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

May 18, 2026

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

RE: East Palestine

Order No.: 26050634

Dear Kevin Summerville:

Alliance Technical Group - Akron received 9 sample(s) on 5/8/2026 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Holly Florea

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C

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Workorder Sample Summary

WO#: **26050634**

18-May-26

CLIENT: Columbiana County Health District
Project: East Palestine

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26050634-001	PW-337		5/7/2026 11:35:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-001	PW-337		5/7/2026 11:35:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-001	PW-337		5/7/2026 11:35:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-001	PW-337		5/7/2026 11:35:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-002	PW-454		5/7/2026 2:15:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-002	PW-454		5/7/2026 2:15:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-002	PW-454		5/7/2026 2:15:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-002	PW-454		5/7/2026 2:15:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-003	FB-454		5/7/2026 1:50:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-003	FB-454		5/7/2026 1:50:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-003	FB-454		5/7/2026 1:50:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-003	FB-454		5/7/2026 1:50:00 PM	5/8/2026 4:25:00 PM	Drinking Water
26050634-004	PW-336		5/7/2026 9:50:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-004	PW-336		5/7/2026 9:50:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-004	PW-336		5/7/2026 9:50:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-004	PW-336		5/7/2026 9:50:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-005	PW-338		5/7/2026 10:40:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-005	PW-338		5/7/2026 10:40:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-005	PW-338		5/7/2026 10:40:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-005	PW-338		5/7/2026 10:40:00 AM	5/8/2026 4:25:00 PM	Drinking Water
26050634-006	Trip Blank 1			5/8/2026 4:25:00 PM	Drinking Water
26050634-006	Trip Blank 1			5/8/2026 4:25:00 PM	Drinking Water
26050634-007	Trip Blank 2			5/8/2026 4:25:00 PM	Drinking Water

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Workorder Sample Summary

WO#: **26050634**

18-May-26

CLIENT: Columbiana County Health District
Project: East Palestine

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
26050634-007	Trip Blank 2			5/8/2026 4:25:00 PM	Drinking Water
26050634-008	Trip Blank 3			5/8/2026 4:25:00 PM	Drinking Water
26050634-008	Trip Blank 3			5/8/2026 4:25:00 PM	Drinking Water
26050634-009	Trip Blank 4			5/8/2026 4:25:00 PM	Drinking Water
26050634-009	Trip Blank 4			5/8/2026 4:25:00 PM	Drinking Water

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Case Narrative

WO#: **26050634**
Date: **5/18/2026**

CLIENT: Columbiana County Health District
Project: East Palestine

WorkOrder Narrative:
This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

WorkOrder Comments:
26050634: 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:
26050634-001 through 009 VOC-MSTR_NPW(8260D): CCV exhibited high recovery for 2-ethylhexyl acrylate, indicating possible high bias. Investigative sample is non-detect for this analyte.

26050634-001C VOC_DW(524.2): Corresponding MS/MSD exhibits outlying recoveries. The method is in control as indicated by the Laboratory Control Sample (LCS)

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Case Narrative

WO#: **26050634**
Date: **5/18/2026**

CLIENT: Columbiana County Health District
Project: East Palestine

26050634-001 through 004 SVOC_DW(525.3): Possible high bias due to high surrogate recovery. Sample is ND or below RL for all analytes. Possible low bias for analyte Naphthalene due to low LCS/LCSD recovery, confirmed by reanalysis.

26050634-005A SVOC_DW(525.3): Possible low bias due to low surrogate recovery, confirmed by reanalysis. Other surrogates demonstrate control. Possible low bias for analyte Naphthalene due to low LCS/LCSD recovery, confirmed by reanalysis.

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-001 **Collection Date:** 5/7/2026 11:35:00 AM

Client Sample ID PW-337 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Naphthalene	ND	0.0445	0.0971	QL-	µg/L	1	96363	5/14/2026 7:57:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	96363	5/14/2026 7:57:00 PM
Pyrene	0.0388	0.00624	0.0971	J	µg/L	1	96363	5/14/2026 7:57:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	96.0		70-130		%Rec	1	96363	5/14/2026 7:57:00 PM
Surr: Benzo(a)pyrene-d12	135		70-130	S	%Rec	1	96363	5/14/2026 7:57:00 PM
Surr: Triphenyl phosphate	153		70-130	S	%Rec	1	96363	5/14/2026 7:57:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96408	5/14/2026 6:55:00 PM
Surr: Nitrobenzene-d5	79.1		10-130		%Rec	1	96408	5/14/2026 6:55:00 PM
Surr: 2-Fluorobiphenyl	76.5		10-130		%Rec	1	96408	5/14/2026 6:55:00 PM
Surr: p-Terphenyl-d14	110		20-181		%Rec	1	96408	5/14/2026 6:55:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
Naphthalene	ND	0.206	0.500	QMR	µg/L	1	R236345	5/12/2026 7:42:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R236345	5/12/2026 7:42:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236345	5/12/2026 7:42:00 PM
Surr: 1,2-Dichlorobenzene-d4	98.9		70-130		%Rec	1	R236345	5/12/2026 7:42:00 PM
Surr: 4-Bromofluorobenzene	91.7		70-130		%Rec	1	R236345	5/12/2026 7:42:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-001 **Collection Date:** 5/7/2026 11:35:00 AM

Client Sample ID PW-337 **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	QC+	µg/L	1	R236197	5/11/2026 2:55:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 2:55:00 PM
Surr: 4-Bromofluorobenzene	95.2		70-130		%Rec	1	R236197	5/11/2026 2:55:00 PM
Surr: Dibromofluoromethane	112		70-130		%Rec	1	R236197	5/11/2026 2:55:00 PM
Surr: Toluene-d8	108		70-130		%Rec	1	R236197	5/11/2026 2:55:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-002 **Collection Date:** 5/7/2026 2:15:00 PM

Client Sample ID PW-454 **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	0.00349	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
2-Methylnaphthalene	ND	0.00513	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Acenaphthene	ND	0.00454	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Acenaphthylene	ND	0.00312	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Anthracene	ND	0.00915	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Benz(a)anthracene	ND	0.00379	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Benzo(a)pyrene	ND	0.00378	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Benzo(b)fluoranthene	ND	0.00443	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Benzo(g,h,i)perylene	ND	0.00400	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Benzo(k)fluoranthene	ND	0.00500	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Chrysene	ND	0.00423	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Dibenz(a,h)anthracene	ND	0.00352	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Fluoranthene	ND	0.0297	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Fluorene	ND	0.00370	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00420	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Naphthalene	ND	0.0441	0.0962	QL-	µg/L	1	96363	5/14/2026 9:37:00 PM
Phenanthrene	ND	0.00376	0.0962		µg/L	1	96363	5/14/2026 9:37:00 PM
Pyrene	0.0385	0.00618	0.0962	J	µg/L	1	96363	5/14/2026 9:37:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	101		70-130		%Rec	1	96363	5/14/2026 9:37:00 PM
Surr: Benzo(a)pyrene-d12	134		70-130	S	%Rec	1	96363	5/14/2026 9:37:00 PM
Surr: Triphenyl phosphate	148		70-130	S	%Rec	1	96363	5/14/2026 9:37:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96408	5/14/2026 8:30:00 PM
Surr: Nitrobenzene-d5	81.7		10-130		%Rec	1	96408	5/14/2026 8:30:00 PM
Surr: 2-Fluorobiphenyl	77.4		10-130		%Rec	1	96408	5/14/2026 8:30:00 PM
Surr: p-Terphenyl-d14	106		20-181		%Rec	1	96408	5/14/2026 8:30:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R236345	5/13/2026 12:48:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236345	5/13/2026 12:48:00 AM
Surr: 1,2-Dichlorobenzene-d4	92.3		70-130		%Rec	1	R236345	5/13/2026 12:48:00 AM
Surr: 4-Bromofluorobenzene	87.8		70-130		%Rec	1	R236345	5/13/2026 12:48:00 AM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-002 **Collection Date:** 5/7/2026 2:15:00 PM

Client Sample ID PW-454 **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	QC+	µg/L	1	R236197	5/11/2026 4:37:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 4:37:00 PM
Surr: 4-Bromofluorobenzene	87.0		70-130		%Rec	1	R236197	5/11/2026 4:37:00 PM
Surr: Dibromofluoromethane	117		70-130		%Rec	1	R236197	5/11/2026 4:37:00 PM
Surr: Toluene-d8	112		70-130		%Rec	1	R236197	5/11/2026 4:37:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-003 **Collection Date:** 5/7/2026 1:50:00 PM

Client Sample ID FB-454 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Anthracene	ND	0.00924	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Chrysene	ND	0.00427	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Fluorene	ND	0.00374	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Naphthalene	ND	0.0445	0.0971	QL-	µg/L	1	96363	5/14/2026 10:10:00 PM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	96363	5/14/2026 10:10:00 PM
Pyrene	0.0291	0.00624	0.0971	J	µg/L	1	96363	5/14/2026 10:10:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	89.6		70-130		%Rec	1	96363	5/14/2026 10:10:00 PM
Surr: Benzo(a)pyrene-d12	129		70-130		%Rec	1	96363	5/14/2026 10:10:00 PM
Surr: Triphenyl phosphate	145		70-130	S	%Rec	1	96363	5/14/2026 10:10:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96408	5/14/2026 9:02:00 PM
Surr: Nitrobenzene-d5	75.9		10-130		%Rec	1	96408	5/14/2026 9:02:00 PM
Surr: 2-Fluorobiphenyl	73.0		10-130		%Rec	1	96408	5/14/2026 9:02:00 PM
Surr: p-Terphenyl-d14	116		20-181		%Rec	1	96408	5/14/2026 9:02:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R236529	5/16/2026 2:47:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236529	5/16/2026 2:47:00 AM
Surr: 1,2-Dichlorobenzene-d4	93.7		70-130		%Rec	1	R236529	5/16/2026 2:47:00 AM
Surr: 4-Bromofluorobenzene	88.9		70-130		%Rec	1	R236529	5/16/2026 2:47:00 AM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-003 **Collection Date:** 5/7/2026 1:50:00 PM

Client Sample ID FB-454 **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	QC+	µg/L	1	R236197	5/11/2026 5:03:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 5:03:00 PM
Surr: 4-Bromofluorobenzene	86.4		70-130		%Rec	1	R236197	5/11/2026 5:03:00 PM
Surr: Dibromofluoromethane	116		70-130		%Rec	1	R236197	5/11/2026 5:03:00 PM
Surr: Toluene-d8	110		70-130		%Rec	1	R236197	5/11/2026 5:03:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-004 **Collection Date:** 5/7/2026 9:50:00 AM

Client Sample ID PW-336 **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	0.00349	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
2-Methylnaphthalene	ND	0.00513	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Acenaphthene	ND	0.00454	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Acenaphthylene	ND	0.00312	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Anthracene	ND	0.00915	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Benz(a)anthracene	ND	0.00379	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Benzo(a)pyrene	ND	0.00378	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Benzo(b)fluoranthene	ND	0.00443	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Benzo(g,h,i)perylene	ND	0.00400	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Benzo(k)fluoranthene	ND	0.00500	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Chrysene	ND	0.00423	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Dibenz(a,h)anthracene	ND	0.00352	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Fluoranthene	ND	0.0297	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Fluorene	ND	0.00370	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.00420	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Naphthalene	ND	0.0441	0.0962	QL-	µg/L	1	96363	5/14/2026 10:44:00 PM
Phenanthrene	ND	0.00376	0.0962		µg/L	1	96363	5/14/2026 10:44:00 PM
Pyrene	0.0288	0.00618	0.0962	J	µg/L	1	96363	5/14/2026 10:44:00 PM
Surr: 1,3-Dimethyl-2-nitrobenzene	75.8		70-130		%Rec	1	96363	5/14/2026 10:44:00 PM
Surr: Benzo(a)pyrene-d12	134		70-130	S	%Rec	1	96363	5/14/2026 10:44:00 PM
Surr: Triphenyl phosphate	145		70-130	S	%Rec	1	96363	5/14/2026 10:44:00 PM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.173	28.6		µg/L	1	96408	5/14/2026 9:34:00 PM
Surr: Nitrobenzene-d5	80.6		10-130		%Rec	1	96408	5/14/2026 9:34:00 PM
Surr: 2-Fluorobiphenyl	78.0		10-130		%Rec	1	96408	5/14/2026 9:34:00 PM
Surr: p-Terphenyl-d14	103		20-181		%Rec	1	96408	5/14/2026 9:34:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R236529	5/16/2026 3:15:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236529	5/16/2026 3:15:00 AM
Surr: 1,2-Dichlorobenzene-d4	97.5		70-130		%Rec	1	R236529	5/16/2026 3:15:00 AM
Surr: 4-Bromofluorobenzene	94.7		70-130		%Rec	1	R236529	5/16/2026 3:15:00 AM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-004 **Collection Date:** 5/7/2026 9:50:00 AM

Client Sample ID PW-336 **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	QC+	µg/L	1	R236197	5/11/2026 5:29:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 5:29:00 PM
Surr: 4-Bromofluorobenzene	86.1		70-130		%Rec	1	R236197	5/11/2026 5:29:00 PM
Surr: Dibromofluoromethane	120		70-130		%Rec	1	R236197	5/11/2026 5:29:00 PM
Surr: Toluene-d8	111		70-130		%Rec	1	R236197	5/11/2026 5:29:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-005 **Collection Date:** 5/7/2026 10:40:00 AM

Client Sample ID PW-338 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)					**EPA 525.3**		**EPA 525.3**	Analyst: **JDB**
1-Methylnaphthalene	ND	0.00353	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
2-Methylnaphthalene	ND	0.00518	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Acenaphthene	ND	0.00459	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Acenaphthylene	ND	0.00315	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Anthracene	ND	0.00924	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Benz(a)anthracene	ND	0.00382	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Benzo(a)pyrene	ND	0.00382	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Benzo(b)fluoranthene	ND	0.00447	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Benzo(g,h,i)perylene	ND	0.00404	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Benzo(k)fluoranthene	ND	0.00505	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Chrysene	ND	0.00427	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Dibenz(a,h)anthracene	ND	0.00355	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Fluoranthene	ND	0.0300	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Fluorene	ND	0.00374	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.00424	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Naphthalene	ND	0.0445	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Phenanthrene	ND	0.00379	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Pyrene	ND	0.00624	0.0971		µg/L	1	96363	5/15/2026 10:56:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	63.6		70-130	S	%Rec	1	96363	5/15/2026 10:56:00 AM
Surr: Benzo(a)pyrene-d12	117		70-130		%Rec	1	96363	5/15/2026 10:56:00 AM
Surr: Triphenyl phosphate	116		70-130		%Rec	1	96363	5/15/2026 10:56:00 AM
SVOC BY 8270E					**EPA 8270E**		**EPA 3510**	Analyst: **SAM**
2-Butoxyethanol	ND	0.176	29.1		µg/L	1	96408	5/14/2026 10:06:00 PM
Surr: Nitrobenzene-d5	92.2		10-130		%Rec	1	96408	5/14/2026 10:06:00 PM
Surr: 2-Fluorobiphenyl	90.6		10-130		%Rec	1	96408	5/14/2026 10:06:00 PM
Surr: p-Terphenyl-d14	109		20-181		%Rec	1	96408	5/14/2026 10:06:00 PM
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R236529	5/16/2026 3:43:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236529	5/16/2026 3:43:00 AM
Surr: 1,2-Dichlorobenzene-d4	93.0		70-130		%Rec	1	R236529	5/16/2026 3:43:00 AM
Surr: 4-Bromofluorobenzene	87.2		70-130		%Rec	1	R236529	5/16/2026 3:43:00 AM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-005 **Collection Date:** 5/7/2026 10:40:00 AM

Client Sample ID PW-338 **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	QC+	µg/L	1	R236197	5/11/2026 5:54:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 5:54:00 PM
Surr: 4-Bromofluorobenzene	93.1		70-130		%Rec	1	R236197	5/11/2026 5:54:00 PM
Surr: Dibromofluoromethane	116		70-130		%Rec	1	R236197	5/11/2026 5:54:00 PM
Surr: Toluene-d8	107		70-130		%Rec	1	R236197	5/11/2026 5:54:00 PM

Qualifiers:

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

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Analytical Report

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WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-006 **Collection Date:**

Client Sample ID Trip Blank 1 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R236345	5/12/2026 9:33:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236345	5/12/2026 9:33:00 PM
Surr: 1,2-Dichlorobenzene-d4	91.4		70-130		%Rec	1	R236345	5/12/2026 9:33:00 PM
Surr: 4-Bromofluorobenzene	92.0		70-130		%Rec	1	R236345	5/12/2026 9:33:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **RD**
2-Ethylhexyl acrylate	ND	0.114	0.500	QC+	µg/L	1	R236197	5/11/2026 6:20:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 6:20:00 PM
Surr: 4-Bromofluorobenzene	85.4		70-130		%Rec	1	R236197	5/11/2026 6:20:00 PM
Surr: Dibromofluoromethane	111		70-130		%Rec	1	R236197	5/11/2026 6:20:00 PM
Surr: Toluene-d8	107		70-130		%Rec	1	R236197	5/11/2026 6:20:00 PM

Qualifiers:

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

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Analytical Report

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WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-007 **Collection Date:**

Client Sample ID Trip Blank 2 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R236345	5/12/2026 10:01:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236345	5/12/2026 10:01:00 PM
Surr: 1,2-Dichlorobenzene-d4	99.5		70-130		%Rec	1	R236345	5/12/2026 10:01:00 PM
Surr: 4-Bromofluorobenzene	94.0		70-130		%Rec	1	R236345	5/12/2026 10:01:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **RD**
2-Ethylhexyl acrylate	ND	0.114	0.500	QC+	µg/L	1	R236197	5/11/2026 6:46:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 6:46:00 PM
Surr: 4-Bromofluorobenzene	91.5		70-130		%Rec	1	R236197	5/11/2026 6:46:00 PM
Surr: Dibromofluoromethane	114		70-130		%Rec	1	R236197	5/11/2026 6:46:00 PM
Surr: Toluene-d8	106		70-130		%Rec	1	R236197	5/11/2026 6:46:00 PM

Qualifiers:

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

Alliance Technical Group - Akron
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Website: http://www.settek.com

Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-008 **Collection Date:**

Client Sample ID Trip Blank 3 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
Benzene	ND	0.0967	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
Naphthalene	ND	0.206	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
o-Xylene	ND	0.211	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
Toluene	ND	0.160	0.500		µg/L	1	R236345	5/12/2026 10:29:00 PM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236345	5/12/2026 10:29:00 PM
Surr: 1,2-Dichlorobenzene-d4	98.0		70-130		%Rec	1	R236345	5/12/2026 10:29:00 PM
Surr: 4-Bromofluorobenzene	95.7		70-130		%Rec	1	R236345	5/12/2026 10:29:00 PM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **RD**
2-Ethylhexyl acrylate	ND	0.114	0.500	QC+	µg/L	1	R236197	5/11/2026 7:11:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 7:11:00 PM
Surr: 4-Bromofluorobenzene	84.7		70-130		%Rec	1	R236197	5/11/2026 7:11:00 PM
Surr: Dibromofluoromethane	115		70-130		%Rec	1	R236197	5/11/2026 7:11:00 PM
Surr: Toluene-d8	111		70-130		%Rec	1	R236197	5/11/2026 7:11:00 PM

Qualifiers:

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

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Analytical Report

(consolidated)

WO#: **26050634**

Date Reported: **5/18/2026**

Lab ID: 26050634-009 **Collection Date:**

Client Sample ID Trip Blank 4 **Matrix:** DRINKING WATER

Analysis	Result	MDL	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC-GC/MS (524.2)					**EPA 524.2**			Analyst: **EC**
1,1-Dichloropropene	ND	0.112	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
1,2,4-Trimethylbenzene	ND	0.172	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
Benzene	ND	0.0967	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
Ethylbenzene	ND	0.192	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
m,p-Xylene	ND	0.422	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
Naphthalene	ND	0.206	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
o-Xylene	ND	0.211	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
Toluene	ND	0.160	0.500		µg/L	1	R236529	5/16/2026 1:23:00 AM
Vinyl chloride	ND	0.0841	0.200		µg/L	1	R236529	5/16/2026 1:23:00 AM
Surr: 1,2-Dichlorobenzene-d4	96.7		70-130		%Rec	1	R236529	5/16/2026 1:23:00 AM
Surr: 4-Bromofluorobenzene	94.2		70-130		%Rec	1	R236529	5/16/2026 1:23:00 AM
VOC BY GC/MS (8260D)					**EPA 8260D**		**EPA 5030 B**	Analyst: **RD**
2-Ethylhexyl acrylate	ND	0.114	0.500	QC+	µg/L	1	R236197	5/11/2026 7:37:00 PM
n-Butyl acrylate	ND	0.114	1.00		µg/L	1	R236197	5/11/2026 7:37:00 PM
Surr: 4-Bromofluorobenzene	86.0		70-130		%Rec	1	R236197	5/11/2026 7:37:00 PM
Surr: Dibromofluoromethane	120		70-130		%Rec	1	R236197	5/11/2026 7:37:00 PM
Surr: Toluene-d8	112		70-130		%Rec	1	R236197	5/11/2026 7:37:00 PM

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96363**

Sample ID: **MB-96363**	SampType: **MBLK**	TestCode: **SVOC_DW(52**	Units: **µg/L**	Prep Date: **5/11/2026**	RunNo: **236430**
Client ID: **BatchQC**	Batch ID: **96363**	TestNo: **E525**	**525**	Analysis Date: **5/14/2026**	SeqNo: **6199215**

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-nitrobe...	3.95		5.000		79.0	70	130				
Surr: Benzo(a)pyrene-d12	5.18		5.000		104	70	130				
Surr: Triphenyl phosphate	6.75		5.000		135	70	130				S

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96363**

Sample ID: **LCS-96363** SampType: **LCS** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **5/11/2026** RunNo: **236430**
Client ID: **BatchQC** Batch ID: **96363** TestNo: **E525** **525** Analysis Date: **5/14/2026** SeqNo: **6199217**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.65	0.100	5.000	0	73.0	70	130				
2-Methylnaphthalene	3.92	0.100	5.000	0	78.4	70	130				
Acenaphthene	3.88	0.100	5.000	0	77.6	70	130				
Acenaphthylene	3.92	0.100	5.000	0	78.4	70	130				
Anthracene	4.12	0.100	5.000	0	82.4	70	130				
Benz(a)anthracene	4.71	0.100	5.000	0	94.2	70	130				
Benzo(a)pyrene	4.75	0.100	5.000	0	95.0	70	130				
Benzo(b)fluoranthene	5.08	0.100	5.000	0	102	70	130				
Benzo(g,h,i)perylene	5.34	0.100	5.000	0	107	70	130				
Benzo(k)fluoranthene	5.27	0.100	5.000	0	105	70	130				
Chrysene	5.22	0.100	5.000	0	104	70	130				
Dibenz(a,h)anthracene	5.24	0.100	5.000	0	105	70	130				
Fluoranthene	4.86	0.100	5.000	0	97.2	70	130				
Fluorene	4.19	0.100	5.000	0	83.8	70	130				
Indeno(1,2,3-cd)pyrene	5.11	1.00	5.000	0	102	70	130				m
Naphthalene	3.43	0.100	5.000	0	68.6	70	130				S
Phenanthrene	4.16	0.100	5.000	0	83.2	70	130				
Pyrene	4.81	0.100	5.000	0	96.2	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	3.95		5.000		79.0	70	130				
Surr: Benzo(a)pyrene-d12	5.53		5.000		111	70	130				
Surr: Triphenyl phosphate	6.55		5.000		131	70	130				S

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96363**

Sample ID: **LCSD-96363** SampType: **LCSD** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **5/11/2026** RunNo: **236430**
Client ID: **BatchQC** Batch ID: **96363** TestNo: **E525** **525** Analysis Date: **5/14/2026** SeqNo: **6199219**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.75	0.100	5.000	0	75.0	70	130	3.650	2.70	30	
2-Methylnaphthalene	3.94	0.100	5.000	0	78.8	70	130	3.920	0.509	30	
Acenaphthene	4.10	0.100	5.000	0	82.0	70	130	3.880	5.51	30	
Acenaphthylene	4.11	0.100	5.000	0	82.2	70	130	3.920	4.73	30	
Anthracene	4.78	0.100	5.000	0	95.6	70	130	4.120	14.8	30	
Benz(a)anthracene	5.34	0.100	5.000	0	107	70	130	4.710	12.5	30	
Benzo(a)pyrene	5.39	0.100	5.000	0	108	70	130	4.750	12.6	30	
Benzo(b)fluoranthene	5.78	0.100	5.000	0	116	70	130	5.080	12.9	30	
Benzo(g,h,i)perylene	6.13	0.100	5.000	0	123	70	130	5.340	13.8	30	
Benzo(k)fluoranthene	6.06	0.100	5.000	0	121	70	130	5.270	13.9	30	
Chrysene	5.87	0.100	5.000	0	117	70	130	5.220	11.7	30	
Dibenz(a,h)anthracene	6.22	0.100	5.000	0	124	70	130	5.240	17.1	30	
Fluoranthene	5.54	0.100	5.000	0	111	70	130	4.860	13.1	30	
Fluorene	4.67	0.100	5.000	0	93.4	70	130	4.190	10.8	30	
Indeno(1,2,3-cd)pyrene	5.82	1.00	5.000	0	116	70	130	5.110	13.0	30	m
Naphthalene	3.38	0.100	5.000	0	67.6	70	130	3.430	1.47	30	S
Phenanthrene	4.82	0.100	5.000	0	96.4	70	130	4.160	14.7	30	
Pyrene	5.54	0.100	5.000	0	111	70	130	4.810	14.1	30	
Surr: 1,3-Dimethyl-2-nitrobe...	3.47		5.000		69.4	70	130		0	30	S
Surr: Benzo(a)pyrene-d12	6.41		5.000		128	70	130		0	30	
Surr: Triphenyl phosphate	7.12		5.000		142	70	130		0	30	S

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96363**

Sample ID: **26050634-001AMS** SampType: **MS** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **5/11/2026** RunNo: **236430**
Client ID: **PW-337** Batch ID: **96363** TestNo: **E525** **525** Analysis Date: **5/14/2026** SeqNo: **6199229**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	4.07	0.0971	4.854	0	83.8	70	130				
2-Methylnaphthalene	5.02	0.0971	4.854	0	103	70	130				
Acenaphthene	4.34	0.0971	4.854	0	89.4	70	130				
Acenaphthylene	4.45	0.0971	4.854	0	91.6	70	130				
Anthracene	4.60	0.0971	4.854	0	94.8	70	130				
Benz(a)anthracene	5.01	0.0971	4.854	0	103	70	130				
Benzo(a)pyrene	5.24	0.0971	4.854	0	108	70	130				
Benzo(b)fluoranthene	5.39	0.0971	4.854	0	111	70	130				
Benzo(g,h,i)perylene	5.63	0.0971	4.854	0	116	70	130				
Benzo(k)fluoranthene	5.66	0.0971	4.854	0	117	70	130				
Chrysene	5.53	0.0971	4.854	0	114	70	130				
Dibenz(a,h)anthracene	5.73	0.0971	4.854	0	118	70	130				
Fluoranthene	5.10	0.0971	4.854	0	105	70	130				
Fluorene	4.74	0.0971	4.854	0	97.6	70	130				
Indeno(1,2,3-cd)pyrene	5.51	0.971	4.854	0	114	70	130				m
Naphthalene	3.70	0.0971	4.854	0	76.2	70	130				
Phenanthrene	4.54	0.0971	4.854	0	93.6	70	130				
Pyrene	5.11	0.0971	4.854	0.03883	104	70	130				
Surr: 1,3-Dimethyl-2-nitrobe...	4.35		4.854		89.6	70	130				
Surr: Benzo(a)pyrene-d12	6.06		4.854		125	70	130				
Surr: Triphenyl phosphate	6.90		4.854		142	70	130				S

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96363**

Sample ID: **26050634-001AMSD** SampType: **MSD** TestCode: **SVOC_DW(52** Units: **µg/L** Prep Date: **5/11/2026** RunNo: **236430**
Client ID: **PW-337** Batch ID: **96363** TestNo: **E525** **525** Analysis Date: **5/14/2026** SeqNo: **6199230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.99	0.0971	4.854	0	82.2	70	130	4.068	1.93	30	
2-Methylnaphthalene	4.26	0.0971	4.854	0	87.8	70	130	5.019	16.3	30	
Acenaphthene	4.25	0.0971	4.854	0	87.6	70	130	4.340	2.03	30	
Acenaphthylene	4.37	0.0971	4.854	0	90.0	70	130	4.447	1.76	30	
Anthracene	4.56	0.0971	4.854	0	94.0	70	130	4.602	0.847	30	
Benz(a)anthracene	4.96	0.0971	4.854	0	102	70	130	5.010	0.974	30	
Benzo(a)pyrene	5.20	0.0971	4.854	0	107	70	130	5.243	0.743	30	
Benzo(b)fluoranthene	5.35	0.0971	4.854	0	110	70	130	5.388	0.723	30	
Benzo(g,h,i)perylene	5.60	0.0971	4.854	0	115	70	130	5.631	0.519	30	
Benzo(k)fluoranthene	5.52	0.0971	4.854	0	114	70	130	5.660	2.43	30	
Chrysene	5.43	0.0971	4.854	0	112	70	130	5.534	1.95	30	
Dibenz(a,h)anthracene	5.69	0.0971	4.854	0	117	70	130	5.728	0.680	30	
Fluoranthene	5.14	0.0971	4.854	0	106	70	130	5.097	0.759	30	
Fluorene	4.65	0.0971	4.854	0	95.8	70	130	4.738	1.86	30	
Indeno(1,2,3-cd)pyrene	5.44	0.971	4.854	0	112	70	130	5.515	1.42	30	m
Naphthalene	3.61	0.0971	4.854	0	74.4	70	130	3.699	2.39	30	
Phenanthrene	4.50	0.0971	4.854	0	92.6	70	130	4.544	1.07	30	
Pyrene	5.11	0.0971	4.854	0.03883	104	70	130	5.107	0	30	
Surr: 1,3-Dimethyl-2-nitrobe...	4.24		4.854		87.4	70	130		0	0	
Surr: Benzo(a)pyrene-d12	6.19		4.854		128	70	130		0	0	
Surr: Triphenyl phosphate	6.63		4.854		137	70	130		0	0	S

Qualifiers:

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

Original

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96408**

Sample ID: **MB-96408** SampType: **MBLK** TestCode: **SVOC-MSTR** Units: **µg/L** Prep Date: **5/13/2026** RunNo: **236444**
Client ID: **BatchQC** Batch ID: **96408** TestNo: **SW8270** **SW3510C** Analysis Date: **5/14/2026** SeqNo: **6199817**

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	0.0282		0.05000		56.4	10	130				
Surr: Phenol-d6	0.0182		0.05000		36.3	10	130				
Surr: Nitrobenzene-d5	0.0442		0.05000		88.4	10	130				
Surr: 2,4,6-Tribromophenol	0.0515		0.05000		103	16	151				
Surr: 2-Fluorobiphenyl	0.0410		0.05000		81.9	10	130				
Surr: p-Terphenyl-d14	0.0529		0.05000		106	20	181				

Sample ID: **LCS-96408** SampType: **LCS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **5/13/2026** RunNo: **236444**
Client ID: **BatchQC** Batch ID: **96408** TestNo: **SW8270** **SW3510C** Analysis Date: **5/14/2026** SeqNo: **6199818**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0279		0.05000		55.8	10	130				
Surr: Phenol-d6	0.0192		0.05000		38.5	10	130				
Surr: Nitrobenzene-d5	0.0411		0.05000		82.3	10	130				
Surr: 2,4,6-Tribromophenol	0.0554		0.05000		111	16	151				
Surr: 2-Fluorobiphenyl	0.0399		0.05000		79.8	10	130				
Surr: p-Terphenyl-d14	0.0505		0.05000		101	20	181				

Sample ID: **26050634-001BMS** SampType: **MS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **5/13/2026** RunNo: **236444**
Client ID: **PW-337** Batch ID: **96408** TestNo: **SW8270** **SW3510C** Analysis Date: **5/14/2026** SeqNo: **6199820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **96408**

Sample ID: **26050634-001BMS** SampType: **MS** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **5/13/2026** RunNo: **236444**
Client ID: **PW-337** Batch ID: **96408** TestNo: **SW8270** **SW3510C** Analysis Date: **5/14/2026** SeqNo: **6199820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0271		0.04762		56.9	10	130				
Surr: Phenol-d6	0.0184		0.04762		38.7	10	130				
Surr: Nitrobenzene-d5	0.0372		0.04762		78.2	10	130				
Surr: 2,4,6-Tribromophenol	0.0567		0.04762		119	16	151				
Surr: 2-Fluorobiphenyl	0.0359		0.04762		75.4	10	130				
Surr: p-Terphenyl-d14	0.0477		0.04762		100	20	181				

Sample ID: **26050634-001BMSD** SampType: **MSD** TestCode: **SVOC-MSTR** Units: **%Rec** Prep Date: **5/13/2026** RunNo: **236444**
Client ID: **PW-337** Batch ID: **96408** TestNo: **SW8270** **SW3510C** Analysis Date: **5/14/2026** SeqNo: **6199821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.0265		0.04854		54.6	10	130		0		
Surr: Phenol-d6	0.0180		0.04854		37.0	10	130		0		
Surr: Nitrobenzene-d5	0.0357		0.04854		73.5	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0507		0.04854		104	16	151		0		
Surr: 2-Fluorobiphenyl	0.0333		0.04854		68.7	10	130		0		
Surr: p-Terphenyl-d14	0.0411		0.04854		84.7	20	181		0		

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236197**

Sample ID: **LCS-R236197** SampType: **LCS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **236197**
Client ID: **BatchQC** Batch ID: **R236197** TestNo: **SW8260** Analysis Date: **5/11/2026** SeqNo: **6192744**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	21.2	5.00	20.00	0	106	70	190				QC+
n-Butyl acrylate	18.9	5.00	20.00	0	94.7	60	133				
Surr: 4-Bromofluorobenzene	49.3		50.00		98.7	70	130				
Surr: Dibromofluoromethane	53.6		50.00		107	70	130				
Surr: Toluene-d8	49.5		50.00		99.0	70	130				

Sample ID: **MB-R236197** SampType: **MBLK** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **236197**
Client ID: **BatchQC** Batch ID: **R236197** TestNo: **SW8260** Analysis Date: **5/11/2026** SeqNo: **6192747**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00									QC+
n-Butyl acrylate	ND	5.00									
Surr: 4-Bromofluorobenzene	47.6		50.00		95.2	70	130				
Surr: Dibromofluoromethane	56.1		50.00		112	70	130				
Surr: Toluene-d8	53.0		50.00		106	70	130				

Sample ID: **26050634-001DMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **236197**
Client ID: **PW-337** Batch ID: **R236197** TestNo: **SW8260** Analysis Date: **5/11/2026** SeqNo: **6192749**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	22.4	5.00	20.00	0	112	70	190				QC+
n-Butyl acrylate	18.3	5.00	20.00	0	91.6	18.8	188				
Surr: 4-Bromofluorobenzene	46.2		50.00		92.5	70	130				

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236197**

Sample ID: **26050634-001DMS** SampType: **MS** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **236197**
Client ID: **PW-337** Batch ID: **R236197** TestNo: **SW8260** Analysis Date: **5/11/2026** SeqNo: **6192749**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	50.5		50.00		101	70	130				
Surr: Toluene-d8	47.2		50.00		94.5	46.1	154				

Sample ID: **26050634-001DMSD** SampType: **MSD** TestCode: **VOC-MSTR_** Units: **µg/L** Prep Date: RunNo: **236197**
Client ID: **PW-337** Batch ID: **R236197** TestNo: **SW8260** Analysis Date: **5/11/2026** SeqNo: **6192750**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	24.8	5.00	20.00	0	124	70	190	22.44	10.0	20	QC+
n-Butyl acrylate	18.7	5.00	20.00	0	93.7	18.8	188	18.32	2.29	20	
Surr: 4-Bromofluorobenzene	43.1		50.00		86.2	70	130		0	20	
Surr: Dibromofluoromethane	49.7		50.00		99.3	70	130		0	20	
Surr: Toluene-d8	45.3		50.00		90.7	46.1	154		0	20	

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236345**

Sample ID: **LCS-R236345** SampType: **LCS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **BatchQC** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197000**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.26	0.500	5.000	0	105	70	130				
1,2,4-Trimethylbenzene	5.31	0.500	5.000	0	106	70	130				
Benzene	4.76	0.500	5.000	0	95.1	70	130				
Ethylbenzene	5.14	0.500	5.000	0	103	70	130				
m,p-Xylene	9.67	0.500	10.00	0	96.7	70	130				
Naphthalene	4.44	0.500	5.000	0	88.9	70	130				
o-Xylene	5.22	0.500	5.000	0	104	70	130				
Toluene	4.96	0.500	5.000	0	99.1	70	130				
Vinyl chloride	4.47	0.500	5.000	0	89.3	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.8		10.00		108	70	130				
Surr: 4-Bromofluorobenzene	10.8		10.00		108	70	130				

Sample ID: **MB-R236345** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **BatchQC** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197002**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.500									
Benzene	ND	0.500									
Ethylbenzene	ND	0.500									
m,p-Xylene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
Toluene	ND	0.500									
Vinyl chloride	ND	0.500									

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236345**

Sample ID: **MB-R236345** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **BatchQC** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197002**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	9.06		10.00		90.6	70	130				
Surr: 4-Bromofluorobenzene	8.95		10.00		89.5	70	130				

Sample ID: **26050634-001CMS** SampType: **MS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **PW-337** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197004**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.52	0.500	5.000	0	110	70	130				
1,2,4-Trimethylbenzene	4.80	0.500	5.000	0	96.1	70	130				
Benzene	5.39	0.500	5.000	0	108	70	130				
Ethylbenzene	5.03	0.500	5.000	0	101	70	130				
m,p-Xylene	9.86	0.500	10.00	0	98.6	70	130				
Naphthalene	4.42	0.500	5.000	0	88.4	70	130				QMR
o-Xylene	4.96	0.500	5.000	0	99.3	70	130				
Toluene	5.16	0.500	5.000	0	103	70	130				
Vinyl chloride	5.09	0.500	5.000	0	102	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.4		10.00		104	70	130				
Surr: 4-Bromofluorobenzene	9.59		10.00		95.9	70	130				

Sample ID: **26050634-001CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **PW-337** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197005**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

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

Original

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236345**

Sample ID: **26050634-001CMSD** SampType: **MSD** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236345**
Client ID: **PW-337** Batch ID: **R236345** TestNo: **E524.2** Analysis Date: **5/12/2026** SeqNo: **6197005**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	6.20	0.500	5.000	0	124	70	130	5.518	11.7	25	
1,2,4-Trimethylbenzene	6.10	0.500	5.000	0	122	70	130	4.803	23.9	25	
Benzene	6.44	0.500	5.000	0	129	70	130	5.394	17.6	25	
Ethylbenzene	6.15	0.500	5.000	0	123	70	130	5.029	20.0	25	
m,p-Xylene	12.1	0.500	10.00	0	121	70	130	9.856	20.1	25	
Naphthalene	5.76	0.500	5.000	0	115	70	130	4.422	26.3	25	R
o-Xylene	5.90	0.500	5.000	0	118	70	130	4.965	17.2	25	
Toluene	6.14	0.500	5.000	0	123	70	130	5.155	17.4	25	
Vinyl chloride	6.43	0.500	5.000	0	129	70	130	5.088	23.4	25	
Surr: 1,2-Dichlorobenzene-d4	10.9		10.00		109	70	130		0	25	
Surr: 4-Bromofluorobenzene	10.2		10.00		102	70	130		0	25	

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236529**

Sample ID: **LCS-R236529** SampType: **LCS** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236529**
Client ID: **BatchQC** Batch ID: **R236529** TestNo: **E524.2** Analysis Date: **5/15/2026** SeqNo: **6202973**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.98	0.500	5.000	0	99.7	70	130				
1,2,4-Trimethylbenzene	4.89	0.500	5.000	0	97.9	70	130				
Benzene	4.77	0.500	5.000	0	95.4	70	130				
Ethylbenzene	4.93	0.500	5.000	0	98.6	70	130				
m,p-Xylene	9.88	0.500	10.00	0	98.8	70	130				
Naphthalene	4.73	0.500	5.000	0	94.6	70	130				
o-Xylene	4.88	0.500	5.000	0	97.5	70	130				
Toluene	4.74	0.500	5.000	0	94.8	70	130				
Vinyl chloride	3.96	0.500	5.000	0	79.3	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.2		10.00		102	70	130				
Surr: 4-Bromofluorobenzene	9.55		10.00		95.5	70	130				

Sample ID: **MB-R236529** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236529**
Client ID: **BatchQC** Batch ID: **R236529** TestNo: **E524.2** Analysis Date: **5/15/2026** SeqNo: **6202975**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.500									
Benzene	ND	0.500									
Ethylbenzene	ND	0.500									
m,p-Xylene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
Toluene	ND	0.500									
Vinyl chloride	ND	0.500									

Qualifiers:

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

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QC SUMMARY REPORT

WO#: **26050634**
18-May-26

Client: Columbiana County Health District
Project: East Palestine
BatchID: **R236529**

Sample ID: **MB-R236529** SampType: **MBLK** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236529**
Client ID: **BatchQC** Batch ID: **R236529** TestNo: **E524.2** Analysis Date: **5/15/2026** SeqNo: **6202975**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	9.17		10.00		91.7	70	130				
Surr: 4-Bromofluorobenzene	9.05		10.00		90.5	70	130				

Sample ID: **26050698-001CDUP** SampType: **DUP** TestCode: **VOC_DW(524** Units: **µg/L** Prep Date: RunNo: **236529**
Client ID: **BatchQC** Batch ID: **R236529** TestNo: **E524.2** Analysis Date: **5/16/2026** SeqNo: **6202981**

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	9.43		10.00		94.3	70	130		0	20	
Surr: 4-Bromofluorobenzene	8.80		10.00		88.0	70	130		0	20	

Qualifiers:

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

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Qualifiers and Acronyms

WO#: **26050634**
Date: **5/18/2026**

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

Qualifiers

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

Acronyms

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

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

Alliance Technical Group - Akron
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

DATES REPORT

WO#: **26050634**

18-May-26

Client: Columbiana County Health District

Project: East Palestine

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26050634-001A	PW-337	5/7/2026 11:35:00 AM	Drinking Water	Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/14/2026 7:57:00 PM
26050634-001B				SVOC by 8270E		5/13/2026 10:00:00 AM	5/14/2026 6:55:00 PM
26050634-001C				VOC-GC/MS (524.2)			5/12/2026 7:42:00 PM
26050634-001D				VOC by GC/MS (8260D)			5/11/2026 2:55:00 PM
26050634-002A	PW-454	5/7/2026 2:15:00 PM		Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/14/2026 9:37:00 PM
26050634-002B				SVOC by 8270E		5/13/2026 10:00:00 AM	5/14/2026 8:30:00 PM
26050634-002C				VOC-GC/MS (524.2)			5/13/2026 12:48:00 AM
26050634-002D				VOC by GC/MS (8260D)			5/11/2026 4:37:00 PM
26050634-003A	FB-454	5/7/2026 1:50:00 PM		Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/14/2026 10:10:00 PM
26050634-003B				SVOC by 8270E		5/13/2026 10:00:00 AM	5/14/2026 9:02:00 PM
26050634-003C				VOC-GC/MS (524.2)			5/13/2026 1:16:00 AM
				VOC-GC/MS (524.2)			5/16/2026 2:47:00 AM
26050634-003D				VOC by GC/MS (8260D)			5/11/2026 5:03:00 PM
26050634-004A	PW-336	5/7/2026 9:50:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/14/2026 10:44:00 PM
26050634-004B				SVOC by 8270E		5/13/2026 10:00:00 AM	5/14/2026 9:34:00 PM
26050634-004C				VOC-GC/MS (524.2)			5/16/2026 3:15:00 AM
26050634-004D				VOC by GC/MS (8260D)			5/11/2026 5:29:00 PM
26050634-005A	PW-338	5/7/2026 10:40:00 AM		Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/14/2026 11:17:00 PM
				Synthetic Organic Compounds by GC/ (EPA 525.3)		5/11/2026 10:00:00 AM	5/15/2026 10:56:00 AM
26050634-005B				SVOC by 8270E		5/13/2026 10:00:00 AM	5/14/2026 10:06:00 PM
26050634-005C				VOC-GC/MS (524.2)			5/16/2026 3:43:00 AM

Original

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DATES REPORT

WO#: **26050634**

18-May-26

Client: Columbiana County Health District
Project: East Palestine

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
26050634-005D	PW-338	5/7/2026 10:40:00 AM	Drinking Water	VOC by GC/MS (8260D)			5/11/2026 5:54:00 PM
26050634-006A	Trip Blank 1			VOC-GC/MS (524.2)			5/12/2026 9:33:00 PM
26050634-006B				VOC by GC/MS (8260D)			5/11/2026 6:20:00 PM
26050634-007A	Trip Blank 2			VOC-GC/MS (524.2)			5/12/2026 10:01:00 PM
26050634-007B				VOC by GC/MS (8260D)			5/11/2026 6:46:00 PM
26050634-008A	Trip Blank 3			VOC-GC/MS (524.2)			5/12/2026 10:29:00 PM
26050634-008B				VOC by GC/MS (8260D)			5/11/2026 7:11:00 PM
26050634-009A	Trip Blank 4			VOC-GC/MS (524.2)			5/16/2026 1:23:00 AM
26050634-009B				VOC by GC/MS (8260D)			5/11/2026 7:37:00 PM

Original

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Effective Date: 2/12/2025

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Alliance TECHNICAL GROUP

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

Analysis Request / Chain of Custody

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

LAB WO NO.:	For Alliance Technical Group, LLC-Akron use only: 26050634

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

Analytical Parameters and Methods Requested

#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Potable Water, DW = Drinking Water	Preservation: 1) HNO3; 2) H2SO4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comments)	Number of Containers per Sample	524	8270	525	8260						For DW Only: Special Compliance or Hotline ($/#)
	PW-337	Outside Spigot	5/7/26	11:35	✓		DW	8	10	X	X	X	X						
	PW-337	MS	5/7/26	11:35	X		DW	8	10	X	X	X	X						
	PW-337	MSD	5/7/26	11:35	X		DW	8	10	X	X	X	X						

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/8/26	755	[signature]	5-8-26	7:55
[signature]	5-8-26	16:25			

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

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[signature]	5/8/26	16:25	ATG

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

Receipt Temperature: 1.3 °C

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

1.4 - 0.1 = 1.3
1.1 - 0.1 = 1.0
1.3 - 0.1 = 1.2
1.6 - 0.1 = 1.5

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Alliance TECHNICAL GROUP

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

Analysis Request / Chain of Custody

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

LAB WO NO.:	For Alliance Technical Group, LLC-Akron use only 260050634

Client Name	CCHD
Client Street Address	7360 SR 45
City / State / Zip	Lisbon / OH / 44432
Client Phone	330-424-0272
Contact Person	Kevin Summerville
Client Email Address	ksummerville@columbiana-health.org
Sampled By (Print Name and Provide Signature)	Print: Emma G Hay Sign: Emma Hay
Project Identification	[redacted]
	CCHD
PO #	
Quote Number	
PWS ID	
Facility ID	
Reporting/Accreditation Requirements	☐ Ohio VAP ☐ Ohio EPA Pb, Cu ☐ Drinking Water Compliance ☐ BUSTR
Other Compliance (List State/ Program):	
Fee Waiver, results to be reported to state by lab? Report lab fee may apply:	Y ☐ N ☐

Analytical Parameters and Methods Requested

#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Potable Water, DW = Drinking Water	Preservation: 1) HNO3; 2) H2SO4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comments)	Number of Containers per Sample	524	8270	525	8260						For DW Only: Special Compliance or Routine (S/R)
	PW-454	Outside Spigot	5/7/26	14:15	✓		DW	8	10	X	X	X	X						
	FB-454	FB	5/7/26	13:50	X		DW	8	10	X	X	X	X						

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/8/26	755	[signature]	5-8-26	7:55
[signature]	5-8-26	16:25			

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

C.S. INTACT 5/8/26

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[signature]	5/8/26	16:25	ATG

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

Receipt Temperature: 1.0 °C

Cooler Seals? INTACT NOT INTACT N/A

Sample Seals? INTACT NOT INTACT N/A

Ice Present? YES NO MELTED N/A

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Alliance TECHNICAL GROUP

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

Analysis Request / Chain of Custody

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

LAB WO NO.:	For Alliance Technical Group, LLC-Akron use only 26050634

Client Name	CCHD
Client Street Address	7360 SR 45
City	Lisbon
State	OH
Zip	44432
Client Phone	330-424-0272
Contact Person	Kevin Summerville
Client Email Address	ksummerville@columbiana-health.org
Sampled By (Print Name and Provide Signature) Print:	Emma Gray
Sign:	Emma Gray
For DW only, results to be reported to state by lab? If not, lab fee may apply:	Y ☐ N ☐
Project Identification	East Palestine
[redacted]	
Report To	CCHD
PO #	
Quote Number	
PWS ID	
Facility ID	
Reporting/Accreditation Requirements:	☐ Ohio VAP ☐ Ohio EPA Pb, Cu ☐ Drinking Water Compliance ☐ BUSTR
Other Compliance (List State/ Program):	

Analytical Parameters and Methods Requested

#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Potable Water, DW = Drinking Water	Preservatives: 1) HNO3; 2) H2SO4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comments)	Number of Containers per Sample	524	8270	525	8260							For DW Only: Special Compliance or Routine (SR/R)
	PW-336	Barn Spigot	5/7/26	9:50	✓		DW	8	10	X	X	X	X							

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/8/26	755	[signature]	5-8-26	755
[signature]	5-8-26	16:25			

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

C.S. INTACT 5/8/26

Sufficient volume for analysis? YES NO

Cooler? YES NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[signature]	5/8/26	16:25	ATG

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

Receipt Temperature: 1.2 °C

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

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Alliance TECHNICAL GROUP

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

Analysis Request / Chain of Custody

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

LAB WO NO.: For Alliance Technical Group, LLC-Akron use only: 26050634

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

Analytical Parameters and Methods Requested

#	Sample Point ID	Sample Identification	Date Collected	Time Collected	Grab Sample	Composite Sample	Matrix: S = Solid, SL = Sludge, L = Liquid, O = Oil, A = Air, NPW = Non-Potable Water, DW = Drinking Water	Preservation: 1) HNO3; 2) H2SO4; 3) HCl; 4) Zinc Acetate; 5) NaOH; 6) EDA; 7) none; 8) other (specify in comments)	Number of Containers per Sample	524	8270	525	8260						For DW Only: Special Compliance or Routine (S/R)
	PW-338	Outside Spigot	5/7/26	10:40	✓		DW	8	10	X	X	X	X						

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5/8/26	755	[signature]	5-8-26	7:55
[signature]	5-8-26	16:25			

Notes / Comments: 524: HCl, 8260: HCl, 525: Sodium Sulfite
C.S. INTACT 5/8/26

Sufficient volume for analysis? YES NO
Cooler? YES NO N/A

Received at ATG-Akron by:	Date	Time	Carrier
[signature]	5/8/26	16:25	ATG

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

Receipt Temperature: 1.5 °C

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

Alliance Technical Group - Akron
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Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: http://www.settek.com

Sample Log-In Check List

Client Name: **COL-OH-44432** Work Order Number: **26050634** RcptNo: **1**

Logged by:	**Nick Rigby**	**5/8/2026 4:25:00 PM**
Completed By:	**Nick Rigby**	**5/11/2026 9:21:43 AM**
Reviewed By:	**Christina N. Gemma**	**5/11/2026 9:29:04 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: 5/8/2026 Signed By:
5. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☑ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
10. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☑ No ☐ No VOA Vials ☐
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
15. Is it clear what analyses were requested? Yes ☑ No ☐
16. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes		5/8/2026	
2	1.0	Good	Yes		5/8/2026	
3	1.2	Good	Yes		5/8/2026	

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Sample Log-In Check List

Client Name: **COL-OH-44432** Work Order Number: **26050634** RcptNo: **1**

4	1.5	Good	Yes		5/8/2026	