



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

October 02, 2023

Scott Bolam  
Mahoning County District Board of Health  
116 Westchester Drive  
Suite C  
Austintown, OH 44515  
TEL: (330) 270-2841  
FAX:

RE: EP

Dear Scott Bolam:

Order No.: 23091490

Summit Environmental Technologies, Inc. received 11 sample(s) on 9/22/2023 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-0108, 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



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

**Workorder**  
**Sample Summary**  
 WO#: **23091490**  
**02-Oct-23**

**CLIENT:** Mahoning County District Board of Health  
**Project:** EP

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
23091490-001	PW-740		9/21/2023 3:35:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-001	PW-740		9/21/2023 3:35:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-001	PW-740		9/21/2023 3:35:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-001	PW-740		9/21/2023 3:35:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-002	PW-398		9/21/2023 10:40:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-002	PW-398		9/21/2023 10:40:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-002	PW-398		9/21/2023 10:40:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-002	PW-398		9/21/2023 10:40:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-003	PW-511		9/21/2023 11:25:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-003	PW-511		9/21/2023 11:25:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-003	PW-511		9/21/2023 11:25:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-003	PW-511		9/21/2023 11:25:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-004	PW-397		9/21/2023 9:55:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-004	PW-397		9/21/2023 9:55:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-004	PW-397		9/21/2023 9:55:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-004	PW-397		9/21/2023 9:55:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-005	Field Blank		9/21/2023 11:50:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-005	Field Blank		9/21/2023 11:50:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-005	Field Blank		9/21/2023 11:50:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-005	Field Blank		9/21/2023 11:50:00 AM	9/22/2023 10:20:00 AM	Drinking Water
23091490-006	PW-375		9/21/2023 12:05:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-006	PW-375		9/21/2023 12:05:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-006	PW-375		9/21/2023 12:05:00 PM	9/22/2023 10:20:00 AM	Drinking Water



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

**Workorder**  
**Sample Summary**  
 WO#: **23091490**  
**02-Oct-23**

**CLIENT:** Mahoning County District Board of Health  
**Project:** EP

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
23091490-006	PW-375		9/21/2023 12:05:00 PM	9/22/2023 10:20:00 AM	Drinking Water
23091490-007	Trip Blank 1			9/22/2023 10:20:00 AM	Water
23091490-007	Trip Blank 1			9/22/2023 10:20:00 AM	Water
23091490-008	Trip Blank 2			9/22/2023 10:20:00 AM	Water
23091490-008	Trip Blank 2			9/22/2023 10:20:00 AM	Water
23091490-009	Trip Blank 3			9/22/2023 10:20:00 AM	Water
23091490-009	Trip Blank 3			9/22/2023 10:20:00 AM	Water
23091490-010	Trip Blank 4			9/22/2023 10:20:00 AM	Water
23091490-010	Trip Blank 4			9/22/2023 10:20:00 AM	Water
23091490-011	Trip Blank 5			9/22/2023 10:20:00 AM	Water
23091490-011	Trip Blank 5			9/22/2023 10:20:00 AM	Water



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

## Case Narrative

WO#: 23091490  
Date: 10/2/2023

---

**CLIENT:** Mahoning County District Board of Health  
**Project:** EP

---

### 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 Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., 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 Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. 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. Summit Environmental Technologies, Inc. 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:

23091490: 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:

23091490-001 through 006 SVOC-MSTR\_NPW(8270E): Possible low bias for 2-Methylnaphthalene due to low recovery in CCV. Less than 10% of all analytes are outside of acceptable criteria. RLC demonstrates adequate instrument sensitivity for EPA 8270 requirement.

23091490-001 through 006 SVOC\_DW(525.3): Possible low bias for several analytes due to low recoveries in LCS-68988, confirmed by reanalysis.

---

Original



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

## Case Narrative

WO#: 23091490  
Date: 10/2/2023

---

**CLIENT:** Mahoning County District Board of Health  
**Project:** EP

---

23091490-002A SVOC\_DW(525.3): Corresponding MS/MSD demonstrated low recoveries for several analytes. Sample demonstrated low recovery for 1,3-Dimethyl-2-nitrobenzene surrogate, confirmed by reanalysis.

---

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 3:35:00 PM  
**Project:** EP  
**Lab ID:** 23091490-001 **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-740

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>					<b>E525</b>	<b>525</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						Analyst: <b>SAM</b>

Acenaphthylene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Anthracene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Benz(a)anthracene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Benzo(a)pyrene	ND	0.0985	QL-	µg/L	1	9/29/2023 5:45:00 AM
Benzo(b)fluoranthene	ND	0.0985	QL-	µg/L	1	9/29/2023 5:45:00 AM
Benzo(g,h,i)perylene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Benzo(k)fluoranthene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Chrysene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Dibenz(a,h)anthracene	ND	0.0985	QL-	µg/L	1	9/29/2023 5:45:00 AM
Fluorene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.985	QL-	µg/L	1	9/29/2023 5:45:00 AM
Phenanthrene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Pyrene	ND	0.0985		µg/L	1	9/29/2023 5:45:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	101	70 - 130		%Rec	1	9/29/2023 5:45:00 AM
Surr: Benzo(a)pyrene-d12	88.4	70 - 130		%Rec	1	9/29/2023 5:45:00 AM
Surr: Triphenyl phosphate	95.0	70 - 130		%Rec	1	9/29/2023 5:45:00 AM

SVOC BY SW8270E					<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
SVOC BY 8270E							
1-Methylnaphthalene	ND	0.971		µg/L	1	9/28/2023 11:11:00 PM	
2-Butoxyethanol	ND	29.1		µg/L	1	9/28/2023 11:11:00 PM	
2-Methylnaphthalene	ND	0.971	QC-	µg/L	1	9/28/2023 11:11:00 PM	
Acenaphthene	ND	0.971		µg/L	1	9/28/2023 11:11:00 PM	
Fluoranthene	ND	0.971		µg/L	1	9/28/2023 11:11:00 PM	
Surr: Nitrobenzene-d5	60.9	10 - 130		%Rec	1	9/28/2023 11:11:00 PM	
Surr: 2-Fluorobiphenyl	63.4	10 - 130		%Rec	1	9/28/2023 11:11:00 PM	
Surr: p-Terphenyl-d14	74.8	20 - 181		%Rec	1	9/28/2023 11:11:00 PM	

DRINKING WATER VOCS (EPA 524.2)					<b>E524.2</b>	Analyst: <b>ALS</b>
VOC-GC/MS (524.2)						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 2:06:00 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		

Original



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: **23091490**

Date Reported: **10/2/2023**

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 3:35:00 PM  
**Project:** EP  
**Lab ID:** 23091490-001      **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-740

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 2:06:00 PM
Surr: 1,2-Dichlorobenzene-d4	86.4	70 - 130		%Rec	1	9/26/2023 2:06:00 PM
Surr: 4-Bromofluorobenzene	98.4	70 - 130		%Rec	1	9/26/2023 2:06:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: <b>ZDA</b>
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/26/2023 10:29:00 PM
n-Butyl acrylate	ND	5.00		µg/L	1	9/26/2023 10:29:00 PM
Surr: 4-Bromofluorobenzene	92.3	70 - 130		%Rec	1	9/26/2023 10:29:00 PM
Surr: Dibromofluoromethane	103	70 - 130		%Rec	1	9/26/2023 10:29:00 PM
Surr: Toluene-d8	98.5	70 - 130		%Rec	1	9/26/2023 10:29:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 10:40:00 AM  
**Project:** EP  
**Lab ID:** 23091490-002 **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-398

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>				<b>E525</b>	<b>525</b>	Analyst: <b>SAM</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						
Acenaphthylene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Anthracene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Benz(a)anthracene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Benzo(a)pyrene	ND	0.0980	QL-QM-	µg/L	1	9/29/2023 6:18:00 AM
Benzo(b)fluoranthene	ND	0.0980	QL-QM-	µg/L	1	9/29/2023 6:18:00 AM
Benzo(g,h,i)perylene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Benzo(k)fluoranthene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Chrysene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Dibenz(a,h)anthracene	ND	0.0980	QL-QM-	µg/L	1	9/29/2023 6:18:00 AM
Fluorene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.980	QL-QM-	µg/L	1	9/29/2023 6:18:00 AM
Phenanthrene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Pyrene	ND	0.0980		µg/L	1	9/29/2023 6:18:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	68.8	70 - 130	S	%Rec	1	9/29/2023 6:18:00 AM
Surr: Benzo(a)pyrene-d12	73.8	70 - 130		%Rec	1	9/29/2023 6:18:00 AM
Surr: Triphenyl phosphate	85.4	70 - 130		%Rec	1	9/29/2023 6:18:00 AM
<b>SVOC BY SW8270E</b>				<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
<b>SVOC BY 8270E</b>						
1-Methylnaphthalene	ND	0.980		µg/L	1	9/28/2023 11:43:00 PM
2-Butoxyethanol	ND	29.4		µg/L	1	9/28/2023 11:43:00 PM
2-Methylnaphthalene	ND	0.980	QC-	µg/L	1	9/28/2023 11:43:00 PM
Acenaphthene	ND	0.980		µg/L	1	9/28/2023 11:43:00 PM
Fluoranthene	ND	0.980		µg/L	1	9/28/2023 11:43:00 PM
Surr: Nitrobenzene-d5	63.2	10 - 130		%Rec	1	9/28/2023 11:43:00 PM
Surr: 2-Fluorobiphenyl	66.6	10 - 130		%Rec	1	9/28/2023 11:43:00 PM
Surr: p-Terphenyl-d14	73.3	20 - 181		%Rec	1	9/28/2023 11:43:00 PM
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM

<b>Qualifiers:</b>	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	

Original





Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 10:40:00 AM  
**Project:** EP  
**Lab ID:** 23091490-002      **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-398

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: ALS
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 2:33:00 PM
Surr: 1,2-Dichlorobenzene-d4	88.2	70 - 130		%Rec	1	9/26/2023 2:33:00 PM
Surr: 4-Bromofluorobenzene	94.4	70 - 130		%Rec	1	9/26/2023 2:33:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: ZDA
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/26/2023 5:45:00 PM
n-Butyl acrylate	ND	5.00		µg/L	1	9/26/2023 5:45:00 PM
Surr: 4-Bromofluorobenzene	96.1	70 - 130		%Rec	1	9/26/2023 5:45:00 PM
Surr: Dibromofluoromethane	102	70 - 130		%Rec	1	9/26/2023 5:45:00 PM
Surr: Toluene-d8	98.2	70 - 130		%Rec	1	9/26/2023 5:45:00 PM

<b>Qualifiers:</b>	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	

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 11:25:00 AM  
**Project:** EP  
**Lab ID:** 23091490-003 **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-511

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>				<b>E525</b>	<b>525</b>	Analyst: <b>SAM</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						
Acenaphthylene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Anthracene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Benz(a)anthracene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Benzo(a)pyrene	ND	0.0976	QL-	µg/L	1	9/29/2023 7:58:00 AM
Benzo(b)fluoranthene	ND	0.0976	QL-	µg/L	1	9/29/2023 7:58:00 AM
Benzo(g,h,i)perylene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Benzo(k)fluoranthene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Chrysene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Dibenz(a,h)anthracene	ND	0.0976	QL-	µg/L	1	9/29/2023 7:58:00 AM
Fluorene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.976	QL-	µg/L	1	9/29/2023 7:58:00 AM
Phenanthrene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Pyrene	ND	0.0976		µg/L	1	9/29/2023 7:58:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	87.6	70 - 130		%Rec	1	9/29/2023 7:58:00 AM
Surr: Benzo(a)pyrene-d12	75.0	70 - 130		%Rec	1	9/29/2023 7:58:00 AM
Surr: Triphenyl phosphite	96.8	70 - 130		%Rec	1	9/29/2023 7:58:00 AM
<b>SVOC BY SW8270E</b>				<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
<b>SVOC BY 8270E</b>						
1-Methylnaphthalene	ND	0.971		µg/L	1	9/29/2023 12:14:00 AM
2-Butoxyethanol	ND	29.1		µg/L	1	9/29/2023 12:14:00 AM
2-Methylnaphthalene	ND	0.971	QC-	µg/L	1	9/29/2023 12:14:00 AM
Acenaphthene	ND	0.971		µg/L	1	9/29/2023 12:14:00 AM
Fluoranthene	ND	0.971		µg/L	1	9/29/2023 12:14:00 AM
Surr: Nitrobenzene-d5	56.6	10 - 130		%Rec	1	9/29/2023 12:14:00 AM
Surr: 2-Fluorobiphenyl	55.9	10 - 130		%Rec	1	9/29/2023 12:14:00 AM
Surr: p-Terphenyl-d14	69.3	20 - 181		%Rec	1	9/29/2023 12:14:00 AM
<b>DRINKING WATER VOCs (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 11:25:00 AM  
**Project:** EP  
**Lab ID:** 23091490-003      **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-511

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>	Analyst: <b>ALS</b>	
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 4:22:00 PM
Surr: 1,2-Dichlorobenzene-d4	86.7	70 - 130		%Rec	1	9/26/2023 4:22:00 PM
Surr: 4-Bromofluorobenzene	95.0	70 - 130		%Rec	1	9/26/2023 4:22:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>	Analyst: <b>ZDA</b>	
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/26/2023 10:53:00 PM
n-Butyl acrylate	ND	5.00		µg/L	1	9/26/2023 10:53:00 PM
Surr: 4-Bromofluorobenzene	93.4	70 - 130		%Rec	1	9/26/2023 10:53:00 PM
Surr: Dibromofluoromethane	104	70 - 130		%Rec	1	9/26/2023 10:53:00 PM
Surr: Toluene-d8	98.3	70 - 130		%Rec	1	9/26/2023 10:53:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 9:55:00 AM  
**Project:** EP  
**Lab ID:** 23091490-004 **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-397

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>				<b>E525</b>	<b>525</b>	Analyst: <b>SAM</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						
Acenaphthylene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Anthracene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Benz(a)anthracene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Benzo(a)pyrene	ND	0.0980	QL-	µg/L	1	9/29/2023 8:31:00 AM
Benzo(b)fluoranthene	ND	0.0980	QL-	µg/L	1	9/29/2023 8:31:00 AM
Benzo(g,h,i)perylene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Benzo(k)fluoranthene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Chrysene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Dibenz(a,h)anthracene	ND	0.0980	QL-	µg/L	1	9/29/2023 8:31:00 AM
Fluorene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.980	QL-	µg/L	1	9/29/2023 8:31:00 AM
Phenanthrene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Pyrene	ND	0.0980		µg/L	1	9/29/2023 8:31:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	90.4	70 - 130		%Rec	1	9/29/2023 8:31:00 AM
Surr: Benzo(a)pyrene-d12	78.0	70 - 130		%Rec	1	9/29/2023 8:31:00 AM
Surr: Triphenyl phosphite	96.4	70 - 130		%Rec	1	9/29/2023 8:31:00 AM
<b>SVOC BY SW8270E</b>				<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
<b>SVOC BY 8270E</b>						
1-Methylnaphthalene	ND	0.971		µg/L	1	9/29/2023 12:45:00 AM
2-Butoxyethanol	ND	29.1		µg/L	1	9/29/2023 12:45:00 AM
2-Methylnaphthalene	ND	0.971	QC-	µg/L	1	9/29/2023 12:45:00 AM
Acenaphthene	ND	0.971		µg/L	1	9/29/2023 12:45:00 AM
Fluoranthene	ND	0.971		µg/L	1	9/29/2023 12:45:00 AM
Surr: Nitrobenzene-d5	63.6	10 - 130		%Rec	1	9/29/2023 12:45:00 AM
Surr: 2-Fluorobiphenyl	62.3	10 - 130		%Rec	1	9/29/2023 12:45:00 AM
Surr: p-Terphenyl-d14	72.6	20 - 181		%Rec	1	9/29/2023 12:45:00 AM
<b>DRINKING WATER VOCs (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 9:55:00 AM  
**Project:** EP  
**Lab ID:** 23091490-004      **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-397

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>	Analyst: <b>ALS</b>	
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 4:49:00 PM
Surr: 1,2-Dichlorobenzene-d4	87.3	70 - 130		%Rec	1	9/26/2023 4:49:00 PM
Surr: 4-Bromofluorobenzene	94.7	70 - 130		%Rec	1	9/26/2023 4:49:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>	Analyst: <b>ZDA</b>	
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/26/2023 11:16:00 PM
n-Butyl acrylate	ND	5.00		µg/L	1	9/26/2023 11:16:00 PM
Surr: 4-Bromofluorobenzene	92.9	70 - 130		%Rec	1	9/26/2023 11:16:00 PM
Surr: Dibromofluoromethane	106	70 - 130		%Rec	1	9/26/2023 11:16:00 PM
Surr: Toluene-d8	98.8	70 - 130		%Rec	1	9/26/2023 11:16:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 11:50:00 AM  
**Project:** EP  
**Lab ID:** 23091490-005 **Matrix:** DRINKING WATER  
**Client Sample ID:** Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>				<b>E525</b>	<b>525</b>	Analyst: <b>SAM</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						
Acenaphthylene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Anthracene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Benz(a)anthracene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Benzo(a)pyrene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:04:00 AM
Benzo(b)fluoranthene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:04:00 AM
Benzo(g,h,i)perylene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Benzo(k)fluoranthene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Chrysene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Dibenz(a,h)anthracene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:04:00 AM
Fluorene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.976	QL-	µg/L	1	9/29/2023 9:04:00 AM
Phenanthrene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Pyrene	ND	0.0976		µg/L	1	9/29/2023 9:04:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	93.0	70 - 130		%Rec	1	9/29/2023 9:04:00 AM
Surr: Benzo(a)pyrene-d12	89.6	70 - 130		%Rec	1	9/29/2023 9:04:00 AM
Surr: Triphenyl phosphite	93.0	70 - 130		%Rec	1	9/29/2023 9:04:00 AM
<b>SVOC BY SW8270E</b>				<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
<b>SVOC BY 8270E</b>						
1-Methylnaphthalene	ND	0.980		µg/L	1	9/29/2023 1:17:00 AM
2-Butoxyethanol	ND	29.4		µg/L	1	9/29/2023 1:17:00 AM
2-Methylnaphthalene	ND	0.980	QC-	µg/L	1	9/29/2023 1:17:00 AM
Acenaphthene	ND	0.980		µg/L	1	9/29/2023 1:17:00 AM
Fluoranthene	ND	0.980		µg/L	1	9/29/2023 1:17:00 AM
Surr: Nitrobenzene-d5	62.1	10 - 130		%Rec	1	9/29/2023 1:17:00 AM
Surr: 2-Fluorobiphenyl	64.1	10 - 130		%Rec	1	9/29/2023 1:17:00 AM
Surr: p-Terphenyl-d14	72.7	20 - 181		%Rec	1	9/29/2023 1:17:00 AM
<b>DRINKING WATER VOCs (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 11:50:00 AM  
**Project:** EP  
**Lab ID:** 23091490-005      **Matrix:** DRINKING WATER  
**Client Sample ID:** Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: ALS
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 5:16:00 PM
Surr: 1,2-Dichlorobenzene-d4	87.3	70 - 130		%Rec	1	9/26/2023 5:16:00 PM
Surr: 4-Bromofluorobenzene	90.8	70 - 130		%Rec	1	9/26/2023 5:16:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: ZDA
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/26/2023 11:40:00 PM
n-Butyl acrylate	ND	5.00		µg/L	1	9/26/2023 11:40:00 PM
Surr: 4-Bromofluorobenzene	97.9	70 - 130		%Rec	1	9/26/2023 11:40:00 PM
Surr: Dibromofluoromethane	105	70 - 130		%Rec	1	9/26/2023 11:40:00 PM
Surr: Toluene-d8	97.9	70 - 130		%Rec	1	9/26/2023 11:40:00 PM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: **23091490**

Date Reported: **10/2/2023**

**CLIENT:** Mahoning County District Board of Health **Collection Date:** 9/21/2023 12:05:00 PM  
**Project:** EP  
**Lab ID:** 23091490-006 **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-375

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER ORGANIC COMPOUNDS (EPA 525)</b>				<b>E525</b>	<b>525</b>	Analyst: <b>SAM</b>
<b>SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)</b>						
Acenaphthylene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Anthracene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Benz(a)anthracene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Benzo(a)pyrene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:37:00 AM
Benzo(b)fluoranthene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:37:00 AM
Benzo(g,h,i)perylene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Benzo(k)fluoranthene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Chrysene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Dibenz(a,h)anthracene	ND	0.0976	QL-	µg/L	1	9/29/2023 9:37:00 AM
Fluorene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Indeno(1,2,3-cd)pyrene	ND	0.976	QL-	µg/L	1	9/29/2023 9:37:00 AM
Phenanthrene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Pyrene	ND	0.0976		µg/L	1	9/29/2023 9:37:00 AM
Surr: 1,3-Dimethyl-2-nitrobenzene	97.0	70 - 130		%Rec	1	9/29/2023 9:37:00 AM
Surr: Benzo(a)pyrene-d12	91.2	70 - 130		%Rec	1	9/29/2023 9:37:00 AM
Surr: Triphenyl phosphite	92.0	70 - 130		%Rec	1	9/29/2023 9:37:00 AM
<b>SVOC BY SW8270E</b>				<b>SW8270</b>	<b>SW3510C</b>	Analyst: <b>SAM</b>
<b>SVOC BY 8270E</b>						
1-Methylnaphthalene	ND	0.980		µg/L	1	9/29/2023 1:48:00 AM
2-Butoxyethanol	ND	29.4		µg/L	1	9/29/2023 1:48:00 AM
2-Methylnaphthalene	ND	0.980	QC-	µg/L	1	9/29/2023 1:48:00 AM
Acenaphthene	ND	0.980		µg/L	1	9/29/2023 1:48:00 AM
Fluoranthene	ND	0.980		µg/L	1	9/29/2023 1:48:00 AM
Surr: Nitrobenzene-d5	58.7	10 - 130		%Rec	1	9/29/2023 1:48:00 AM
Surr: 2-Fluorobiphenyl	59.5	10 - 130		%Rec	1	9/29/2023 1:48:00 AM
Surr: p-Terphenyl-d14	73.4	20 - 181		%Rec	1	9/29/2023 1:48:00 AM
<b>DRINKING WATER VOCs (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM

<b>Qualifiers:</b>	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		

Original





Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:** 9/21/2023 12:05:00 PM  
**Project:** EP  
**Lab ID:** 23091490-006      **Matrix:** DRINKING WATER  
**Client Sample ID:** PW-375

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: ALS
<b>VOC-GC/MS (524.2)</b>						
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 5:43:00 PM
Surr: 1,2-Dichlorobenzene-d4	87.4	70 - 130		%Rec	1	9/26/2023 5:43:00 PM
Surr: 4-Bromofluorobenzene	92.1	70 - 130		%Rec	1	9/26/2023 5:43:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: ZDA
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:03:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:03:00 AM
Surr: 4-Bromofluorobenzene	93.1	70 - 130		%Rec	1	9/27/2023 12:03:00 AM
Surr: Dibromofluoromethane	107	70 - 130		%Rec	1	9/27/2023 12:03:00 AM
Surr: Toluene-d8	100	70 - 130		%Rec	1	9/27/2023 12:03:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:**  
**Project:** EP  
**Lab ID:** 23091490-007      **Matrix:** WATER  
**Client Sample ID:** Trip Blank 1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>	Analyst: ALS	
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 6:10:00 PM
Surr: 1,2-Dichlorobenzene-d4	85.8	70 - 130		%Rec	1	9/26/2023 6:10:00 PM
Surr: 4-Bromofluorobenzene	93.1	70 - 130		%Rec	1	9/26/2023 6:10:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>	Analyst: ZDA	
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:27:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:27:00 AM
Surr: 4-Bromofluorobenzene	93.5	70 - 130		%Rec	1	9/27/2023 12:27:00 AM
Surr: Dibromofluoromethane	105	70 - 130		%Rec	1	9/27/2023 12:27:00 AM
Surr: Toluene-d8	98.2	70 - 130		%Rec	1	9/27/2023 12:27:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:**  
**Project:** EP  
**Lab ID:** 23091490-008      **Matrix:** WATER  
**Client Sample ID:** Trip Blank 2

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: <b>ALS</b>
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 6:37:00 PM
Surr: 1,2-Dichlorobenzene-d4	86.5	70 - 130		%Rec	1	9/26/2023 6:37:00 PM
Surr: 4-Bromofluorobenzene	98.4	70 - 130		%Rec	1	9/26/2023 6:37:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: <b>ZDA</b>
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:51:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 12:51:00 AM
Surr: 4-Bromofluorobenzene	89.7	70 - 130		%Rec	1	9/27/2023 12:51:00 AM
Surr: Dibromofluoromethane	105	70 - 130		%Rec	1	9/27/2023 12:51:00 AM
Surr: Toluene-d8	101	70 - 130		%Rec	1	9/27/2023 12:51:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health **Collection Date:**  
**Project:** EP  
**Lab ID:** 23091490-009 **Matrix:** WATER  
**Client Sample ID:** Trip Blank 3

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>		<b>E524.2</b>		Analyst: ALS		
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 7:04:00 PM
Surr: 1,2-Dichlorobenzene-d4	88.3	70 - 130		%Rec	1	9/26/2023 7:04:00 PM
Surr: 4-Bromofluorobenzene	95.1	70 - 130		%Rec	1	9/26/2023 7:04:00 PM
<b>VOC ANALYSIS (8260D)</b>		<b>SW8260</b>		Analyst: ZDA		
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 1:14:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 1:14:00 AM
Surr: 4-Bromofluorobenzene	92.8	70 - 130		%Rec	1	9/27/2023 1:14:00 AM
Surr: Dibromofluoromethane	103	70 - 130		%Rec	1	9/27/2023 1:14:00 AM
Surr: Toluene-d8	98.5	70 - 130		%Rec	1	9/27/2023 1:14:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:**  
**Project:** EP  
**Lab ID:** 23091490-010      **Matrix:** WATER  
**Client Sample ID:** Trip Blank 4

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>	Analyst: ALS	
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 7:31:00 PM
Surr: 1,2-Dichlorobenzene-d4	86.4	70 - 130		%Rec	1	9/26/2023 7:31:00 PM
Surr: 4-Bromofluorobenzene	95.5	70 - 130		%Rec	1	9/26/2023 7:31:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>	Analyst: ZDA	
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 1:38:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 1:38:00 AM
Surr: 4-Bromofluorobenzene	92.7	70 - 130		%Rec	1	9/27/2023 1:38:00 AM
Surr: Dibromofluoromethane	107	70 - 130		%Rec	1	9/27/2023 1:38:00 AM
Surr: Toluene-d8	101	70 - 130		%Rec	1	9/27/2023 1:38:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Analytical Report

(consolidated)

WO#: 23091490

Date Reported: 10/2/2023

**CLIENT:** Mahoning County District Board of Health      **Collection Date:**  
**Project:** EP  
**Lab ID:** 23091490-011      **Matrix:** WATER  
**Client Sample ID:** Trip Blank 5

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DRINKING WATER VOCS (EPA 524.2)</b>				<b>E524.2</b>		Analyst: ALS
<b>VOC-GC/MS (524.2)</b>						
1,1-Dichloropropene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Benzene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Ethylbenzene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
m,p-Xylene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Naphthalene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
o-Xylene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Toluene	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Vinyl chloride	ND	0.500		µg/L	1	9/26/2023 7:58:00 PM
Surr: 1,2-Dichlorobenzene-d4	85.9	70 - 130		%Rec	1	9/26/2023 7:58:00 PM
Surr: 4-Bromofluorobenzene	94.6	70 - 130		%Rec	1	9/26/2023 7:58:00 PM
<b>VOC ANALYSIS (8260D)</b>				<b>SW8260</b>		Analyst: ZDA
<b>VOC BY GC/MS (8260D)</b>						
2-Ethylhexyl acrylate	ND	5.00		µg/L	1	9/27/2023 2:01:00 AM
n-Butyl acrylate	ND	5.00		µg/L	1	9/27/2023 2:01:00 AM
Surr: 4-Bromofluorobenzene	92.8	70 - 130		%Rec	1	9/27/2023 2:01:00 AM
Surr: Dibromofluoromethane	106	70 - 130		%Rec	1	9/27/2023 2:01:00 AM
Surr: Toluene-d8	98.5	70 - 130		%Rec	1	9/27/2023 2:01:00 AM

<b>Qualifiers:</b>	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		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68988

Sample ID: <b>MB-68988</b>	SampType: <b>MBLK</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>PBW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621504</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Fluorene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Phenanthrene	ND	0.100									
Pyrene	ND	0.100									
Surr: 1,3-Dimethyl-2-nitrobenzene	4.62		5.000		92.4	70	130				
Surr: Benzo(a)pyrene-d12	3.76		5.000		75.2	70	130				
Surr: Triphenyl phosphate	3.97		5.000		79.4	70	130				

Sample ID: <b>LCS-68988</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621505</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	3.81	0.100	5.000	0	76.2	70	130				
Anthracene	4.89	0.100	5.000	0	97.8	70	130				
Benz(a)anthracene	4.38	0.100	5.000	0	87.6	70	130				
Benzo(a)pyrene	3.44	0.100	5.000	0	68.8	70	130				S

**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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68988

Sample ID: <b>LCS-68988</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621505</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	3.59	0.100	5.000	0	71.8	70	130				
Benzo(g,h,i)perylene	3.88	0.100	5.000	0	77.6	70	130				
Benzo(k)fluoranthene	3.95	0.100	5.000	0	79.0	70	130				
Chrysene	4.34	0.100	5.000	0	86.8	70	130				
Dibenz(a,h)anthracene	3.33	0.100	5.000	0	66.6	70	130				S
Fluorene	4.15	0.100	5.000	0	83.0	70	130				
Indeno(1,2,3-cd)pyrene	3.36	1.00	5.000	0	67.2	70	130				S
Phenanthrene	4.24	0.100	5.000	0	84.8	70	130				
Pyrene	4.94	0.100	5.000	0	98.8	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	4.10		5.000		82.0	70	130				
Surr: Benzo(a)pyrene-d12	3.73		5.000		74.6	70	130				
Surr: Triphenyl phosphate	4.12		5.000		82.4	70	130				

Sample ID: <b>MB-68988</b>	SampType: <b>MBLK</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>PBW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621506</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									

**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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original





Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68988

Sample ID: <b>MB-68988</b>	SampType: <b>MBLK</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>PBW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621506</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	ND	0.100									
Fluorene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Phenanthrene	ND	0.100									
Pyrene	ND	0.100									
Surr: 1,3-Dimethyl-2-nitrobenz...	4.62		5.000		92.4	70	130				
Surr: Benzo(a)pyrene-d12	3.74		5.000		74.8	70	130				
Surr: Triphenyl phosphate	4.20		5.000		84.0	70	130				

Sample ID: <b>LCS-68988</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621507</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	3.81	0.100	5.000	0	76.2	70	130				
Anthracene	4.59	0.100	5.000	0	91.8	70	130				
Benz(a)anthracene	4.28	0.100	5.000	0	85.6	70	130				
Benzo(a)pyrene	3.41	0.100	5.000	0	68.2	70	130				S
Benzo(b)fluoranthene	3.33	0.100	5.000	0	66.6	70	130				S
Benzo(g,h,i)perylene	3.84	0.100	5.000	0	76.8	70	130				
Benzo(k)fluoranthene	4.15	0.100	5.000	0	83.0	70	130				
Chrysene	4.39	0.100	5.000	0	87.8	70	130				
Dibenz(a,h)anthracene	3.32	0.100	5.000	0	66.4	70	130				S
Fluorene	4.14	0.100	5.000	0	82.8	70	130				
Indeno(1,2,3-cd)pyrene	3.33	1.00	5.000	0	66.6	70	130				S
Phenanthrene	4.25	0.100	5.000	0	85.0	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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68988

Sample ID: <b>LCS-68988</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4621507</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	4.93	0.100	5.000	0	98.6	70	130				
Surr: 1,3-Dimethyl-2-nitrobenz(a)pyrene	4.03		5.000		80.6	70	130				
Surr: Benzo(a)pyrene-d12	3.69		5.000		73.8	70	130				
Surr: Triphenyl phosphate	4.22		5.000		84.4	70	130				

Sample ID: <b>23091490-002AMS</b>	SampType: <b>MS</b>	TestCode: <b>SVOC_DW(52</b> Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>							
Client ID: <b>PW-398</b>	Batch ID: <b>68988</b>	TestNo: <b>E525 525</b>	Analysis Date: <b>9/29/2023</b>	SeqNo: <b>4621522</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	3.54	0.0976	4.878	0	72.6	70	130				
Anthracene	4.45	0.0976	4.878	0	91.2	70	130				
Benz(a)anthracene	4.34	0.0976	4.878	0	89.0	70	130				
Benzo(a)pyrene	3.20	0.0976	4.878	0	65.6	70	130				S
Benzo(b)fluoranthene	3.32	0.0976	4.878	0	68.0	70	130				S
Benzo(g,h,i)perylene	3.73	0.0976	4.878	0	76.4	70	130				
Benzo(k)fluoranthene	3.75	0.0976	4.878	0	76.8	70	130				
Chrysene	4.13	0.0976	4.878	0	84.6	70	130				
Dibenz(a,h)anthracene	3.30	0.0976	4.878	0	67.6	70	130				S
Fluorene	3.98	0.0976	4.878	0	81.6	70	130				
Indeno(1,2,3-cd)pyrene	3.27	0.976	4.878	0	67.0	70	130				S
Phenanthrene	4.20	0.0976	4.878	0	86.2	70	130				
Pyrene	4.75	0.0976	4.878	0	97.4	70	130				
Surr: 1,3-Dimethyl-2-nitrobenz(a)pyrene	3.97		4.878		81.4	70	130				
Surr: Benzo(a)pyrene-d12	3.61		4.878		74.0	70	130				
Surr: Triphenyl phosphate	4.33		4.878		88.8	70	130				

**Qualifiers:**

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

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68988

Sample ID: <b>23091490-002AMS</b>	SampType: <b>MS</b>	TestCode: <b>SVOC_DW(52</b>	Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>68988</b>	TestNo: <b>E525</b>	<b>525</b>	Analysis Date: <b>9/29/2023</b>	SeqNo: <b>4621522</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: <b>23091490-002AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SVOC_DW(52</b>	Units: <b>µg/L</b>	Prep Date: <b>9/25/2023</b>	RunNo: <b>171760</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>68988</b>	TestNo: <b>E525</b>	<b>525</b>	Analysis Date: <b>9/29/2023</b>	SeqNo: <b>4621523</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	4.03	0.0976	4.878	0	82.6	70	130	3.541	12.9	30	
Anthracene	4.69	0.0976	4.878	0	96.2	70	130	4.449	5.34	30	
Benz(a)anthracene	4.59	0.0976	4.878	0	94.0	70	130	4.341	5.46	30	
Benzo(a)pyrene	3.48	0.0976	4.878	0	71.4	70	130	3.200	8.47	30	
Benzo(b)fluoranthene	3.51	0.0976	4.878	0	72.0	70	130	3.317	5.71	30	
Benzo(g,h,i)perylene	4.05	0.0976	4.878	0	83.0	70	130	3.727	8.28	30	
Benzo(k)fluoranthene	4.00	0.0976	4.878	0	82.0	70	130	3.746	6.55	30	
Chrysene	4.28	0.0976	4.878	0	87.8	70	130	4.127	3.71	30	
Dibenz(a,h)anthracene	3.64	0.0976	4.878	0	74.6	70	130	3.298	9.85	30	
Fluorene	4.43	0.0976	4.878	0	90.8	70	130	3.980	10.7	30	
Indeno(1,2,3-cd)pyrene	3.57	0.976	4.878	0	73.2	70	130	3.268	8.84	30	
Phenanthrene	4.49	0.0976	4.878	0	92.0	70	130	4.205	6.51	30	
Pyrene	4.93	0.0976	4.878	0	101	70	130	4.751	3.63	30	
Surr: 1,3-Dimethyl-2-nitroben...	4.42		4.878		90.6	70	130		0	0	
Surr: Benzo(a)pyrene-d12	3.79		4.878		77.6	70	130		0	0	
Surr: Triphenyl phosphate	4.48		4.878		91.8	70	130		0	0	

<b>Qualifiers:</b>	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	S Spike Recovery outside accepted recovery limits
	W Sample container temperature is out of limit as specified at testcode		

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68998

Sample ID: <b>MB-68998</b>	SampType: <b>MBLK</b>	TestCode: <b>SVOC-MSTR</b>	Units: <b>µg/L</b>	Prep Date: <b>9/26/2023</b>	RunNo: <b>171697</b>						
Client ID: <b>PBW</b>	Batch ID: <b>68998</b>	TestNo: <b>SW8270</b>	<b>SW3510C</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4619958</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0						
1-Methylnaphthalene	ND	5.00		0	0						
2-Methylnaphthalene	ND	5.00		0	0						QC-
Acenaphthene	ND	5.00		0	0						
Fluoranthene	ND	5.00		0	0						
Surr: 2-Fluorophenol	0.0216		0.05000		43.2	10	130				
Surr: Phenol-d6	0.0138		0.05000		27.5	10	130				
Surr: Nitrobenzene-d5	0.0314		0.05000		62.9	10	130				
Surr: 2,4,6-Tribromophenol	0.0358		0.05000		71.7	19	151				
Surr: 2-Fluorobiphenyl	0.0322		0.05000		64.5	10	130				
Surr: p-Terphenyl-d14	0.0371		0.05000		74.2	20	181				

Sample ID: <b>LCS-68998</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC-MSTR</b>	Units: <b>µg/L</b>	Prep Date: <b>9/26/2023</b>	RunNo: <b>171697</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>68998</b>	TestNo: <b>SW8270</b>	<b>SW3510C</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4619959</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0	70	130				
1-Methylnaphthalene	31.1	5.00	40.0	0	77.7	33	130				
2-Methylnaphthalene	22.3	5.00	40.0	0	55.8	32	130				QC-
Acenaphthene	32.4	5.00	40.0	0	80.9	44	130				
Fluoranthene	35.6	5.00	40.0	0	89.0	63	130				
Surr: 2-Fluorophenol	0.0208		0.05000		41.6	10	130				
Surr: Phenol-d6	0.0129		0.05000		25.8	10	130				
Surr: Nitrobenzene-d5	0.0296		0.05000		59.3	10	130				
Surr: 2,4,6-Tribromophenol	0.0373		0.05000		74.6	19	151				

**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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68998

Sample ID: <b>LCS-68998</b>	SampType: <b>LCS</b>	TestCode: <b>SVOC-MSTR</b>	Units: <b>µg/L</b>	Prep Date: <b>9/26/2023</b>	RunNo: <b>171697</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>68998</b>	TestNo: <b>SW8270</b>	<b>SW3510C</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4619959</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	0.0317		0.05000		63.5	10	130				
Surr: p-Terphenyl-d14	0.0321		0.05000		64.1	20	181				

Sample ID: <b>23091490-002BMS</b>	SampType: <b>MS</b>	TestCode: <b>SVOC-MSTR</b>	Units: <b>µg/L</b>	Prep Date: <b>9/26/2023</b>	RunNo: <b>171697</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>68998</b>	TestNo: <b>SW8270</b>	<b>SW3510C</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4619960</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Butoxyethanol	ND	29.4		0	0	70	130				
1-Methylnaphthalene	34.6	4.90	39.2	0	88.3	45	130				
2-Methylnaphthalene	24.6	4.90	39.2	0	62.8	42	134				QC-
Acenaphthene	35.1	4.90	39.2	0	89.5	52	128				
Fluoranthene	36.7	4.90	39.2	0	93.7	61	136				
Surr: 2-Fluorophenol	0.0232		0.04902		47.3	10	130				
Surr: Phenol-d6	0.0141		0.04902		28.7	10	130				
Surr: Nitrobenzene-d5	0.0329		0.04902		67.0	10	130				
Surr: 2,4,6-Tribromophenol	0.0404		0.04902		82.5	19	151				
Surr: 2-Fluorobiphenyl	0.0349		0.04902		71.1	10	130				
Surr: p-Terphenyl-d14	0.0362		0.04902		73.8	20	181				

Sample ID: <b>23091490-002BMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SVOC-MSTR</b>	Units: <b>µg/L</b>	Prep Date: <b>9/26/2023</b>	RunNo: <b>171697</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>68998</b>	TestNo: <b>SW8270</b>	<b>SW3510C</b>	Analysis Date: <b>9/28/2023</b>	SeqNo: <b>4619961</b>						
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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** 68998

Sample ID: 23091490-002BMSD	SampType: MSD	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 9/26/2023	RunNo: 171697						
Client ID: PW-398	Batch ID: 68998	TestNo: SW8270	SW3510C	Analysis Date: 9/28/2023	SeqNo: 4619961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	29.1		0	0	70	130	0	0	30	
1-Methylnaphthalene	29.6	4.85	38.8	0	76.1	45	130	34.6	15.8	30	
2-Methylnaphthalene	20.9	4.85	38.8	0	53.8	42	134	24.6	16.5	30	QC-
Acenaphthene	29.7	4.85	38.8	0	76.5	52	128	35.1	16.7	30	
Fluoranthene	31.0	4.85	38.8	0	80.0	61	136	36.7	16.8	30	
Surr: 2-Fluorophenol	0.0196		0.04854		40.4	10	130		0		
Surr: Phenol-d6	0.0118		0.04854		24.4	10	130		0		
Surr: Nitrobenzene-d5	0.0288		0.04854		59.4	10	130		0		
Surr: 2,4,6-Tribromophenol	0.0332		0.04854		68.4	19	151		0		
Surr: 2-Fluorobiphenyl	0.0300		0.04854		61.7	10	130		0		
Surr: p-Terphenyl-d14	0.0296		0.04854		61.0	20	181		0		

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** R171558

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>VOC-MSTR_</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171558</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>R171558</b>	TestNo: <b>SW8260</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616135</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	16.9	5.00	20.00	0	84.5	70	130				
n-Butyl acrylate	20.0	5.00	20.00	0	100	70	130				
Surr: 4-Bromofluorobenzene	51.1		50.00		102	70	130				
Surr: Dibromofluoromethane	49.6		50.00		99.3	70	130				
Surr: Toluene-d8	49.9		50.00		99.9	70	130				

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC-MSTR_</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171558</b>						
Client ID: <b>PBW</b>	Batch ID: <b>R171558</b>	TestNo: <b>SW8260</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616136</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	ND	5.00									
n-Butyl acrylate	ND	5.00									
Surr: 4-Bromofluorobenzene	48.9		50.00		97.8	70	130				
Surr: Dibromofluoromethane	50.0		50.00		100	70	130				
Surr: Toluene-d8	49.6		50.00		99.3	70	130				

Sample ID: <b>23091490-002DMS</b>	SampType: <b>MS</b>	TestCode: <b>VOC-MSTR_</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171558</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171558</b>	TestNo: <b>SW8260</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616138</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	17.2	5.00	20.00	0	85.9	70	130				
n-Butyl acrylate	19.6	5.00	20.00	0	98.0	70	130				
Surr: 4-Bromofluorobenzene	52.2		50.00		104	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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** R171558

Sample ID: <b>23091490-002DMS</b>	SampType: <b>MS</b>	TestCode: <b>VOC-MSTR_</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171558</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171558</b>	TestNo: <b>SW8260</b>	Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616138</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	48.8		50.00		97.6	70	130				
Surr: Toluene-d8	50.0		50.00		99.9	46.1	154				

Sample ID: <b>23091490-002DMSD</b>	SampType: <b>MSD</b>	TestCode: <b>VOC-MSTR_</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171558</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171558</b>	TestNo: <b>SW8260</b>	Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616139</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Ethylhexyl acrylate	16.9	5.00	20.00	0	84.7	70	130	17.18	1.38	20	
n-Butyl acrylate	19.7	5.00	20.00	0	98.7	70	130	19.61	0.676	20	
Surr: 4-Bromofluorobenzene	51.4		50.00		103	70	130		0	20	
Surr: Dibromofluoromethane	49.0		50.00		97.9	70	130		0	20	
Surr: Toluene-d8	50.3		50.00		101	46.1	154		0	20	

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis 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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original





Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** R171570

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>	Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616523</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	4.80	0.500	5.000	0	96.0	70	130				
1,2,4-Trimethylbenzene	5.28	0.500	5.000	0	106	70	130				
Benzene	4.86	0.500	5.000	0	97.1	70	130				
Ethylbenzene	5.10	0.500	5.000	0	102	70	130				
m,p-Xylene	10.9	0.500	10.00	0	109	70	130				
Naphthalene	5.11	0.500	5.000	0	102	70	130				
o-Xylene	5.29	0.500	5.000	0	106	70	130				
Toluene	5.05	0.500	5.000	0	101	70	130				
Vinyl chloride	4.74	0.500	5.000	0	94.8	70	130				
Surr: 1,2-Dichlorobenzene-d4	9.79		10.00		97.9	70	130				
Surr: 4-Bromofluorobenzene	10.4		10.00		104	70	130				

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>PBW</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>	Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616524</b>							
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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** R171570

Sample ID: <b>MB</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>PBW</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616524</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichlorobenzene-d4	8.44		10.00		84.4	70	130				
Surr: 4-Bromofluorobenzene	9.32		10.00		93.2	70	130				

Sample ID: <b>23091490-002CMS</b>	SampType: <b>MS</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616527</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloropropene	5.73	0.500	5.000	0	115	70	130				
1,2,4-Trimethylbenzene	5.75	0.500	5.000	0	115	70	130				
Benzene	5.16	0.500	5.000	0	103	70	130				
Ethylbenzene	5.54	0.500	5.000	0	111	70	130				
m,p-Xylene	12.1	0.500	10.00	0	121	70	130				
Naphthalene	5.17	0.500	5.000	0	103	70	130				
o-Xylene	5.84	0.500	5.000	0	117	70	130				
Toluene	5.36	0.500	5.000	0	107	70	130				
Vinyl chloride	5.70	0.500	5.000	0	114	70	130				
Surr: 1,2-Dichlorobenzene-d4	9.28		10.00		92.8	70	130				
Surr: 4-Bromofluorobenzene	10.1		10.00		101	70	130				

Sample ID: <b>23091490-002CMSD</b>	SampType: <b>MSD</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>		Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616528</b>						
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	S	Spike Recovery outside accepted recovery limits
W	Sample container temperature is out of limit as specified at testcode				

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# QC SUMMARY REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

**BatchID:** R171570

Sample ID: <b>23091490-002CMSD</b>	SampType: <b>MSD</b>	TestCode: <b>VOC_DW(524)</b>	Units: <b>µg/L</b>	Prep Date:	RunNo: <b>171570</b>						
Client ID: <b>PW-398</b>	Batch ID: <b>R171570</b>	TestNo: <b>E524.2</b>	Analysis Date: <b>9/26/2023</b>	SeqNo: <b>4616528</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	5.79	0.500	5.000	0	116	70	130	5.726	1.16	25	
1,2,4-Trimethylbenzene	5.68	0.500	5.000	0	114	70	130	5.754	1.28	25	
Benzene	5.23	0.500	5.000	0	105	70	130	5.161	1.39	25	
Ethylbenzene	5.50	0.500	5.000	0	110	70	130	5.538	0.779	25	
m,p-Xylene	12.2	0.500	10.00	0	122	70	130	12.11	0.716	25	
Naphthalene	5.35	0.500	5.000	0	107	70	130	5.174	3.31	25	
o-Xylene	5.69	0.500	5.000	0	114	70	130	5.839	2.55	25	
Toluene	5.42	0.500	5.000	0	108	70	130	5.361	1.08	25	
Vinyl chloride	5.86	0.500	5.000	0	117	70	130	5.700	2.70	25	
Surr: 1,2-Dichlorobenzene-d4	9.50		10.00		95.0	70	130		0	25	
Surr: 4-Bromofluorobenzene	9.80		10.00		98.0	70	130		0	25	

**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      | S  | Spike Recovery outside accepted recovery limits    |
| W | Sample container temperature is out of limit as specified at testcode |    |                                |    |  |

Original

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

### Qualifiers

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

### Acronyms

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



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

# DATES REPORT

WO#: **23091490**  
**02-Oct-23**

**Client:** Mahoning County District Board of Health  
**Project:** EP

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
23091490-001A	PW-740	9/21/2023 3:35:00 PM	Drinking Water	Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 5:45:00 AM
23091490-001B				SVOC by 8270E		9/26/2023 5:00:00 PM	9/28/2023 11:11:00 PM
23091490-001C				VOC-GC/MS (524.2)			9/26/2023 2:06:00 PM
23091490-001D				VOC by GC/MS (8260D)			9/26/2023 10:29:00 PM
23091490-002A	PW-398	9/21/2023 10:40:00 AM		Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 6:18:00 AM
23091490-002B				Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 11:50:00 AM
23091490-002C				SVOC by 8270E		9/26/2023 5:00:00 PM	9/28/2023 11:43:00 PM
23091490-002D				VOC-GC/MS (524.2)			9/26/2023 2:33:00 PM
23091490-003A	PW-511	9/21/2023 11:25:00 AM		VOC by GC/MS (8260D)			9/26/2023 5:45:00 PM
23091490-003B				Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 7:58:00 AM
23091490-003C				SVOC by 8270E		9/26/2023 5:00:00 PM	9/29/2023 12:14:00 AM
23091490-003D				VOC-GC/MS (524.2)			9/26/2023 4:22:00 PM
23091490-004A	PW-397	9/21/2023 9:55:00 AM		VOC by GC/MS (8260D)			9/26/2023 10:53:00 PM
23091490-004B				Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 8:31:00 AM
23091490-004C				SVOC by 8270E		9/26/2023 5:00:00 PM	9/29/2023 12:45:00 AM
23091490-004D				VOC-GC/MS (524.2)			9/26/2023 4:49:00 PM
23091490-005A	Field Blank	9/21/2023 11:50:00 AM		VOC by GC/MS (8260D)			9/26/2023 11:16:00 PM
23091490-005B				Synthetic Organic Compounds by GC/MS (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 9:04:00 AM
23091490-005C				SVOC by 8270E		9/26/2023 5:00:00 PM	9/29/2023 1:17:00 AM
23091490-005D				VOC-GC/MS (524.2)			9/26/2023 5:16:00 PM
23091490-005E				VOC by GC/MS (8260D)			9/26/2023 11:40:00 PM

Original



Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# DATES REPORT

WO#: 23091490  
 02-Oct-23

**Client:** Mahoning County District Board of Health  
**Project:** EP

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
23091490-006A	PW-375	9/21/2023 12:05:00 PM	Drinking Water	Synthetic Organic Compounds by GC/I (EPA 525.3)		9/25/2023 1:00:00 PM	9/29/2023 9:37:00 AM
23091490-006B				SVOC by 8270E		9/26/2023 5:00:00 PM	9/29/2023 1:48:00 AM
23091490-006C				VOC-GC/MS (524.2)			9/26/2023 5:43:00 PM
23091490-006D				VOC by GC/MS (8260D)			9/27/2023 12:03:00 AM
23091490-007A	Trip Blank 1		Water	VOC-GC/MS (524.2)			9/26/2023 6:10:00 PM
23091490-007B				VOC by GC/MS (8260D)			9/27/2023 12:27:00 AM
23091490-008A	Trip Blank 2			VOC-GC/MS (524.2)			9/26/2023 6:37:00 PM
23091490-008B				VOC by GC/MS (8260D)			9/27/2023 12:51:00 AM
23091490-009A	Trip Blank 3			VOC-GC/MS (524.2)			9/26/2023 7:04:00 PM
23091490-009B				VOC by GC/MS (8260D)			9/27/2023 1:14:00 AM
23091490-010A	Trip Blank 4			VOC-GC/MS (524.2)			9/26/2023 7:31:00 PM
23091490-010B				VOC by GC/MS (8260D)			9/27/2023 1:38:00 AM
23091490-011A	Trip Blank 5			VOC-GC/MS (524.2)			9/26/2023 7:58:00 PM
23091490-011B				VOC by GC/MS (8260D)			9/27/2023 2:01:00 AM

Original







Analysis Request / Chain of Custody



For Summit Environmental Technologies, Inc. use only

Refer to Terms and Conditions at www.settek.com

SET  
WO  
NO.:

Client Name: <b>Mahoning Co. Health</b> PO #: <b>330-424-0272</b> Client Address: <b>Kevin Summerville</b> PWS ID: <b>PW-511</b> Reporting/Accreditation Requirements: <input type="checkbox"/> Ohio YAP <input type="checkbox"/> Ohio EPA Pb, Cu <input type="checkbox"/> Drinking Water Compliance <input type="checkbox"/> Other Compliance (List State/Program): Print: <b>Ksommern, He@colombian-health</b> Signed By (Print Name and Provide Signature): <b>Kevin Summerville</b> Sign: <b>[Signature]</b> For DW only; results to be reported to state by lab? If yes, <input type="checkbox"/> Y <input type="checkbox"/> N Lab fee may apply: <input type="checkbox"/> Y <input type="checkbox"/> N		Facility ID: <b>PW-511</b> Quote Number:	
Contact Person: <b>Kevin Summerville</b> PWS ID: <b>PW-511</b> Reporting/Accreditation Requirements: <input type="checkbox"/> Ohio YAP <input type="checkbox"/> Ohio EPA Pb, Cu <input type="checkbox"/> Drinking Water Compliance <input type="checkbox"/> Other Compliance (List State/Program):	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) EPA; 7) none; 8) other (specify in comments)	Composite Sample: <b>Grab Sample</b> Date: <b>9/22/23</b> Time: <b>0830</b>	Number of Containers per Sample: <b>10</b> For DW Only: Special Compliance or Routine (S/R)
# <b>PW-511</b> Sample Point ID: <b>outside spigot</b> Date: <b>9/22/23</b> Time: <b>8:50</b> Received by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>10:20</b> Received at Summit by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>10:20</b> Carrier: <b>SET</b>	Notes / Comments: <b>524 - AC1, 8260 - HCl</b> <b>525.2 - unknown</b>
# <b>524</b> Sample Point ID: <b>8270</b> Date: <b>9/22/23</b> Time: <b>0830</b> Received by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Received at Summit by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Carrier: <b>SET</b>	Notes / Comments: <b>8260</b>
# <b>525.2</b> Sample Point ID: <b>8270</b> Date: <b>9/22/23</b> Time: <b>0830</b> Received by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Received at Summit by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Carrier: <b>SET</b>	Notes / Comments: <b>8260</b>
# <b>8260</b> Sample Point ID: <b>8270</b> Date: <b>9/22/23</b> Time: <b>0830</b> Received by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Received at Summit by: <b>[Signature]</b>	Date: <b>9/22/23</b> Time: <b>0830</b> Carrier: <b>SET</b>	Notes / Comments: <b>8260</b>
Rush Requested: <input type="checkbox"/> YES <input type="checkbox"/> NO Must be approved by Lab Manager			Received Temp.: <b>°C</b> Other Container: <input type="checkbox"/> YES <input type="checkbox"/> NO Ice Present? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Melted? <input type="checkbox"/> YES <input type="checkbox"/> NO







Summit Environmental Technologies, Inc.  
 3310 Win St.  
 Cuyahoga Falls, Ohio 44223  
 TEL: (330) 253-8211 FAX: (330) 253-4489  
 Website: <http://www.settek.com>

# Sample Log-In Check List

Client Name: **MAH-OH-44515** Work Order Number: **23091490** RcptNo: **1**

Logged by:	<b>Christina N. Gemma</b>	<b>9/22/2023 10:20:00 AM</b>	
Completed By:	<b>Christina N. Gemma</b>	<b>9/22/2023 2:18:06 PM</b>	
Reviewed By:	<b>Holly Florea</b>	<b>9/25/2023 9:11:38 AM</b>	

### Chain of Custody

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

### 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   
 No. Seal Date: 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	2.0	Good	Not Present			
2	2.3	Good	Not Present			
3	3.7	Good	Not Present			



Summit Environmental Technologies, Inc.  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

## Sample Log-In Check List

Client Name: **MAH-OH-44515**

Work Order Number: **23091490**

RcptNo: 1

4	2.4	Good	Not Present			
5	4.1	Good	Not Present			