Website: http://www.settek.com

QC SUMMARY REPORT

WO#: 26040311
 21-Apr-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 95397

Sample ID: LCSD-95397	SampType: LCSD	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 4/6/2026	RunNo: 233799						
Client ID: BatchQC	Batch ID: 95397	TestNo: E525	525	Analysis Date: 4/7/2026	SeqNo: 6133781						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.27	0.100	5.000	0	85.4	70	130	4.120	3.58	30	
2-Methylnaphthalene	4.22	0.100	5.000	0	84.4	70	130	4.090	3.13	30	
Acenaphthene	4.37	0.100	5.000	0	87.4	70	130	4.210	3.73	30	
Acenaphthylene	4.34	0.100	5.000	0	86.8	70	130	4.210	3.04	30	
Anthracene	4.65	0.100	5.000	0	93.0	70	130	4.550	2.17	30	
Benz(a)anthracene	4.75	0.100	5.000	0	95.0	70	130	4.530	4.74	30	
Benzo(a)pyrene	4.48	0.100	5.000	0	89.6	70	130	4.290	4.33	30	
Benzo(b)fluoranthene	4.67	0.100	5.000	0	93.4	70	130	4.420	5.50	30	
Benzo(g,h,i)perylene	4.66	0.100	5.000	0	93.2	70	130	4.350	6.88	30	
Benzo(k)fluoranthene	4.89	0.100	5.000	0	97.8	70	130	4.700	3.96	30	
Chrysene	5.25	0.100	5.000	0	105	70	130	5.070	3.49	30	
Dibenz(a,h)anthracene	4.41	0.100	5.000	0	88.2	70	130	4.090	7.53	30	
Fluoranthene	4.82	0.100	5.000	0	96.4	70	130	4.640	3.81	30	
Fluorene	4.54	0.100	5.000	0	90.8	70	130	4.420	2.68	30	
Indeno(1,2,3-cd)pyrene	4.46	1.00	5.000	0	89.2	70	130	4.180	6.48	30	m
Naphthalene	4.12	0.100	5.000	0	82.4	70	130	3.970	3.71	30	
Phenanthrene	4.55	0.100	5.000	0	91.0	70	130	4.510	0.883	30	
Pyrene	4.89	0.100	5.000	0	97.8	70	130	4.720	3.54	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	4.79		5.000		95.8	70	130		0	30	
Surr: Benzo(a)pyrene-d12	5.52		5.000		110	70	130		0	30	
Surr: Triphenyl phosphate	5.62		5.000		112	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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 95397

Sample ID: MB-95397	SampType: MBLK	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 4/6/2026	RunNo: 233799						
Client ID: BatchQC	Batch ID: 95397	TestNo: E525	525	Analysis Date: 4/7/2026	SeqNo: 6133794						
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	4.87		5.000		97.4	70	130				
Surr: Benzo(a)pyrene-d12	5.89		5.000		118	70	130				
Surr: Triphenyl phosphate	6.46		5.000		129	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 95470

Sample ID: LCS-95470	SampType: LCS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 4/7/2026	RunNo: 233992						
Client ID: BatchQC	Batch ID: 95470	TestNo: SW8270	SW3510C	Analysis Date: 4/9/2026	SeqNo: 6138313						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0289		0.05000		57.8	10	130				
Surr: Phenol-d6	0.0190		0.05000		37.9	10	130				
Surr: Nitrobenzene-d5	0.0354		0.05000		70.9	10	130				
Surr: 2,4,6-Tribromophenol	0.0488		0.05000		97.6	16	151				
Surr: 2-Fluorobiphenyl	0.0406		0.05000		81.2	10	130				
Surr: p-Terphenyl-d14	0.0543		0.05000		109	20	181				

Sample ID: LCSD-95470	SampType: LCSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 4/7/2026	RunNo: 233992						
Client ID: BatchQC	Batch ID: 95470	TestNo: SW8270	SW3510C	Analysis Date: 4/9/2026	SeqNo: 6138314						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0247		0.05000		49.5	10	130		0		
Surr: Phenol-d6	0.0160		0.05000		32.0	10	130		0		
Surr: Nitrobenzene-d5	0.0366		0.05000		73.3	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0481		0.05000		96.1	16	151		0		
Surr: 2-Fluorobiphenyl	0.0387		0.05000		77.3	10	130		0		
Surr: p-Terphenyl-d14	0.0536		0.05000		107	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		

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QC SUMMARY REPORT

WO#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 95470

Sample ID: MB-95470	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 4/7/2026	RunNo: 233858						
Client ID: BatchQC	Batch ID: 95470	TestNo: SW8270	SW3510C	Analysis Date: 4/8/2026	SeqNo: 6135595						
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	0.0244		0.05000		48.7	10	130				
Surr: Phenol-d6	0.0146		0.05000		29.2	10	130				
Surr: Nitrobenzene-d5	0.0444		0.05000		88.8	10	130				
Surr: 2,4,6-Tribromophenol	0.0412		0.05000		82.3	16	151				
Surr: 2-Fluorobiphenyl	0.0433		0.05000		86.6	10	130				
Surr: p-Terphenyl-d14	0.0460		0.05000		92.1	20	181				

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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R232523

Sample ID: 26031296-001ADUP	SampType: DUP	TestCode: VOC_DW(524)	Units: %Rec	Prep Date:	RunNo: 232523						
Client ID: BatchQC	Batch ID: R232523	TestNo: E524.2		Analysis Date: 3/19/2026	SeqNo: 6107885						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	8.64		10.00		86.4	70	130		0	20	
Surr: 4-Bromofluorobenzene	8.84		10.00		88.4	70	130		0	20	

Sample ID: LCS-R232523	SampType: LCS	TestCode: VOC_DW(524)	Units: %Rec	Prep Date:	RunNo: 232523						
Client ID: BatchQC	Batch ID: R232523	TestNo: E524.2		Analysis Date: 3/19/2026	SeqNo: 6108629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	9.62		10.00		96.2	70	130				
Surr: 4-Bromofluorobenzene	9.97		10.00		99.7	70	130				

Sample ID: MB-R232523	SampType: MBLK	TestCode: VOC_DW(524)	Units: %Rec	Prep Date:	RunNo: 232523						
Client ID: BatchQC	Batch ID: R232523	TestNo: E524.2		Analysis Date: 3/19/2026	SeqNo: 6108631						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	8.94		10.00		89.4	70	130				
Surr: 4-Bromofluorobenzene	9.48		10.00		94.8	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#: 26040311

21-Apr-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R233688

Sample ID: LCS-R233688	SampType: LCS	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 233688						
Client ID: BatchQC	Batch ID: R233688	TestNo: E524.2	Analysis Date: 4/6/2026	SeqNo: 6131416							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.43	0.500	5.000	0	109	70	130				
1,2,4-Trimethylbenzene	5.25	0.500	5.000	0	105	70	130				
Benzene	5.37	0.500	5.000	0	107	70	130				
Ethylbenzene	5.32	0.500	5.000	0	106	70	130				
m,p-Xylene	10.8	0.500	10.00	0	108	70	130				
Naphthalene	5.01	0.500	5.000	0	100	70	130				
o-Xylene	5.47	0.500	5.000	0	109	70	130				
Toluene	4.88	0.500	5.000	0	97.6	70	130				
Vinyl chloride	4.12	0.500	5.000	0	82.3	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.8		10.00		108	70	130				
Surr: 4-Bromofluorobenzene	10.5		10.00		105	70	130				

Sample ID: MB-R233688	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 233688						
Client ID: BatchQC	Batch ID: R233688	TestNo: E524.2	Analysis Date: 4/6/2026	SeqNo: 6131418							
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				

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QC SUMMARY REPORT

WO#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R233688

Sample ID: MB-R233688	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 233688						
Client ID: BatchQC	Batch ID: R233688	TestNo: E524.2		Analysis Date: 4/6/2026	SeqNo: 6131418						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	9.59		10.00		95.9	70	130				
Surr: 4-Bromofluorobenzene	10.0		10.00		100	70	130				

Sample ID: 26040310-001CDUP	SampType: DUP	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 233688						
Client ID: BatchQC	Batch ID: R233688	TestNo: E524.2		Analysis Date: 4/6/2026	SeqNo: 6131420						
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	9.31		10.00		93.1	70	130		0	20	
Surr: 4-Bromofluorobenzene	9.23		10.00		92.3	70	130		0	20	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis 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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R233737

Sample ID: LCS-R233737	SampType: LCS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 233737						
Client ID: BatchQC	Batch ID: R233737	TestNo: SW8260	Analysis Date: 4/6/2026	SeqNo: 6132587							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	47.1		50.00		94.1	70	130				
Surr: Dibromofluoromethane	50.4		50.00		101	70	130				
Surr: Toluene-d8	50.0		50.00		100	70	130				

Sample ID: MB-R233737	SampType: MBLK	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 233737						
Client ID: BatchQC	Batch ID: R233737	TestNo: SW8260	Analysis Date: 4/6/2026	SeqNo: 6132595							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	50.5		50.00		101	70	130				
Surr: Dibromofluoromethane	50.3		50.00		101	70	130				
Surr: Toluene-d8	49.3		50.00		98.7	70	130				

Sample ID: 26040401-001CMS	SampType: MS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 233737						
Client ID: BatchQC	Batch ID: R233737	TestNo: SW8260	Analysis Date: 4/6/2026	SeqNo: 6132596							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	251		250.0		100	70	130				
Surr: Dibromofluoromethane	248		250.0		99.2	70	130				
Surr: Toluene-d8	249		250.0		99.6	46.1	154				

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#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R233737

Sample ID: 26040401-001CMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 233737						
Client ID: BatchQC	Batch ID: R233737	TestNo: SW8260	Analysis Date: 4/6/2026	SeqNo: 6132597							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	247		250.0		99.0	70	130		0	20	
Surr: Dibromofluoromethane	250		250.0		100	70	130		0	20	
Surr: Toluene-d8	244		250.0		97.5	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				

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QC SUMMARY REPORT

WO#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R233920

Sample ID: LCS-R233920	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 233920						
Client ID: BatchQC	Batch ID: R233920	TestNo: SW8260	Analysis Date: 4/8/2026	SeqNo: 6136831							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	17.5	5.00	20.00	0	87.5	70	190				
n-Butyl acrylate	18.7	5.00	20.00	0	93.4	60	133				
Surr: 4-Bromofluorobenzene	53.6		50.00		107	70	130				
Surr: Dibromofluoromethane	49.3		50.00		98.7	70	130				
Surr: Toluene-d8	50.5		50.00		101	70	130				

Sample ID: MB-R233920	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 233920						
Client ID: BatchQC	Batch ID: R233920	TestNo: SW8260	Analysis Date: 4/8/2026	SeqNo: 6136834							
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	51.3		50.00		103	70	130				
Surr: Dibromofluoromethane	48.6		50.00		97.3	70	130				
Surr: Toluene-d8	49.7		50.00		99.5	70	130				

Sample ID: 26040490-001DMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 233920						
Client ID: BatchQC	Batch ID: R233920	TestNo: SW8260	Analysis Date: 4/8/2026	SeqNo: 6136848							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	17.8	5.00	20.00	0	89.0	70	190				
n-Butyl acrylate	20.1	5.00	20.00	0	100	18.8	188				
Surr: 4-Bromofluorobenzene	53.1		50.00		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				

Original



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 3310 Win St.
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 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 26040311
 21-Apr-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R233920

Sample ID: 26040490-001DMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 233920						
Client ID: BatchQC	Batch ID: R233920	TestNo: SW8260	Analysis Date: 4/8/2026	SeqNo: 6136848							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	48.9		50.00		97.7	70	130				
Surr: Toluene-d8	50.4		50.00		101	46.1	154				

Sample ID: 26040490-001DMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 233920						
Client ID: BatchQC	Batch ID: R233920	TestNo: SW8260	Analysis Date: 4/8/2026	SeqNo: 6136849							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Ethylhexyl acrylate	18.1	5.00	20.00	0	90.7	70	190	17.81	1.81	20	
n-Butyl acrylate	19.8	5.00	20.00	0	99.0	18.8	188	20.10	1.46	20	
Surr: 4-Bromofluorobenzene	52.7		50.00		105	70	130		0	20	
Surr: Dibromofluoromethane	49.5		50.00		98.9	70	130		0	20	
Surr: Toluene-d8	50.8		50.00		102	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

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#: 26040311
 21-Apr-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
26040311-001A	FB ES - 080	4/2/2026 10:25:00 AM	Drinking Water	Synthetic Organic Compounds by GC/ (EPA 525.3)		4/6/2026 9:50:00 AM	4/7/2026 7:44:00 PM
26040311-001B				SVOC by 8270E		4/7/2026 5:20:00 PM	4/10/2026 5:25:00 AM
26040311-001C				VOC-GC/MS (524.2)			4/6/2026 7:03:00 PM
26040311-001D				VOC by GC/MS (8260D)			4/8/2026 3:49:00 PM
26040311-002A	ES - 080	4/2/2026 10:35:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		4/6/2026 9:50:00 AM	4/7/2026 8:17:00 PM
26040311-002B				SVOC by 8270E		4/7/2026 5:20:00 PM	4/10/2026 5:57:00 AM
26040311-002C				VOC-GC/MS (524.2)			4/6/2026 7:30:00 PM
26040311-002D				VOC by GC/MS (8260D)			4/8/2026 4:15:00 PM
26040311-003A	Trip Blank			VOC-GC/MS (524.2)			4/6/2026 7:58:00 PM
26040311-003B				VOC by GC/MS (8260D)			4/8/2026 4:42:00 PM

Original



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

Analysis Request / Chain of Custody

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

LAB NO:	For Alliance Technical Group, LLC-Akron use only 26040311
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Client Name CCHD		Project Identification Extended Sampling Program		Analytical Parameters and Methods Requested																	
Client Street Address 7360 SR 45		[REDACTED]		Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Portable Water, DW = Drinking Water	Preservation: 1) HNO ₃ ; 2) H ₂ SO ₄ ; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) TDA; 7) none; 8) other (specify in comment)	Number of Containers per Sample	524				8270				525		8260		For DW Only: Special Compliance or Routine (S/R)
Client Phone 330-424-0272		Report To CCHD							8		10		X		X		X		X		
Contact Person Kevin Summerville		Quote Number							8		10		X		X		X		X		
Client Email Address ksummerville@columbiana-health.org		PWS ID ES-080							8		10		X		X		X		X		
Client Email Address ksummerville@columbiana-health.org		Facility ID																			
Signed By (Print Name and Provide Signature) Kevin Summerville		Reporting/Accreditation Requirements																			
Other Compliance (List State/ Program):		<input type="checkbox"/> Ohio VAP		<input type="checkbox"/> Ohio EPA Pb, Cu																	
<input type="checkbox"/> Drinking Water Compliance		<input type="checkbox"/> BUSTR																			
For DW only, results to be reported to state by lab? If yes, lab fee may apply: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix	Preservation	Number of Containers per Sample	524	8270	525	8260								
	FB ES-080	Field Blank	4/2/26	1025	<input checked="" type="checkbox"/>		DW	8	10	X	X	X	X								
	ES-080	Outside Spigot	4/2/26	1035	<input checked="" type="checkbox"/>		DW	8	10	X	X	X	X								
Relinquished by:		Date	Time	Received by:	Date	Time	Notes / Comments:														
[Signature]		4/3/26	8:30	[Signature]	4/3	8:30	524: HCL, 8260: HCL, 525: Sodium Sulfite														
		4/3	12:05				Sufficient volume for analysis? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Cooler? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A														
Received at ATG-Akron by:		Date	Time	Carrier	RUSH Requested: <u> </u> Day(s) <small>Please provide advance notice of rush requests whenever possible.</small>			Receipt Temperature:		Cooler Seals?	Sample Seals?	Ice Present?	INTACT	NOT INTACT	N/A						
[Signature]		4/3/26	12:05	ATG				4.1 °C		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

4.2 - 0.1 = 4.1 C.S. INTACT 4/3/26

Sample Log-In Check List

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

Work Order Number: **26040311**

RcptNo: **1**

Logged by:	Nick Rigby	4/3/2026 12:05:00 PM	
Completed By:	Nick Rigby	4/3/2026 4:06:50 PM	
Reviewed By:	Holly Florea	4/6/2026 9:52:18 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: 4/3/2026 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	4.1	Good	Yes		4/3/2026	