



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

February 02, 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.: 26011481

Alliance Technical Group - Akron received 3 sample(s) on 1/22/2026 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#: 26011481
 02-Feb-26

CLIENT: Columbiana County Health District
Project: Extended Sampling

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26011481-001	ES-062		1/21/2026 1:45:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-001	ES-062		1/21/2026 1:45:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-001	ES-062		1/21/2026 1:45:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-001	ES-062		1/21/2026 1:45:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-002	FB-062		1/21/2026 1:50:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-002	FB-062		1/21/2026 1:50:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-002	FB-062		1/21/2026 1:50:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-002	FB-062		1/21/2026 1:50:00 PM	1/22/2026 10:12:00 AM	Drinking Water
26011481-003	TRIP BLANK		1/22/2026	1/22/2026 10:12:00 AM	Drinking Water
26011481-003	TRIP BLANK		1/22/2026	1/22/2026 10:12:00 AM	Drinking Water



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Case Narrative

WO#: 26011481
Date: 2/2/2026

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:

26011481: The lab does not routinely spike for 2-Butoxyethanol; this compound is included in the instrument initial calibration and initial calibration verification.

Analytical Sequence Sample Notes:

26011481-001, 002 SVOC-MSTR_NPW(8270E): CCV demonstrated high recovery for 2-Butoxyethanol, indicating possible high bias. Sample was ND for this analyte.

Original



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Analytical Report

(consolidated)

WO#: 26011481

Date Reported: 2/2/2026

Lab ID: 26011481-001

Collection Date: 1/21/2026 1:45:00 PM

Client Sample ID ES-062

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: SAM
1-Methylnaphthalene	ND	0.00356	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
2-Methylnaphthalene	ND	0.00523	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Acenaphthene	ND	0.00463	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Acenaphthylene	ND	0.00318	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Anthracene	ND	0.00933	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Benz(a)anthracene	ND	0.00386	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Benzo(a)pyrene	ND	0.00386	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Benzo(b)fluoranthene	ND	0.00452	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Benzo(g,h,i)perylene	ND	0.00408	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Benzo(k)fluoranthene	ND	0.00510	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Chrysene	ND	0.00432	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Dibenz(a,h)anthracene	ND	0.00359	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Fluoranthene	ND	0.0302	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Fluorene	ND	0.00378	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00429	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Naphthalene	ND	0.0449	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Phenanthrene	ND	0.00383	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Pyrene	ND	0.00630	0.0980		µg/L	1	92670	1/28/2026 10:00:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	99.6		70-130		%Rec	1	92670	1/28/2026 10:00:00 PM
Surr: Benzo(a)pyrene-d12	107		70-130		%Rec	1	92670	1/28/2026 10:00:00 PM
Surr: Triphenyl phosphate	114		70-130		%Rec	1	92670	1/28/2026 10:00:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510	Analyst: SAM
2-Butoxyethanol	ND	0.176	29.1	QC+	µg/L	1	92594	1/27/2026 4:20:00 AM
Surr: Nitrobenzene-d5	81.7		10-130		%Rec	1	92594	1/27/2026 4:20:00 AM
Surr: 2-Fluorobiphenyl	92.7		10-130		%Rec	1	92594	1/27/2026 4:20:00 AM
Surr: p-Terphenyl-d14	115		20-181		%Rec	1	92594	1/27/2026 4:20:00 AM
VOC-GC/MS (524.2)					EPA 524.2			Analyst: EC
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R226868	1/29/2026 12:26:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R226868	1/29/2026 12:26:00 PM
Surr: 1,2-Dichlorobenzene-d4	89.7		70-130		%Rec	1	R226868	1/29/2026 12:26:00 PM
Surr: 4-Bromofluorobenzene	92.5		70-130		%Rec	1	R226868	1/29/2026 12:26:00 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#: **26011481**

Date Reported: **2/2/2026**

Lab ID: 26011481-001

Collection Date: 1/21/2026 1:45:00 PM

Client Sample ID ES-062

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B Analyst: EC	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R226605	1/23/2026 11:46:00 AM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R226605	1/23/2026 11:46:00 AM
Surr: 4-Bromofluorobenzene	99.3		70-130		%Rec	1	R226605	1/23/2026 11:46:00 AM
Surr: Dibromofluoromethane	101		70-130		%Rec	1	R226605	1/23/2026 11:46:00 AM
Surr: Toluene-d8	99.0		70-130		%Rec	1	R226605	1/23/2026 11:46:00 AM

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
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Analytical Report

(consolidated)

WO#: 26011481

Date Reported: 2/2/2026

Lab ID: 26011481-002

Collection Date: 1/21/2026 1:50:00 PM

Client Sample ID FB-062

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: SAM	
1-Methylnaphthalene	ND	0.00349	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
2-Methylnaphthalene	ND	0.00513	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Acenaphthene	ND	0.00454	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Acenaphthylene	ND	0.00312	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Anthracene	ND	0.00915	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Benz(a)anthracene	ND	0.00379	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Benzo(a)pyrene	ND	0.00378	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Benzo(b)fluoranthene	ND	0.00443	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Benzo(g,h,i)perylene	ND	0.00400	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Benzo(k)fluoranthene	ND	0.00500	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Chrysene	ND	0.00423	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Dibenz(a,h)anthracene	ND	0.00352	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Fluoranthene	ND	0.0297	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Fluorene	ND	0.00370	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00420	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Naphthalene	ND	0.0441	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Phenanthrene	ND	0.00376	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Pyrene	ND	0.00618	0.0962		µg/L	1	92670	1/28/2026 10:33:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	100		70-130		%Rec	1	92670	1/28/2026 10:33:00 PM
Surr: Benzo(a)pyrene-d12	96.6		70-130		%Rec	1	92670	1/28/2026 10:33:00 PM
Surr: Triphenyl phosphate	108		70-130		%Rec	1	92670	1/28/2026 10:33:00 PM
SVOC BY 8270E					EPA 8270E		EPA 3510 Analyst: SAM	
2-Butoxyethanol	ND	0.181	30.0	QC+	µg/L	1	92594	1/27/2026 4:54:00 AM
Surr: Nitrobenzene-d5	97.9		10-130		%Rec	1	92594	1/27/2026 4:54:00 AM
Surr: 2-Fluorobiphenyl	111		10-130		%Rec	1	92594	1/27/2026 4:54:00 AM
Surr: p-Terphenyl-d14	137		20-181		%Rec	1	92594	1/27/2026 4:54:00 AM
VOC-GC/MS (524.2)					EPA 524.2		Analyst: EC	
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R226868	1/29/2026 1:22:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R226868	1/29/2026 1:22:00 PM
Surr: 1,2-Dichlorobenzene-d4	91.7		70-130		%Rec	1	R226868	1/29/2026 1:22:00 PM
Surr: 4-Bromofluorobenzene	96.3		70-130		%Rec	1	R226868	1/29/2026 1:22:00 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#: **26011481**

Date Reported: **2/2/2026**

Lab ID: 26011481-002

Collection Date: 1/21/2026 1:50:00 PM

Client Sample ID FB-062

Matrix: DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B Analyst: EC	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R226605	1/23/2026 12:13:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R226605	1/23/2026 12:13:00 PM
Surr: 4-Bromofluorobenzene	95.7		70-130		%Rec	1	R226605	1/23/2026 12:13:00 PM
Surr: Dibromofluoromethane	106		70-130		%Rec	1	R226605	1/23/2026 12:13:00 PM
Surr: Toluene-d8	100		70-130		%Rec	1	R226605	1/23/2026 12:13:00 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#: 26011481

Date Reported: 2/2/2026

Lab ID: 26011481-003

Collection Date: 1/22/2026

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	R226868	1/29/2026 1:50:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R226868	1/29/2026 1:50:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R226868	1/29/2026 1:50:00 PM
Surr: 1,2-Dichlorobenzene-d4	95.2		70-130		%Rec	1	R226868	1/29/2026 1:50:00 PM
Surr: 4-Bromofluorobenzene	96.9		70-130		%Rec	1	R226868	1/29/2026 1:50:00 PM
VOC BY GC/MS (8260D)					EPA 8260D		EPA 5030 B Analyst: EC	
2-Ethylhexyl acrylate	ND	0.114	0.500		µg/L	1	R226605	1/23/2026 12:40:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R226605	1/23/2026 12:40:00 PM
Surr: 4-Bromofluorobenzene	96.6		70-130		%Rec	1	R226605	1/23/2026 12:40:00 PM
Surr: Dibromofluoromethane	102		70-130		%Rec	1	R226605	1/23/2026 12:40:00 PM
Surr: Toluene-d8	98.6		70-130		%Rec	1	R226605	1/23/2026 12:40:00 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#: 26011481

02-Feb-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 92594

Sample ID: MB-92594	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 1/23/2026	RunNo: 226782						
Client ID: BatchQC	Batch ID: 92594	TestNo: SW8270	SW3510C	Analysis Date: 1/26/2026	SeqNo: 6013857						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0						QC+
Surr: 2-Fluorophenol	0.0324		0.05000		64.8	10	130				
Surr: Phenol-d6	0.0204		0.05000		40.7	10	130				
Surr: Nitrobenzene-d5	0.0438		0.05000		87.6	10	130				
Surr: 2,4,6-Tribromophenol	0.0411		0.05000		82.1	16	151				
Surr: 2-Fluorobiphenyl	0.0471		0.05000		94.3	10	130				
Surr: p-Terphenyl-d14	0.0617		0.05000		123	20	181				

Sample ID: LCS-92594	SampType: LCS	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/23/2026	RunNo: 226782						
Client ID: BatchQC	Batch ID: 92594	TestNo: SW8270	SW3510C	Analysis Date: 1/26/2026	SeqNo: 6013858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0280		0.05000		55.9	10	130				
Surr: Phenol-d6	0.0195		0.05000		39.0	10	130				
Surr: Nitrobenzene-d5	0.0481		0.05000		96.3	10	130				
Surr: 2,4,6-Tribromophenol	0.0390		0.05000		78.0	16	151				
Surr: 2-Fluorobiphenyl	0.0480		0.05000		95.9	10	130				
Surr: p-Terphenyl-d14	0.0508		0.05000		102	20	181				

Sample ID: LCSD-92594	SampType: LCSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/23/2026	RunNo: 226782						
Client ID: BatchQC	Batch ID: 92594	TestNo: SW8270	SW3510C	Analysis Date: 1/26/2026	SeqNo: 6013859						
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#: 26011481
 02-Feb-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 92594

Sample ID: LCSD-92594	SampType: LCSD	TestCode: SVOC-MSTR	Units: %Rec	Prep Date: 1/23/2026	RunNo: 226782						
Client ID: BatchQC	Batch ID: 92594	TestNo: SW8270	SW3510C	Analysis Date: 1/26/2026	SeqNo: 6013859						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0276		0.05000		55.2	10	130		0		
Surr: Phenol-d6	0.0197		0.05000		39.4	10	130		0		
Surr: Nitrobenzene-d5	0.0465		0.05000		93.0	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0373		0.05000		74.7	16	151		0		
Surr: 2-Fluorobiphenyl	0.0464		0.05000		92.7	10	130		0		
Surr: p-Terphenyl-d14	0.0463		0.05000		92.6	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#: 26011481
 02-Feb-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 92670

Sample ID: MB-92670	SampType: MBLK	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/27/2026	RunNo: 226914						
Client ID: BatchQC	Batch ID: 92670	TestNo: E525	525	Analysis Date: 1/28/2026	SeqNo: 6016221						
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	5.01		5.000		100	70	130				
Surr: Benzo(a)pyrene-d12	4.61		5.000		92.2	70	130				
Surr: Triphenyl phosphate	5.72		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				

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QC SUMMARY REPORT

WO#: 26011481
 02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 92670

Sample ID: LCS-92670	SampType: LCS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/27/2026	RunNo: 226914						
Client ID: BatchQC	Batch ID: 92670	TestNo: E525	525	Analysis Date: 1/28/2026	SeqNo: 6016225						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	5.36	0.100	5.000	0	107	70	130				
2-Methylnaphthalene	5.79	0.100	5.000	0	116	70	130				
Acenaphthene	5.22	0.100	5.000	0	104	70	130				
Acenaphthylene	5.33	0.100	5.000	0	107	70	130				
Anthracene	5.70	0.100	5.000	0	114	70	130				
Benz(a)anthracene	5.68	0.100	5.000	0	114	70	130				
Benzo(a)pyrene	5.38	0.100	5.000	0	108	70	130				
Benzo(b)fluoranthene	5.61	0.100	5.000	0	112	70	130				
Benzo(g,h,i)perylene	5.50	0.100	5.000	0	110	70	130				
Benzo(k)fluoranthene	5.54	0.100	5.000	0	111	70	130				
Chrysene	5.79	0.100	5.000	0	116	70	130				
Dibenz(a,h)anthracene	5.51	0.100	5.000	0	110	70	130				
Fluoranthene	5.47	0.100	5.000	0	109	70	130				
Fluorene	5.43	0.100	5.000	0	109	70	130				
Indeno(1,2,3-cd)pyrene	4.07	1.00	5.000	0	81.4	70	130				
Naphthalene	4.84	0.100	5.000	0	96.8	70	130				
Phenanthrene	5.41	0.100	5.000	0	108	70	130				
Pyrene	5.55	0.100	5.000	0	111	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.93		5.000		98.6	70	130				
Surr: Benzo(a)pyrene-d12	5.35		5.000		107	70	130				
Surr: Triphenyl phosphate	5.32		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#: 26011481
 02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 92670

Sample ID: LCSD-92670	SampType: LCSD	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/27/2026	RunNo: 226914						
Client ID: BatchQC	Batch ID: 92670	TestNo: E525	525	Analysis Date: 1/28/2026	SeqNo: 6016229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	5.25	0.100	5.000	0	105	70	130	5.360	2.07	30	
2-Methylnaphthalene	5.41	0.100	5.000	0	108	70	130	5.790	6.79	30	
Acenaphthene	5.08	0.100	5.000	0	102	70	130	5.220	2.72	30	
Acenaphthylene	5.26	0.100	5.000	0	105	70	130	5.330	1.32	30	
Anthracene	5.70	0.100	5.000	0	114	70	130	5.700	0	30	
Benz(a)anthracene	5.66	0.100	5.000	0	113	70	130	5.680	0.353	30	
Benzo(a)pyrene	5.25	0.100	5.000	0	105	70	130	5.380	2.45	30	
Benzo(b)fluoranthene	5.46	0.100	5.000	0	109	70	130	5.610	2.71	30	
Benzo(g,h,i)perylene	5.42	0.100	5.000	0	108	70	130	5.500	1.47	30	
Benzo(k)fluoranthene	5.43	0.100	5.000	0	109	70	130	5.540	2.01	30	
Chrysene	5.82	0.100	5.000	0	116	70	130	5.790	0.517	30	
Dibenz(a,h)anthracene	5.40	0.100	5.000	0	108	70	130	5.510	2.02	30	
Fluoranthene	5.55	0.100	5.000	0	111	70	130	5.470	1.45	30	
Fluorene	5.47	0.100	5.000	0	109	70	130	5.430	0.734	30	
Indeno(1,2,3-cd)pyrene	4.00	1.00	5.000	0	80.0	70	130	4.070	1.73	30	
Naphthalene	4.77	0.100	5.000	0	95.4	70	130	4.840	1.46	30	
Phenanthrene	5.52	0.100	5.000	0	110	70	130	5.410	2.01	30	
Pyrene	5.67	0.100	5.000	0	113	70	130	5.550	2.14	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	0		5.000		0	70	130		0	30	Sd
Surr: Benzo(a)pyrene-d12	0		5.000		0	70	130		0	30	Sd
Surr: Triphenyl phosphate	0		5.000		0	70	130		0	30	Sd

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#: 26011481

02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: 92670

Sample ID: 26011598-004AMS	SampType: MS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 1/27/2026	RunNo: 226914						
Client ID: BatchQC	Batch ID: 92670	TestNo: E525	525	Analysis Date: 1/29/2026	SeqNo: 6016245						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	5.21	0.0971	4.854	0	107	70	130				
2-Methylnaphthalene	4.95	0.0971	4.854	0	102	70	130				
Acenaphthene	5.24	0.0971	4.854	0	108	70	130				
Acenaphthylene	5.36	0.0971	4.854	0	110	70	130				
Anthracene	5.64	0.0971	4.854	0	116	70	130				
Benz(a)anthracene	5.68	0.0971	4.854	0	117	70	130				
Benzo(a)pyrene	5.43	0.0971	4.854	0	112	70	130				
Benzo(b)fluoranthene	5.69	0.0971	4.854	0	117	70	130				
Benzo(g,h,i)perylene	5.73	0.0971	4.854	0	118	70	130				
Benzo(k)fluoranthene	5.62	0.0971	4.854	0	116	70	130				
Chrysene	5.79	0.0971	4.854	0	119	70	130				
Dibenz(a,h)anthracene	5.76	0.0971	4.854	0	119	70	130				
Fluoranthene	5.55	0.0971	4.854	0	114	70	130				
Fluorene	5.56	0.0971	4.854	0	115	70	130				
Indeno(1,2,3-cd)pyrene	4.25	0.971	4.854	0	87.6	70	130				
Naphthalene	4.66	0.0971	4.854	0.05825	94.8	70	130				
Phenanthrene	5.54	0.0971	4.854	0	114	70	130				
Pyrene	5.62	0.0971	4.854	0	116	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.29		4.854		88.4	70	130				
Surr: Benzo(a)pyrene-d12	5.41		4.854		111	70	130				
Surr: Triphenyl phosphate	5.44		4.854		112	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#: 26011481
 02-Feb-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: 92670

Sample ID: 26011598-004AMSD	SampType: MSD	TestCode: SVOC_DW(52)	Units: µg/L	Prep Date: 1/27/2026	RunNo: 226914						
Client ID: BatchQC	Batch ID: 92670	TestNo: E525	525	Analysis Date: 1/29/2026	SeqNo: 6016246						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	5.43	0.0971	4.854	0	112	70	130	5.214	4.01	0	
2-Methylnaphthalene	5.07	0.0971	4.854	0	104	70	130	4.951	2.33	0	
Acenaphthene	5.18	0.0971	4.854	0	107	70	130	5.243	1.12	30	
Acenaphthylene	5.29	0.0971	4.854	0	109	70	130	5.359	1.28	30	
Anthracene	5.66	0.0971	4.854	0	117	70	130	5.641	0.344	30	
Benz(a)anthracene	5.42	0.0971	4.854	0	112	70	130	5.680	4.72	30	
Benzo(a)pyrene	4.89	0.0971	4.854	0	101	70	130	5.427	10.3	30	
Benzo(b)fluoranthene	4.97	0.0971	4.854	0	102	70	130	5.689	13.5	30	
Benzo(g,h,i)perylene	5.15	0.0971	4.854	0	106	70	130	5.728	10.7	30	
Benzo(k)fluoranthene	5.19	0.0971	4.854	0	107	70	130	5.621	7.90	30	
Chrysene	5.35	0.0971	4.854	0	110	70	130	5.786	7.85	30	
Dibenz(a,h)anthracene	4.99	0.0971	4.854	0	103	70	130	5.757	14.3	30	
Fluoranthene	5.52	0.0971	4.854	0	114	70	130	5.553	0.526	30	
Fluorene	5.43	0.0971	4.854	0	112	70	130	5.563	2.47	30	
Indeno(1,2,3-cd)pyrene	3.78	0.971	4.854	0	77.8	70	130	4.252	11.9	30	
Naphthalene	5.01	0.0971	4.854	0.05825	102	70	130	4.660	7.23	30	
Phenanthrene	5.43	0.0971	4.854	0	112	70	130	5.544	2.12	30	
Pyrene	5.54	0.0971	4.854	0	114	70	130	5.621	1.39	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	4.59		4.854		94.6	70	130		0	0	
Surr: Benzo(a)pyrene-d12	4.90		4.854		101	70	130		0	0	
Surr: Triphenyl phosphate	5.30		4.854		109	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#: 26011481
 02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R226605

Sample ID: 26011360-001CMS	SampType: MS	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 226605						
Client ID: BatchQC	Batch ID: R226605	TestNo: SW8260	Analysis Date: 1/23/2026	SeqNo: 6010152							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	2450		2500		98.0	70	130				
Surr: Dibromofluoromethane	2670		2500		107	70	130				
Surr: Toluene-d8	2500		2500		100	70	130				

Sample ID: 26011360-001CMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: %Rec	Prep Date:	RunNo: 226605						
Client ID: BatchQC	Batch ID: R226605	TestNo: SW8260	Analysis Date: 1/23/2026	SeqNo: 6010153							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	2530		2500		101	70	130		0	20	
Surr: Dibromofluoromethane	2600		2500		104	70	130		0	20	
Surr: Toluene-d8	2470		2500		98.9	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				

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QC SUMMARY REPORT

WO#: 26011481
 02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R226605

Sample ID: LCS-R226605	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 226605						
Client ID: BatchQC	Batch ID: R226605	TestNo: SW8260	Analysis Date: 1/23/2026	SeqNo: 6010135							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	23.7	5.00	20.00	0	118	70	190				
n-Butyl acrylate	23.1	5.00	20.00	0	115	60	133				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.9	70	130				
Surr: Dibromofluoromethane	51.6		50.00		103	70	130				
Surr: Toluene-d8	49.4		50.00		98.7	70	130				

Sample ID: MB-R226605	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 226605						
Client ID: BatchQC	Batch ID: R226605	TestNo: SW8260	Analysis Date: 1/23/2026	SeqNo: 6010138							
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	49.2		50.00		98.3	70	130				
Surr: Dibromofluoromethane	53.4		50.00		107	70	130				
Surr: Toluene-d8	50.2		50.00		100	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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#: 26011481
 02-Feb-26

Client: Columbiana County Health District
Project: Extended Sampling

BatchID: R226868

Sample ID: LCS-R226868	SampType: LCS	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 226868						
Client ID: BatchQC	Batch ID: R226868	TestNo: E524.2	Analysis Date: 1/29/2026	SeqNo: 6015390							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.28	0.500	5.000	0	106	70	130				
1,2,4-Trimethylbenzene	6.34	0.500	5.000	0	127	70	130				
Benzene	4.84	0.500	5.000	0	96.8	70	130				
Ethylbenzene	6.21	0.500	5.000	0	124	70	130				
m,p-Xylene	13.0	0.500	10.00	0	130	70	130				
Naphthalene	5.84	0.500	5.000	0	117	70	130				
o-Xylene	6.47	0.500	5.000	0	129	70	130				
Toluene	5.59	0.500	5.000	0	112	70	130				
Vinyl chloride	6.24	0.500	5.000	0	125	70	130				
Surr: 1,2-Dichlorobenzene-d4	11.8		10.00		118	70	130				
Surr: 4-Bromofluorobenzene	12.5		10.00		125	70	130				

Sample ID: MB-R226868	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 226868						
Client ID: BatchQC	Batch ID: R226868	TestNo: E524.2	Analysis Date: 1/29/2026	SeqNo: 6015392							
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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 TEL: (330) 253-8211 FAX: (330) 253-4489
 Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 26011481

02-Feb-26

Client: Columbiana County Health District

Project: Extended Sampling

BatchID: R226868

Sample ID: MB-R226868	SampType: MBLK	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 226868						
Client ID: BatchQC	Batch ID: R226868	TestNo: E524.2		Analysis Date: 1/29/2026	SeqNo: 6015392						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	9.46		10.00		94.6	70	130				
Surr: 4-Bromofluorobenzene	10.2		10.00		102	70	130				

Sample ID: 26011481-001CDUP	SampType: DUP	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 226868						
Client ID: ES-062	Batch ID: R226868	TestNo: E524.2		Analysis Date: 1/29/2026	SeqNo: 6015394						
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	8.73		10.00		87.3	70	130		0	20	
Surr: 4-Bromofluorobenzene	9.42		10.00		94.2	70	130		0	20	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis 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#: 26011481
 02-Feb-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
26011481-001A	ES-062	1/21/2026 1:45:00 PM	Drinking Water	Synthetic Organic Compounds by GC/I (EPA 525.3)		1/27/2026 9:40:00 AM	1/28/2026 10:00:00 PM
26011481-001B				SVOC by 8270E		1/23/2026 1:59:00 PM	1/27/2026 4:20:00 AM
26011481-001C				VOC-GC/MS (524.2)			1/29/2026 12:26:00 PM
26011481-001D				VOC by GC/MS (8260D)			1/23/2026 11:46:00 AM
26011481-002A	FB-062	1/21/2026 1:50:00 PM		Synthetic Organic Compounds by GC/I (EPA 525.3)		1/27/2026 9:40:00 AM	1/28/2026 10:33:00 PM
26011481-002B				SVOC by 8270E		1/23/2026 1:59:00 PM	1/27/2026 4:54:00 AM
26011481-002C				VOC-GC/MS (524.2)			1/29/2026 1:22:00 PM
26011481-002D				VOC by GC/MS (8260D)			1/23/2026 12:13:00 PM
26011481-003A	TRIP BLANK	1/22/2026		VOC-GC/MS (524.2)			1/29/2026 1:50:00 PM
26011481-003B				VOC by GC/MS (8260D)			1/23/2026 12:40:00 PM

Original



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

Analysis Request / Chain of Custody

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

LAB NO.: **26011481**
 For Alliance Technical Group, LLC-Akron use only

Client Name CCHD		Project Identification Extended Sampling Program		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) HSCl4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comment)	Number of Containers per Sample	Analytical Parameters and Methods Requested									
Client Street Address 7360 SR 45		City, State, Zip Lisbon OH 44432																
Client Phone 330-424-0272		Contact Person Kevin Summerville																
Client Email Address ksummerville@columbiana-health.org		Facility ID																
Reporting/Accreditation Requirements: <input type="checkbox"/> Ohio VAP <input type="checkbox"/> Ohio EPA Pb, Cu <input type="checkbox"/> Drinking Water Compliance <input type="checkbox"/> BOSTR		Other Compliance (List State/ Program):																
For DW only, results to be reported to state by last. If yes, lab fee may apply. <input type="checkbox"/> Y <input type="checkbox"/> N																		
#	Sample Point ID	Sample Identification	Date Collected	Time Collected					524	8270	525	8260	For DW Only: Special Compliance or Routine (S/R)					
	ES-062	Kitchen Sink	1/21/26	13:45	✓		DW	8	10	X	X	X	X					
	FB-062	FB	1/21/26	13:50	✗		DW	8	10	X	X	X	X					
Relinquished by:		Date	Time	Received by:		Date	Time	Notes / Comments:										
<i>Kevin Summerville</i>		1/22/26	8:16	<i>Kevin Summerville</i>		1-22-26	8:16	524: HCL, 8260: HCL, 525: Sodium Sulfite										
<i>Kevin Summerville</i>		1/22/26	10:12 AM					Sufficient volume for analysts? <input checked="" type="checkbox"/> YES NO Cooler? <input checked="" type="checkbox"/> YES NO N/A										
Received at ATG-Akron by:		Date	Time	Carrier		RUSH Requested: Day(s)		Receipt Temperature:		Cooler Seals?	INTACT	NOT INTACT	N/A					
<i>Kevin Summerville</i>		1/22/26	10:12 AM	ATG		Please provide advanced notice of rush requests whenever possible.		4.5 °C		Sample Seals?	INTACT	NOT INTACT	N/A					
										Ice Present?	<input checked="" type="checkbox"/> YES NO MELTED N/A							





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Sample Log-In Check List

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

Work Order Number: **26011481**

RcptNo: **1**

Logged by:	Nick Rigby	1/22/2026 10:12:00 AM	
Completed By:	Nick Rigby	1/22/2026 3:23:43 PM	
Reviewed By:	Holly Florea	1/23/2026 10:07:45 AM	

Chain of Custody

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

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 Custody seals intact on shipping container/cooler? Yes No Not Present NA
 No. Seal Date: 1/22/2026 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	4.5	Good	Yes		1/22/2026	