



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

March 17, 2023

Colin White
OhioEPA-DDAGW
2110 East Aurora Road
Twinsburg, OH 44087
TEL: (614) 644-2759
FAX:

RE: Ohio EPA PWS-EP

Dear Colin White:

Order No.: 23030583

Summit Environmental Technologies, Inc. received 5 sample(s) on 3/8/2023 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>

Case Narrative

WO#: 23030583
Date: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

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.

Analytical Sequence Sample Notes:

23030583-001 through 005 VOC_DW(524.2): MB-R159587 exhibited detections for 1,3,5-Trimethylbenzene and sec-Butylbenzene > 1/2 PQL, but < PQL. Sample is ND for these analytes.

23030583-001 through 005 VOC-MSTR_NPW(8260D): CCV exhibited high recovery for 1,2,3-Trimethylbenzene, 2,2-Dichloropropane, and Allyl chloride. Investigative sample is ND for these analytes.

23030583-001 through 003 SVOC-MSTR_NPW(8270E): CCV exhibited high recovery for 2-Methylnaphthalene. Sample is ND for this analyte.

23030583-001 through 003 SVOC_DW(525.3): Possible low bias for several analytes due to low

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#: 23030583
Date: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

recoveries in LCS/LCSD-63551, confirmed by reanalysis.

23030583-001 through 003 svoc-mstr_npw(8270E): Z: Method Deviation: Sample result for 2-Butoxyethanol was quantitated against an Initial Calibration (ICAL) that was not verified by a second source due to lack of standard. Sample is ND for this analyte. Sample was extracted and analyzed without a Laboratory Control Sample (LCS) prepared from a second source for 2-Butoxyethanol due to lack of standard. Sample is ND for this analyte.

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>

Workorder Sample Summary

WO#: 23030583

17-Mar-23

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
23030583-001	SMW-1 EP Vic Sent. Well		3/8/2023 3:15:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-001	SMW-1 EP Vic Sent. Well		3/8/2023 3:15:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-001	SMW-1 EP Vic Sent. Well		3/8/2023 3:15:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-001	SMW-1 EP Vic Sent. Well		3/8/2023 3:15:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-001	SMW-1 EP Vic Sent. Well		3/8/2023 3:15:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-002	SMW-1 FB Field Blank		3/8/2023 3:00:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-002	SMW-1 FB Field Blank		3/8/2023 3:00:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-002	SMW-1 FB Field Blank		3/8/2023 3:00:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-002	SMW-1 FB Field Blank		3/8/2023 3:00:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-002	SMW-1 FB Field Blank		3/8/2023 3:00:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-003	SMW-1 Dupe Duplicate		3/8/2023 3:45:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-003	SMW-1 Dupe Duplicate		3/8/2023 3:45:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-003	SMW-1 Dupe Duplicate		3/8/2023 3:45:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-003	SMW-1 Dupe Duplicate		3/8/2023 3:45:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-003	SMW-1 Dupe Duplicate		3/8/2023 3:45:00 PM	3/8/2023 5:45:00 PM	Drinking Water
23030583-004	Trip Blank-1			3/8/2023 5:45:00 PM	Drinking Water
23030583-004	Trip Blank-1			3/8/2023 5:45:00 PM	Drinking Water
23030583-004	Trip Blank-1			3/8/2023 5:45:00 PM	Drinking Water
23030583-005	Trip Blank-2			3/8/2023 5:45:00 PM	Drinking Water
23030583-005	Trip Blank-2			3/8/2023 5:45:00 PM	Drinking Water
23030583-005	Trip Blank-2			3/8/2023 5:45:00 PM	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>

Analytical Report

(consolidated)

WO#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:15:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-001 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 EP Vic Sent. Well

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GLYCOLS (8015)		SW8015C			Analyst: JDB	
Diethylene glycol	ND	5000		µg/L	1	3/9/2023 4:05:00 PM
Ethylene glycol	ND	5000		µg/L	1	3/9/2023 4:05:00 PM
Propylene glycol	ND	5000		µg/L	1	3/9/2023 4:05:00 PM
Triethylene glycol	ND	5000		µg/L	1	3/9/2023 4:05:00 PM
EPA504.-DW		E504.1			Analyst: PGP	
EDB, DBCP, 123TCP BY GC (EPA 504.1)						
Dibromochloropropane	ND	0.0400		µg/L	1	3/15/2023 11:39:00 AM
Ethylene dibromide	ND	0.0200		µg/L	1	3/15/2023 11:39:00 AM
DRINKING WATER ORGANIC COMPOUNDS (EPA 525)		E525			Analyst: CSS	
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)						
2,4-Dinitrotoluene	ND	0.190		µg/L	1	3/15/2023 8:56:00 PM
Acenaphthylene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Anthracene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Benzo(a)anthracene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Benzo(a)pyrene	ND	0.0952	QL-	µg/L	1	3/15/2023 8:56:00 PM
Benzo(b)fluoranthene	ND	0.0952	QL-	µg/L	1	3/15/2023 8:56:00 PM
Benzo(g,h,i)perylene	ND	0.0952	QL-	µg/L	1	3/15/2023 8:56:00 PM
Benzo(k)fluoranthene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Bis(2-ethylhexyl) phthalate	ND	0.190	QL-	µg/L	1	3/15/2023 8:56:00 PM
Butyl benzyl phthalate	ND	0.190		µg/L	1	3/15/2023 8:56:00 PM
Chrysene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Dibenz(a,h)anthracene	ND	0.0952	QL-	µg/L	1	3/15/2023 8:56:00 PM
Diethyl phthalate	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Dimethyl phthalate	ND	0.190		µg/L	1	3/15/2023 8:56:00 PM
Di-n-butyl phthalate	ND	0.190		µg/L	1	3/15/2023 8:56:00 PM
Fluorene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Hexachlorobenzene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Hexachlorocyclopentadiene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.952	QL-	µg/L	1	3/15/2023 8:56:00 PM
Isophorone	ND	0.190	QL-	µg/L	1	3/15/2023 8:56:00 PM
Phenanthrene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 PM
Pyrene	ND	0.0952		µg/L	1	3/15/2023 8:56:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:15:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-001 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 EP Vic Sent. Well

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

Surr: 1,3-Dimethyl-2-nitrobenz...	72.0	70 - 130		%Rec	1	3/15/2023 8:56:00 PM
Surr: Benzo(a)pyrene-d12	80.0	70 - 130		%Rec	1	3/15/2023 8:56:00 PM
Surr: Triphenyl phosphate	105	70 - 130		%Rec	1	3/15/2023 8:56:00 PM

SVOC BY SW8270E					DF	Date Analyzed
SVOC BY 8270E					SW8270	SW3510C
						Analyst: JAP

Benzoic acid	ND	15.2		µg/L	1	3/12/2023 10:24:00 AM
2,6-Dinitrotoluene	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
2-Butoxyethanol	ND	28.6	Z	µg/L	1	3/16/2023 12:59:00 AM
2-Methylnaphthalene	ND	0.952	QC+	µg/L	1	3/12/2023 10:24:00 AM
3,3'-Dichlorobenzidine	ND	9.52		µg/L	1	3/12/2023 10:24:00 AM
4-Nitrophenol	ND	4.76		µg/L	1	3/12/2023 10:24:00 AM
Acenaphthene	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
Bis(2-chloroethyl) ether	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
Di-n-octyl phthalate	ND	4.76		µg/L	1	3/12/2023 10:24:00 AM
Fluoranthene	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
Naphthalene	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
Phenol	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
3&4-Methylphenol	ND	0.952		µg/L	1	3/12/2023 10:24:00 AM
Surr: 2-Fluorophenol	25.5	20 - 130		%Rec	1	3/12/2023 10:24:00 AM
Surr: Phenol-d6	26.0	20 - 130		%Rec	1	3/12/2023 10:24:00 AM
Surr: Nitrobenzene-d5	67.2	27.4 - 130		%Rec	1	3/12/2023 10:24:00 AM
Surr: 2,4,6-Tribromophenol	70.4	54.3 - 133		%Rec	1	3/12/2023 10:24:00 AM
Surr: 2-Fluorobiphenyl	78.5	25.6 - 130		%Rec	1	3/12/2023 10:24:00 AM
Surr: p-Terphenyl-d14	121	20 - 181		%Rec	1	3/12/2023 10:24:00 AM

DRINKING WATER VOCs (EPA 524.2)					DF	Date Analyzed
VOC-GC/MS (524.2)					E524.2	Analyst: ZDA

1,1,1,2-Tetrachloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,1,1-Trichloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,1,2,2-Tetrachloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,1,2-Trichloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/9/2023 8:25:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:15:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-001 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 EP Vic Sent. Well

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
1,1-Dichloropropene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2,3-Trichlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2,3-Trichloropropane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2,4-Trichlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2-Dichloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,3,5-Trimethylbenzene	ND	0.500	MB+	µg/L	1	3/9/2023 8:25:00 PM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
1,3-Dichloropropene, Total	ND	1.00		µg/L	1	3/9/2023 8:25:00 PM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
2-Chlorotoluene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/9/2023 8:25:00 PM
4-Chlorotoluene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	3/9/2023 8:25:00 PM
Acetone	ND	5.00		µg/L	1	3/9/2023 8:25:00 PM
Benzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Bromobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Bromodichloromethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Bromoform	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Bromomethane	ND	1.00		µg/L	1	3/9/2023 8:25:00 PM
Carbon tetrachloride	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chlorobenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chlorobromomethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chlorodibromomethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chloroethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chloroform	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Chloromethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Dibromomethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Dichlorodifluoromethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:15:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-001 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 EP Vic Sent. Well

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
Ethylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Isopropylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
m,p-Xylene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Methylene chloride	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
MTBE	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
n-Butylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
n-Propylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
o-Xylene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
p-Isopropyltoluene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
sec-Butylbenzene	ND	0.500	MB+	µg/L	1	3/9/2023 8:25:00 PM
Styrene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Tert-amyl methyl ether	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Tert-butyl Alcohol	ND	5.00		µg/L	1	3/9/2023 8:25:00 PM
tert-Butylbenzene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Tetrachloroethene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Toluene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
trans-1,3-Dichloropropene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Trichloroethene	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Trichlorofluoromethane	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Vinyl chloride	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Xylenes, Total	ND	0.500		µg/L	1	3/9/2023 8:25:00 PM
Surr: 1,2-Dichlorobenzene-d4	85.0	70 - 130		%Rec	1	3/9/2023 8:25:00 PM
Surr: 4-Bromofluorobenzene	83.8	70 - 130		%Rec	1	3/9/2023 8:25:00 PM

VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Freon-113	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
1,3-Butadiene	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
1,4-Dioxane	ND	25.0		µg/L	1	3/9/2023 6:13:00 PM
2,2-Dichloropropane	ND	5.00	QC+	µg/L	1	3/9/2023 6:13:00 PM
2-Butanone	ND	25.0		µg/L	1	3/9/2023 6:13:00 PM
2-Nitropropane	ND	50.0		µg/L	1	3/9/2023 6:13:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:15:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-001 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 EP Vic Sent. Well

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Acrylonitrile (2-propenenitrile)	ND	30.0		µg/L	1	3/9/2023 6:13:00 PM
Allyl chloride	ND	5.00	QC+	µg/L	1	3/9/2023 6:13:00 PM
Carbon disulfide	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Chloroprene	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Cyclohexanone	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Ethyl Ether	ND	10.0		µg/L	1	3/9/2023 6:13:00 PM
Epichlorohydrin	ND	20.0		µg/L	1	3/9/2023 6:13:00 PM
ETBE	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Ethyl acrylate	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Ethyl methacrylate	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Hexachloroethane	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Diisopropyl ether (DIPE)	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Methacrylonitrile	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Methyl acrylate	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Methyl methacrylate	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Propionitrile	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
trans-1,4-Dichloro-2-butene	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
Vinyl acetate	ND	5.00		µg/L	1	3/9/2023 6:13:00 PM
1,2,3-Trimethylbenzene	ND	5.00	QC+	µg/L	1	3/9/2023 6:13:00 PM
Surr: 4-Bromofluorobenzene	95.7	70 - 130		%Rec	1	3/9/2023 6:13:00 PM
Surr: Dibromofluoromethane	103	70 - 130		%Rec	1	3/9/2023 6:13:00 PM
Surr: Toluene-d8	98.6	70 - 130		%Rec	1	3/9/2023 6:13:00 PM

VOC TENTATIVELY IDENTIFIED COMPOUNDS (TICS)				SW8260	Analyst: ALS	
TIC: 1-Chlorobutane	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: 1-Methylnaphthalene	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: 2-Butyloxyethyl acetate	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: 2-Ethylhexyl acrylate	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: Benzyl chloride	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: Bromoethane	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: Chloroacetonitrile	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: n-Butyl acrylate	ND		J	µg/L	1	3/9/2023 6:13:00 PM
TIC: Pentachloroethane	ND		J	µg/L	1	3/9/2023 6:13:00 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					

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:00:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-002 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 FB Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GLYCOLS (8015)				SW8015C	Analyst: JDB	
Diethylene glycol	ND	5000		µg/L	1	3/9/2023 4:42:00 PM
Ethylene glycol	ND	5000		µg/L	1	3/9/2023 4:42:00 PM
Propylene glycol	ND	5000		µg/L	1	3/9/2023 4:42:00 PM
Triethylene glycol	ND	5000		µg/L	1	3/9/2023 4:42:00 PM
EPA504.-DW				E504.1	E504.1	Analyst: PGP
EDB, DBCP, 123TCP BY GC (EPA 504.1)						
Dibromochloropropane	ND	0.0400		µg/L	1	3/15/2023 12:40:00 PM
Ethylene dibromide	ND	0.0200		µg/L	1	3/15/2023 12:40:00 PM
DRINKING WATER ORGANIC COMPOUNDS (EPA 525)				E525	525	Analyst: CSS
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)						
2,4-Dinitrotoluene	ND	0.190		µg/L	1	3/16/2023 12:26:00 PM
Acenaphthylene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Anthracene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Benzo(a)anthracene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Benzo(a)pyrene	ND	0.0952	QL-	µg/L	1	3/16/2023 12:26:00 PM
Benzo(b)fluoranthene	ND	0.0952	QL-	µg/L	1	3/16/2023 12:26:00 PM
Benzo(g,h,i)perylene	ND	0.0952	QL-	µg/L	1	3/16/2023 12:26:00 PM
Benzo(k)fluoranthene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Bis(2-ethylhexyl) phthalate	0.143	0.190	JQL-	µg/L	1	3/16/2023 12:26:00 PM
Butyl benzyl phthalate	ND	0.190		µg/L	1	3/16/2023 12:26:00 PM
Chrysene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Dibenz(a,h)anthracene	ND	0.0952	QL-	µg/L	1	3/16/2023 12:26:00 PM
Diethyl phthalate	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Dimethyl phthalate	ND	0.190		µg/L	1	3/16/2023 12:26:00 PM
Di-n-butyl phthalate	ND	0.190		µg/L	1	3/16/2023 12:26:00 PM
Fluorene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Hexachlorobenzene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Hexachlorocyclopentadiene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.952	QL-	µg/L	1	3/16/2023 12:26:00 PM
Isophorone	ND	0.190	QL-	µg/L	1	3/16/2023 12:26:00 PM
Phenanthrene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 PM
Pyrene	ND	0.0952		µg/L	1	3/16/2023 12:26:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:00:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-002 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 FB Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER ORGANIC COMPOUNDS (EPA 525)				E525	525	Analyst: CSS
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)						
Surr: 1,3-Dimethyl-2-nitrobenz...	70.6	70	- 130	%Rec	1	3/16/2023 12:26:00 PM
Surr: Benzo(a)pyrene-d12	79.0	70	- 130	%Rec	1	3/16/2023 12:26:00 PM
Surr: Triphenyl phosphate	99.4	70	- 130	%Rec	1	3/16/2023 12:26:00 PM
SVOC BY SW8270E				SW8270	SW3510C	Analyst: JAP
SVOC BY 8270E						
Benzoic acid	ND	15.4		µg/L	1	3/12/2023 10:55:00 AM
2,6-Dinitrotoluene	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
2-Butoxyethanol	ND	28.8	Z	µg/L	1	3/16/2023 1:18:00 AM
2-Methylnaphthalene	ND	0.962	QC+	µg/L	1	3/12/2023 10:55:00 AM
3,3'-Dichlorobenzidine	ND	9.62		µg/L	1	3/12/2023 10:55:00 AM
4-Nitrophenol	ND	4.81		µg/L	1	3/12/2023 10:55:00 AM
Acenaphthene	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
Bis(2-chloroethyl) ether	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
Di-n-octyl phthalate	ND	4.81		µg/L	1	3/12/2023 10:55:00 AM
Fluoranthene	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
Naphthalene	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
Phenol	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
3&4-Methylphenol	ND	0.962		µg/L	1	3/12/2023 10:55:00 AM
Surr: 2-Fluorophenol	32.8	20	- 130	%Rec	1	3/12/2023 10:55:00 AM
Surr: Phenol-d6	21.4	20	- 130	%Rec	1	3/12/2023 10:55:00 AM
Surr: Nitrobenzene-d5	64.7	27.4	- 130	%Rec	1	3/12/2023 10:55:00 AM
Surr: 2,4,6-Tribromophenol	66.8	54.3	- 133	%Rec	1	3/12/2023 10:55:00 AM
Surr: 2-Fluorobiphenyl	71.8	25.6	- 130	%Rec	1	3/12/2023 10:55:00 AM
Surr: p-Terphenyl-d14	114	20	- 181	%Rec	1	3/12/2023 10:55:00 AM
DRINKING WATER VOCs (EPA 524.2)				E524.2		Analyst: ZDA
VOC-GC/MS (524.2)						
1,1,1,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,1,1-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,1,2,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,1,2-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:09:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date: 3/8/2023 3:00:00 PM

Project: Ohio EPA PWS-EP

Lab ID: 23030583-002

Matrix: DRINKING WATER

Client Sample ID: SMW-1 FB Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
1,1-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2,3-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2,3-Trichloropropane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2,4-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,3,5-Trimethylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 3:09:00 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
1,3-Dichloropropene, Total	ND	1.00		µg/L	1	3/10/2023 3:09:00 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
2-Hexanone	ND	5.00		µg/L	1	3/10/2023 3:09:00 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	3/10/2023 3:09:00 AM
Acetone	ND	5.00		µg/L	1	3/10/2023 3:09:00 AM
Benzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Bromobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Bromoform	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2023 3:09:00 AM
Carbon tetrachloride	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chlorobromomethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chlorodibromomethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chloroethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chloroform	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Chloromethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Dibromomethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Dichlorodifluoromethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:00:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-002 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 FB Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
Ethylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
m,p-Xylene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Methylene chloride	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
MTBE	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
o-Xylene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
p-Isopropyltoluene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
sec-Butylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 3:09:00 AM
Styrene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Tert-amyl methyl ether	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Tert-butyl Alcohol	ND	5.00		µg/L	1	3/10/2023 3:09:00 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Tetrachloroethene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Toluene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
trans-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Trichloroethene	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Trichlorofluoromethane	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Vinyl chloride	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Xylenes, Total	ND	0.500		µg/L	1	3/10/2023 3:09:00 AM
Surr: 1,2-Dichlorobenzene-d4	83.2	70 - 130		%Rec	1	3/10/2023 3:09:00 AM
Surr: 4-Bromofluorobenzene	79.7	70 - 130		%Rec	1	3/10/2023 3:09:00 AM

VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Freon-113	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
1,3-Butadiene	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
1,4-Dioxane	ND	25.0		µg/L	1	3/9/2023 5:01:00 PM
2,2-Dichloropropane	ND	5.00	QC+	µg/L	1	3/9/2023 5:01:00 PM
2-Butanone	ND	25.0		µg/L	1	3/9/2023 5:01:00 PM
2-Nitropropane	ND	50.0		µg/L	1	3/9/2023 5:01:00 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					

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:00:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-002 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 FB Field Blank

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Acrylonitrile (2-propenenitrile)	ND	30.0		µg/L	1	3/9/2023 5:01:00 PM
Allyl chloride	ND	5.00	QC+	µg/L	1	3/9/2023 5:01:00 PM
Carbon disulfide	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Chloroprene	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Cyclohexanone	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Ethyl Ether	ND	10.0		µg/L	1	3/9/2023 5:01:00 PM
Epichlorohydrin	ND	20.0		µg/L	1	3/9/2023 5:01:00 PM
ETBE	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Ethyl acrylate	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Ethyl methacrylate	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Hexachloroethane	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Diisopropyl ether (DIPE)	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Methacrylonitrile	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Methyl acrylate	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Methyl methacrylate	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Propionitrile	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
trans-1,4-Dichloro-2-butene	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
Vinyl acetate	ND	5.00		µg/L	1	3/9/2023 5:01:00 PM
1,2,3-Trimethylbenzene	ND	5.00	QC+	µg/L	1	3/9/2023 5:01:00 PM
Surr: 4-Bromofluorobenzene	97.0	70 - 130		%Rec	1	3/9/2023 5:01:00 PM
Surr: Dibromofluoromethane	102	70 - 130		%Rec	1	3/9/2023 5:01:00 PM
Surr: Toluene-d8	99.3	70 - 130		%Rec	1	3/9/2023 5:01:00 PM

VOC TENTATIVELY IDENTIFIED COMPOUNDS (TICS)				SW8260	Analyst: ALS	
TIC: 1-Chlorobutane	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: 1-Methylnaphthalene	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: 2-Butyloxyethyl acetate	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: 2-Ethylhexyl acrylate	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: Benzyl chloride	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: Bromoethane	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: Chloroacetonitrile	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: n-Butyl acrylate	ND		J	µg/L	1	3/9/2023 5:01:00 PM
TIC: Pentachloroethane	ND		J	µg/L	1	3/9/2023 5:01:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:45:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-003 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 Dupe Duplicate

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GLYCOLS (8015)		SW8015C			Analyst: JDB	
Diethylene glycol	ND	5000		µg/L	1	3/9/2023 5:19:00 PM
Ethylene glycol	ND	5000		µg/L	1	3/9/2023 5:19:00 PM
Propylene glycol	ND	5000		µg/L	1	3/9/2023 5:19:00 PM
Triethylene glycol	ND	5000		µg/L	1	3/9/2023 5:19:00 PM
EPA504.-DW		E504.1			Analyst: PGP	
EDB, DBCP, 123TCP BY GC (EPA 504.1)						
Dibromochloropropane	ND	0.0400		µg/L	1	3/15/2023 1:01:00 PM
Ethylene dibromide	ND	0.0200		µg/L	1	3/15/2023 1:01:00 PM
DRINKING WATER ORGANIC COMPOUNDS (EPA 525)		E525			Analyst: CSS	
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)						
2,4-Dinitrotoluene	ND	0.190		µg/L	1	3/15/2023 10:29:00 PM
Acenaphthylene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Anthracene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Benzo(a)anthracene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Benzo(a)pyrene	ND	0.0952	QL-	µg/L	1	3/15/2023 10:29:00 PM
Benzo(b)fluoranthene	ND	0.0952	QL-	µg/L	1	3/15/2023 10:29:00 PM
Benzo(g,h,i)perylene	ND	0.0952	QL-	µg/L	1	3/15/2023 10:29:00 PM
Benzo(k)fluoranthene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Bis(2-ethylhexyl) phthalate	ND	0.190	QL-	µg/L	1	3/15/2023 10:29:00 PM
Butyl benzyl phthalate	ND	0.190		µg/L	1	3/15/2023 10:29:00 PM
Chrysene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Dibenz(a,h)anthracene	ND	0.0952	QL-	µg/L	1	3/15/2023 10:29:00 PM
Diethyl phthalate	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Dimethyl phthalate	ND	0.190		µg/L	1	3/15/2023 10:29:00 PM
Di-n-butyl phthalate	ND	0.190		µg/L	1	3/15/2023 10:29:00 PM
Fluorene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Hexachlorobenzene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Hexachlorocyclopentadiene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.952	QL-	µg/L	1	3/15/2023 10:29:00 PM
Isophorone	ND	0.190	QL-	µg/L	1	3/15/2023 10:29:00 PM
Phenanthrene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 PM
Pyrene	ND	0.0952		µg/L	1	3/15/2023 10:29:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:45:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-003 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 Dupe Duplicate

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER ORGANIC COMPOUNDS (EPA 525)					E525	525
SYNTHETIC ORGANIC COMPOUNDS BY GC/MS (EPA 525.3)						Analyst: CSS
Surr: 1,3-Dimethyl-2-nitrobenz...	71.6	70	- 130	%Rec	1	3/15/2023 10:29:00 PM
Surr: Benzo(a)pyrene-d12	82.8	70	- 130	%Rec	1	3/15/2023 10:29:00 PM
Surr: Triphenyl phosphate	104	70	- 130	%Rec	1	3/15/2023 10:29:00 PM
SVOC BY SW8270E					SW8270	SW3510C
SVOC BY 8270E						Analyst: JAP
Benzoic acid	ND	15.4		µg/L	1	3/12/2023 11:27:00 AM
2,6-Dinitrotoluene	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
2-Butoxyethanol	ND	28.8	Z	µg/L	1	3/16/2023 1:38:00 AM
2-Methylnaphthalene	ND	0.962	QC+	µg/L	1	3/12/2023 11:27:00 AM
3,3'-Dichlorobenzidine	ND	9.62		µg/L	1	3/12/2023 11:27:00 AM
4-Nitrophenol	ND	4.81		µg/L	1	3/12/2023 11:27:00 AM
Acenaphthene	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
Bis(2-chloroethyl) ether	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
Di-n-octyl phthalate	ND	4.81		µg/L	1	3/12/2023 11:27:00 AM
Fluoranthene	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
Naphthalene	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
Phenol	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
3&4-Methylphenol	ND	0.962		µg/L	1	3/12/2023 11:27:00 AM
Surr: 2-Fluorophenol	39.3	20	- 130	%Rec	1	3/12/2023 11:27:00 AM
Surr: Phenol-d6	24.4	20	- 130	%Rec	1	3/12/2023 11:27:00 AM
Surr: Nitrobenzene-d5	72.1	27.4	- 130	%Rec	1	3/12/2023 11:27:00 AM
Surr: 2,4,6-Tribromophenol	78.6	54.3	- 133	%Rec	1	3/12/2023 11:27:00 AM
Surr: 2-Fluorobiphenyl	81.2	25.6	- 130	%Rec	1	3/12/2023 11:27:00 AM
Surr: p-Terphenyl-d14	122	20	- 181	%Rec	1	3/12/2023 11:27:00 AM
DRINKING WATER VOCs (EPA 524.2)					E524.2	Analyst: ZDA
VOC-GC/MS (524.2)						
1,1,1,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,1,1-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,1,2,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,1,2-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:38:00 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	

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date: 3/8/2023 3:45:00 PM

Project: Ohio EPA PWS-EP

Lab ID: 23030583-003

Matrix: DRINKING WATER

Client Sample ID: SMW-1 Dupe Duplicate

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
1,1-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2,3-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2,3-Trichloropropane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2,4-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,3,5-Trimethylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 3:38:00 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
1,3-Dichloropropene, Total	ND	1.00		µg/L	1	3/10/2023 3:38:00 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
2-Hexanone	ND	5.00		µg/L	1	3/10/2023 3:38:00 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	3/10/2023 3:38:00 AM
Acetone	ND	5.00		µg/L	1	3/10/2023 3:38:00 AM
Benzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Bromobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Bromoform	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2023 3:38:00 AM
Carbon tetrachloride	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chlorobenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chlorobromomethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chlorodibromomethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chloroethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chloroform	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Chloromethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Dibromomethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Dichlorodifluoromethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date: 3/8/2023 3:45:00 PM

Project: Ohio EPA PWS-EP

Lab ID: 23030583-003

Matrix: DRINKING WATER

Client Sample ID: SMW-1 Dupe Duplicate

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
Ethylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
m,p-Xylene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Methylene chloride	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
MTBE	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
o-Xylene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
p-Isopropyltoluene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
sec-Butylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 3:38:00 AM
Styrene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Tert-amyl methyl ether	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Tert-butyl Alcohol	ND	5.00		µg/L	1	3/10/2023 3:38:00 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Tetrachloroethene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Toluene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
trans-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Trichloroethene	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Trichlorofluoromethane	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Vinyl chloride	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Xylenes, Total	ND	0.500		µg/L	1	3/10/2023 3:38:00 AM
Surr: 1,2-Dichlorobenzene-d4	86.6	70 - 130		%Rec	1	3/10/2023 3:38:00 AM
Surr: 4-Bromofluorobenzene	81.6	70 - 130		%Rec	1	3/10/2023 3:38:00 AM

VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Freon-113	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
1,3-Butadiene	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
1,4-Dioxane	ND	25.0		µg/L	1	3/9/2023 6:37:00 PM
2,2-Dichloropropane	ND	5.00	QC+	µg/L	1	3/9/2023 6:37:00 PM
2-Butanone	ND	25.0		µg/L	1	3/9/2023 6:37:00 PM
2-Nitropropane	ND	50.0		µg/L	1	3/9/2023 6:37:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW **Collection Date:** 3/8/2023 3:45:00 PM
Project: Ohio EPA PWS-EP
Lab ID: 23030583-003 **Matrix:** DRINKING WATER
Client Sample ID: SMW-1 Dupe Duplicate

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOC ANALYSIS (8260D)				SW8260	Analyst: ALS	
VOC BY GC/MS (8260D)						
Acrylonitrile (2-propenenitrile)	ND	30.0		µg/L	1	3/9/2023 6:37:00 PM
Allyl chloride	ND	5.00	QC+	µg/L	1	3/9/2023 6:37:00 PM
Carbon disulfide	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Chloroprene	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Cyclohexanone	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Ethyl Ether	ND	10.0		µg/L	1	3/9/2023 6:37:00 PM
Epichlorohydrin	ND	20.0		µg/L	1	3/9/2023 6:37:00 PM
ETBE	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Ethyl acrylate	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Ethyl methacrylate	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Hexachloroethane	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Diisopropyl ether (DIPE)	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Methacrylonitrile	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Methyl acrylate	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Methyl methacrylate	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Propionitrile	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
trans-1,4-Dichloro-2-butene	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
Vinyl acetate	ND	5.00		µg/L	1	3/9/2023 6:37:00 PM
1,2,3-Trimethylbenzene	ND	5.00	QC+	µg/L	1	3/9/2023 6:37:00 PM
Surr: 4-Bromofluorobenzene	95.9	70 - 130		%Rec	1	3/9/2023 6:37:00 PM
Surr: Dibromofluoromethane	103	70 - 130		%Rec	1	3/9/2023 6:37:00 PM
Surr: Toluene-d8	100	70 - 130		%Rec	1	3/9/2023 6:37:00 PM

VOC TENTATIVELY IDENTIFIED COMPOUNDS (TICS)				SW8260	Analyst: ALS	
TIC: 1-Chlorobutane	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: 1-Methylnaphthalene	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: 2-Butyloxyethyl acetate	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: 2-Ethylhexyl acrylate	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: Benzyl chloride	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: Bromoethane	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: Chloroacetonitrile	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: n-Butyl acrylate	ND		J	µg/L	1	3/9/2023 6:37:00 PM
TIC: Pentachloroethane	ND		J	µg/L	1	3/9/2023 6:37:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date:

Project: Ohio EPA PWS-EP

Lab ID: 23030583-004

Matrix: DRINKING WATER

Client Sample ID: Trip Blank-1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA504.-DW					E504.1	E504.1
EDB, DBCP, 123TCP BY GC (EPA 504.1)						Analyst: PGP
Dibromochloropropane	ND	0.0400		µg/L	1	3/15/2023 1:22:00 PM
Ethylene dibromide	ND	0.0200		µg/L	1	3/15/2023 1:22:00 PM
DRINKING WATER VOCS (EPA 524.2)					E524.2	Analyst: ZDA
VOC-GC/MS (524.2)						
1,1,1,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1,1-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1,2-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2,3-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2,3-Trichloropropane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2,4-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,3,5-Trimethylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 1:14:00 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
1,3-Dichloropropene, Total	ND	1.00		µg/L	1	3/10/2023 1:14:00 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
2-Hexanone	ND	5.00		µg/L	1	3/10/2023 1:14:00 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	3/10/2023 1:14:00 AM
Acetone	ND	5.00		µg/L	1	3/10/2023 1:14:00 AM
Benzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Bromobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Bromoform	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2023 1:14:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP
Lab ID: 23030583-004
Client Sample ID: Trip Blank-1

Collection Date:
Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
Carbon tetrachloride	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chlorobromomethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chlorodibromomethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chloroethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chloroform	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Chloromethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Dibromomethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Dichlorodifluoromethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Ethylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
m,p-Xylene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Methylene chloride	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
MTBE	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
o-Xylene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
p-Isopropyltoluene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
sec-Butylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 1:14:00 AM
Styrene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Tert-amyl methyl ether	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Tert-butyl Alcohol	ND	5.00		µg/L	1	3/10/2023 1:14:00 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Tetrachloroethene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Toluene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
trans-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Trichloroethene	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Trichlorofluoromethane	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Vinyl chloride	ND	0.500		µg/L	1	3/10/2023 1:14:00 AM
Xylenes, Total	ND	0.500		µg/L	1	3/10/2023 1:14:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP
Lab ID: 23030583-004
Client Sample ID: Trip Blank-1

Collection Date:
Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2		Analyst: ZDA
VOC-GC/MS (524.2)						
Surr: 1,2-Dichlorobenzene-d4	85.2	70 - 130		%Rec	1	3/10/2023 1:14:00 AM
Surr: 4-Bromofluorobenzene	83.5	70 - 130		%Rec	1	3/10/2023 1:14:00 AM
VOC ANALYSIS (8260D)				SW8260		Analyst: ALS
VOC BY GC/MS (8260D)						
Freon-113	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
1,3-Butadiene	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
1,4-Dioxane	ND	25.0		µg/L	1	3/9/2023 3:01:00 PM
2,2-Dichloropropane	ND	5.00	QC+	µg/L	1	3/9/2023 3:01:00 PM
2-Butanone	ND	25.0		µg/L	1	3/9/2023 3:01:00 PM
2-Nitropropane	ND	50.0		µg/L	1	3/9/2023 3:01:00 PM
Acrylonitrile (2-propenenitrile)	ND	30.0		µg/L	1	3/9/2023 3:01:00 PM
Allyl chloride	ND	5.00	QC+	µg/L	1	3/9/2023 3:01:00 PM
Carbon disulfide	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Chloroprene	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Cyclohexanone	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Ethyl Ether	ND	10.0		µg/L	1	3/9/2023 3:01:00 PM
Epichlorohydrin	ND	20.0		µg/L	1	3/9/2023 3:01:00 PM
ETBE	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Ethyl acrylate	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Ethyl methacrylate	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Hexachloroethane	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Diisopropyl ether (DIPE)	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Methacrylonitrile	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Methyl acrylate	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Methyl methacrylate	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Propionitrile	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
trans-1,4-Dichloro-2-butene	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
Vinyl acetate	ND	5.00		µg/L	1	3/9/2023 3:01:00 PM
1,2,3-Trimethylbenzene	ND	5.00	QC+	µg/L	1	3/9/2023 3:01:00 PM
Surr: 4-Bromofluorobenzene	97.9	70 - 130		%Rec	1	3/9/2023 3:01:00 PM
Surr: Dibromofluoromethane	100	70 - 130		%Rec	1	3/9/2023 3:01:00 PM
Surr: Toluene-d8	98.7	70 - 130		%Rec	1	3/9/2023 3:01:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date:

Project: Ohio EPA PWS-EP

Lab ID: 23030583-004

Matrix: DRINKING WATER

Client Sample ID: Trip Blank-1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOC TENTATIVELY IDENTIFIED COMPOUNDS (TICS)		SW8260			Analyst: ALS	
TIC: 1-Chlorobutane	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: 1-Methylnaphthalene	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: 2-Butyloxyethyl acetate	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: 2-Ethylhexyl acrylate	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: Benzyl chloride	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: Bromoethane	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: Chloroacetonitrile	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: n-Butyl acrylate	ND	J		µg/L	1	3/9/2023 3:01:00 PM
TIC: Pentachloroethane	ND	J		µg/L	1	3/9/2023 3:01:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP
Lab ID: 23030583-005
Client Sample ID: Trip Blank-2

Collection Date:

Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA504.-DW					E504.1	E504.1
EDB, DBCP, 123TCP BY GC (EPA 504.1)						Analyst: PGP
Dibromochloropropane	ND	0.0400		µg/L	1	3/15/2023 1:42:00 PM
Ethylene dibromide	ND	0.0200		µg/L	1	3/15/2023 1:42:00 PM
DRINKING WATER VOCS (EPA 524.2)					E524.2	Analyst: ZDA
VOC-GC/MS (524.2)						
1,1,1,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1,1-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1,2,2-Tetrachloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1,2-Trichloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,1-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2,3-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2,3-Trichloropropane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2,4-Trichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2,4-Trimethylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2-Dichloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,2-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,3,5-Trimethylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 1:43:00 AM
1,3-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,3-Dichloropropane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
1,3-Dichloropropene, Total	ND	1.00		µg/L	1	3/10/2023 1:43:00 AM
1,4-Dichlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
2-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
2-Hexanone	ND	5.00		µg/L	1	3/10/2023 1:43:00 AM
4-Chlorotoluene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	3/10/2023 1:43:00 AM
Acetone	ND	5.00		µg/L	1	3/10/2023 1:43:00 AM
Benzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Bromobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Bromodichloromethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Bromoform	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2023 1:43:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP
Lab ID: 23030583-005
Client Sample ID: Trip Blank-2

Collection Date:

Matrix: DRINKING WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2	Analyst: ZDA	
VOC-GC/MS (524.2)						
Carbon tetrachloride	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chlorobenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chlorobromomethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chlorodibromomethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chloroethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chloroform	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Chloromethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
cis-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
cis-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Dibromomethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Dichlorodifluoromethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Ethylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Hexachloro-1,3-butadiene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Isopropylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
m,p-Xylene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Methylene chloride	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
MTBE	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
n-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
n-Propylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
o-Xylene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
p-Isopropyltoluene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
sec-Butylbenzene	ND	0.500	MB+	µg/L	1	3/10/2023 1:43:00 AM
Styrene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Tert-amyl methyl ether	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Tert-butyl Alcohol	ND	5.00		µg/L	1	3/10/2023 1:43:00 AM
tert-Butylbenzene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Tetrachloroethene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Toluene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
trans-1,2-Dichloroethene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
trans-1,3-Dichloropropene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Trichloroethene	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Trichlorofluoromethane	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Vinyl chloride	ND	0.500		µg/L	1	3/10/2023 1:43:00 AM
Xylenes, Total	ND	0.500		µg/L	1	3/10/2023 1:43:00 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		

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#: 23030583

Date Reported: 3/17/2023

CLIENT: OhioEPA-DDAGW

Collection Date:

Project: Ohio EPA PWS-EP

Lab ID: 23030583-005

Matrix: DRINKING WATER

Client Sample ID: Trip Blank-2

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DRINKING WATER VOCS (EPA 524.2)				E524.2		Analyst: ZDA
VOC-GC/MS (524.2)						
Surr: 1,2-Dichlorobenzene-d4	84.2	70	-	%Rec	1	3/10/2023 1:43:00 AM
Surr: 4-Bromofluorobenzene	81.1	70	-	%Rec	1	3/10/2023 1:43:00 AM
VOC ANALYSIS (8260D)				SW8260		Analyst: ALS
VOC BY GC/MS (8260D)						
Freon-113	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
1,3-Butadiene	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
1,4-Dioxane	ND	25.0		µg/L	1	3/9/2023 3:25:00 PM
2,2-Dichloropropane	ND	5.00	QC+	µg/L	1	3/9/2023 3:25:00 PM
2-Butanone	ND	25.0		µg/L	1	3/9/2023 3:25:00 PM
2-Nitropropane	ND	50.0		µg/L	1	3/9/2023 3:25:00 PM
Acrylonitrile (2-propenenitrile)	ND	30.0		µg/L	1	3/9/2023 3:25:00 PM
Allyl chloride	ND	5.00	QC+	µg/L	1	3/9/2023 3:25:00 PM
Carbon disulfide	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Chloroprene	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Cyclohexanone	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Ethyl Ether	ND	10.0		µg/L	1	3/9/2023 3:25:00 PM
Epichlorohydrin	ND	20.0		µg/L	1	3/9/2023 3:25:00 PM
ETBE	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Ethyl acrylate	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Ethyl methacrylate	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Hexachloroethane	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Diisopropyl ether (DIPE)	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Methacrylonitrile	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Methyl acrylate	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Methyl methacrylate	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Propionitrile	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
trans-1,4-Dichloro-2-butene	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
Vinyl acetate	ND	5.00		µg/L	1	3/9/2023 3:25:00 PM
1,2,3-Trimethylbenzene	ND	5.00	QC+	µg/L	1	3/9/2023 3:25:00 PM
Surr: 4-Bromofluorobenzene	99.6	70	-	%Rec	1	3/9/2023 3:25:00 PM
Surr: Dibromofluoromethane	102	70	-	%Rec	1	3/9/2023 3:25:00 PM
Surr: Toluene-d8	98.8	70	-	%Rec	1	3/9/2023 3:25:00 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		

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#: **23030583**

Date Reported: **3/17/2023**

CLIENT: OhioEPA-DDAGW

Collection Date:

Project: Ohio EPA PWS-EP

Lab ID: 23030583-005

Matrix: DRINKING WATER

Client Sample ID: Trip Blank-2

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

VOC TENTATIVELY IDENTIFIED COMPOUNDS (TICS)

SW8260

Analyst: **ALS**

TIC: 1-Chlorobutane	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: 1-Methylnaphthalene	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: 2-Butyloxyethyl acetate	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: 2-Ethylhexyl acrylate	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: Benzyl chloride	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: Bromoethane	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: Chloroacetonitrile	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: n-Butyl acrylate	ND		J	µg/L	1	3/9/2023 3:25:00 PM
TIC: Pentachloroethane	ND		J	µg/L	1	3/9/2023 3:25:00 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		

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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW

Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: MB-63400	SampType: MBLK	TestCode: svoc-mstr_n	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159932						
Client ID: PBW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/15/2023	SeqNo: 4250167						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butoxyethanol	ND	30.0		0	0						

Qualifiers:

- | | | | | | |
|---|-----------------------------------------------------------------------|----|----------------------------------------------------|----|-------------------------------------------------|
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| 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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: MB-63400	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159879						
Client ID: PBW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4249035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	5.00		0	0						
2-Methylnaphthalene	ND	5.00		0	0						
3,3'-Dichlorobenzidine	ND	20.0		0	0						
4-Nitrophenol	ND	5.00		0	0						
Acenaphthene	ND	5.00		0	0						
Bis(2-chloroethyl) ether	ND	5.00		0	0						
Di-n-octyl phthalate	ND	5.00		0	0						
Fluoranthene	ND	5.00		0	0						
Naphthalene	ND	5.00		0	0						
Phenol	ND	20.0		0	0						
3&4-Methylphenol	ND	5.00		0	0						
Surr: 2-Fluorophenol	0.0300		0.05000		60.0	20	130				
Surr: Phenol-d6	0.0188		0.05000		37.5	20	130				
Surr: Nitrobenzene-d5	0.0413		0.05000		82.6	27.4	130				
Surr: 2,4,6-Tribromophenol	0.0449		0.05000		89.7	54.3	133				
Surr: 2-Fluorobiphenyl	0.0438		0.05000		87.6	25.6	130				
Surr: p-Terphenyl-d14	0.0530		0.05000		106	20	181				

Sample ID: LCS-63400	SampType: LCS	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159879						
Client ID: LCSW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4249036						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	42.0	5.00	40.0	0	105	64.9	130				
2-Methylnaphthalene	38.5	5.00	40.0	0	96.4	32.8	130				
3,3'-Dichlorobenzidine	76.9	20.0	80.0	0	96.1	10	281				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: LCS-63400	SampType: LCS	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159879						
Client ID: LCSW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4249036						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	24.7	5.00	40.0	0	61.8	25.1	130				
Acenaphthene	41.6	5.00	40.0	0	104	43.7	130				
Bis(2-chloroethyl) ether	34.3	5.00	40.0	0	85.8	15.6	130				
Di-n-octyl phthalate	42.4	5.00	40.0	0	106	70	140				
Fluoranthene	40.6	5.00	40.0	0	101	64.9	130				
Naphthalene	37.7	5.00	40.0	0	94.2	27.2	130				
Phenol	18.8	20.0	40.0	0	46.9	10	130				J
3&4-Methylphenol	35.2	5.00	40.0	0	88.0	29.7	130				
Surr: 2-Fluorophenol	0.0274		0.05000		54.7	20	130				
Surr: Phenol-d6	0.0176		0.05000		35.3	20	130				
Surr: Nitrobenzene-d5	0.0374		0.05000		74.7	27.4	130				
Surr: 2,4,6-Tribromophenol	0.0432		0.05000		86.3	54.3	133				
Surr: 2-Fluorobiphenyl	0.0408		0.05000		81.7	25.6	130				
Surr: p-Terphenyl-d14	0.0485		0.05000		97.1	20	181				

Sample ID: LCSD-63400	SampType: LCSD	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159879						
Client ID: LCSS02	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4249037						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	41.9	5.00	40.0	0	105	64.9	130	42.0	0.262	30	
2-Methylnaphthalene	39.0	5.00	40.0	0	97.6	32.8	130	38.5	1.24	30	
3,3'-Dichlorobenzidine	80.5	20.0	80.0	0	101	10	281	76.9	4.52	30	
4-Nitrophenol	25.1	5.00	40.0	0	62.8	25.1	130	24.7	1.57	30	
Acenaphthene	41.9	5.00	40.0	0	105	43.7	130	41.6	0.838	30	
Bis(2-chloroethyl) ether	34.1	5.00	40.0	0	85.2	15.6	130	34.3	0.673	30	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: LCSD-63400	SampType: LCSD	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159879						
Client ID: LCSS02	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4249037						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	43.6	5.00	40.0	0	109	70	140	42.4	2.70	30	
Fluoranthene	40.8	5.00	40.0	0	102	64.9	130	40.6	0.418	30	
Naphthalene	38.4	5.00	40.0	0	96.0	27.2	130	37.7	1.95	30	
Phenol	18.5	20.0	40.0	0	46.1	10	130	18.8	1.61	30	J
3&4-Methylphenol	34.6	5.00	40.0	0	86.6	29.7	130	35.2	1.52	30	
Surr: 2-Fluorophenol	0.0268		0.05000		53.6	20	130		0		
Surr: Phenol-d6	0.0174		0.05000		34.7	20	130		0		
Surr: Nitrobenzene-d5	0.0390		0.05000		78.0	27.4	130		0		
Surr: 2,4,6-Tribromophenol	0.0430		0.05000		86.1	54.3	133		0		
Surr: 2-Fluorobiphenyl	0.0425		0.05000		85.0	25.6	130		0		
Surr: p-Terphenyl-d14	0.0480		0.05000		96.0	20	181		0		

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: MB-63400	SampType: MBLK	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159645						
Client ID: PBW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4243114						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	5.00		0	0						
2-Methylnaphthalene	ND	5.00		0	0						
3,3'-Dichlorobenzidine	ND	20.0		0	0						
4-Nitrophenol	ND	5.00		0	0						
Acenaphthene	ND	5.00		0	0						
Bis(2-chloroethyl) ether	ND	5.00		0	0						
Di-n-octyl phthalate	ND	5.00		0	0						
Fluoranthene	ND	5.00		0	0						
Naphthalene	ND	5.00		0	0						
Phenol	ND	20.0		0	0						
3&4-Methylphenol	ND	5.00		0	0						
Surr: 2-Fluorophenol	0.0300		0.05000		60.0	20	130				
Surr: Phenol-d6	0.0188		0.05000		37.5	20	130				
Surr: Nitrobenzene-d5	0.0413		0.05000		82.6	27.4	130				
Surr: 2,4,6-Tribromophenol	0.0449		0.05000		89.7	54.3	133				
Surr: 2-Fluorobiphenyl	0.0438		0.05000		87.6	25.6	130				
Surr: p-Terphenyl-d14	0.0530		0.05000		106	20	181				

Sample ID: LCS-63400	SampType: LCS	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159645						
Client ID: LCSW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4243115						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	42.0	5.00	40.0	0	105	64.9	130				
2-Methylnaphthalene	38.5	5.00	40.0	0	96.4	32.8	130				
3,3'-Dichlorobenzidine	76.9	20.0	80.0	0	96.1	10	281				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: LCS-63400	SampType: LCS	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159645						
Client ID: LCSW	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4243115						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	24.7	5.00	40.0	0	61.8	25.1	130				
Acenaphthene	41.6	5.00	40.0	0	104	43.7	130				
Bis(2-chloroethyl) ether	34.3	5.00	40.0	0	85.8	15.6	130				
Di-n-octyl phthalate	42.4	5.00	40.0	0	106	70	140				
Fluoranthene	40.6	5.00	40.0	0	101	64.9	130				
Naphthalene	37.7	5.00	40.0	0	94.2	27.2	130				
Phenol	18.8	20.0	40.0	0	46.9	10	130				J
3&4-Methylphenol	35.2	5.00	40.0	0	88.0	29.7	130				
Surr: 2-Fluorophenol	0.0274		0.05000		54.7	20	130				
Surr: Phenol-d6	0.0176		0.05000		35.3	20	130				
Surr: Nitrobenzene-d5	0.0374		0.05000		74.7	27.4	130				
Surr: 2,4,6-Tribromophenol	0.0432		0.05000		86.3	54.3	133				
Surr: 2-Fluorobiphenyl	0.0408		0.05000		81.7	25.6	130				
Surr: p-Terphenyl-d14	0.0485		0.05000		97.1	20	181				

Sample ID: LCSD-63400	SampType: LCSD	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159645						
Client ID: LCSS02	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4243116						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	41.9	5.00	40.0	0	105	64.9	130	42.0	0.262	30	
2-Methylnaphthalene	39.0	5.00	40.0	0	97.6	32.8	130	38.5	1.24	30	
3,3'-Dichlorobenzidine	80.5	20.0	80.0	0	101	10	281	76.9	4.52	30	
4-Nitrophenol	25.1	5.00	40.0	0	62.8	25.1	130	24.7	1.57	30	
Acenaphthene	41.9	5.00	40.0	0	105	43.7	130	41.6	0.838	30	
Bis(2-chloroethyl) ether	34.1	5.00	40.0	0	85.2	15.6	130	34.3	0.673	30	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63400

Sample ID: LCSD-63400	SampType: LCSD	TestCode: SVOC-MSTR	Units: µg/L	Prep Date: 3/9/2023	RunNo: 159645						
Client ID: LCSS02	Batch ID: 63400	TestNo: SW8270	SW3510C	Analysis Date: 3/10/2023	SeqNo: 4243116						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-octyl phthalate	43.6	5.00	40.0	0	109	70	140	42.4	2.70	30	
Fluoranthene	40.8	5.00	40.0	0	102	64.9	130	40.6	0.418	30	
Naphthalene	38.4	5.00	40.0	0	96.0	27.2	130	37.7	1.95	30	
Phenol	18.5	20.0	40.0	0	46.1	10	130	18.8	1.61	30	J
3&4-Methylphenol	34.6	5.00	40.0	0	86.6	29.7	130	35.2	1.52	30	
Surr: 2-Fluorophenol	0.0268		0.05000		53.6	20	130		0		
Surr: Phenol-d6	0.0174		0.05000		34.7	20	130		0		
Surr: Nitrobenzene-d5	0.0390		0.05000		78.0	27.4	130		0		
Surr: 2,4,6-Tribromophenol	0.0430		0.05000		86.1	54.3	133		0		
Surr: 2-Fluorobiphenyl	0.0425		0.05000		85.0	25.6	130		0		
Surr: p-Terphenyl-d14	0.0480		0.05000		96.0	20	181		0		

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63525

Sample ID: MB-63525	SampType: MBLK	TestCode: SVOC_DW(50	Units: µg/L	Prep Date: 3/14/2023	RunNo: 159970						
Client ID: PBW	Batch ID: 63525	TestNo: E504.1	E504.1	Analysis Date: 3/15/2023	SeqNo: 4251564						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloropropane	ND	0.0200									
Ethylene dibromide	ND	0.0100									

Sample ID: LCS-63525	SampType: LCS	TestCode: SVOC_DW(50	Units: µg/L	Prep Date: 3/14/2023	RunNo: 159970						
Client ID: LCSW	Batch ID: 63525	TestNo: E504.1	E504.1	Analysis Date: 3/15/2023	SeqNo: 4251565						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloropropane	0.555	0.0200	0.5000	0	111	70	130				
Ethylene dibromide	0.543	0.0100	0.5000	0	109	70	130				

Sample ID: LCSD-63525	SampType: LCSD	TestCode: SVOC_DW(50	Units: µg/L	Prep Date: 3/14/2023	RunNo: 159970						
Client ID: LCSS02	Batch ID: 63525	TestNo: E504.1	E504.1	Analysis Date: 3/15/2023	SeqNo: 4251566						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloropropane	0.561	0.0200	0.5000	0	112	70	130	0.5550	1.08	20	
Ethylene dibromide	0.518	0.0100	0.5000	0	104	70	130	0.5430	4.71	20	

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63551

Sample ID: MB-63551	SampType: MBLK	TestCode: SVOC_DW(52 Units: µg/L	Prep Date: 3/15/2023	RunNo: 159902							
Client ID: PBW	Batch ID: 63551	TestNo: E525 525	Analysis Date: 3/15/2023	SeqNo: 4252180							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	ND	0.200									
Acenaphthylene	ND	0.100									
Anthracene	ND	0.100									
Benzo(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									
Bis(2-ethylhexyl) phthalate	ND	0.200									
Butyl benzyl phthalate	ND	0.200									
Chrysene	ND	0.100									
Dibenz(a,h)anthracene	ND	0.100									
Diethyl phthalate	ND	0.100									
Dimethyl phthalate	ND	0.200									
Di-n-butyl phthalate	ND	0.200									
Fluorene	ND	0.100									
Hexachlorobenzene	ND	0.100									
Hexachlorocyclopentadiene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	1.00									
Isophorone	ND	0.200									
Phenanthrene	ND	0.100									
Pyrene	ND	0.100									
Surr: 1,3-Dimethyl-2-nitrobenzene	3.83		5.000		76.6	70	130				
Surr: Benzo(a)pyrene-d12	4.18		5.000		83.6	70	130				
Surr: Triphenyl phosphate	5.54		5.000		111	70	130				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63551

Sample ID: LCS-63551	SampType: LCS	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 3/15/2023	RunNo: 159902						
Client ID: LCSW	Batch ID: 63551	TestNo: E525	525	Analysis Date: 3/15/2023	SeqNo: 4252181						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	4.33	0.200	5.000	0	86.6	70	130				
Acenaphthylene	3.99	0.100	5.000	0	79.8	70	130				
Anthracene	4.25	0.100	5.000	0	85.0	70	130				
Benzo(a)anthracene	3.98	0.100	5.000	0	79.6	70	130				
Benzo(a)pyrene	3.38	0.100	5.000	0	67.6	70	130				S
Benzo(b)fluoranthene	3.38	0.100	5.000	0	67.6	70	130				S
Benzo(g,h,i)perylene	3.29	0.100	5.000	0	65.8	70	130				S
Benzo(k)fluoranthene	3.64	0.100	5.000	0	72.8	70	130				
Bis(2-ethylhexyl) phthalate	3.07	0.200	5.000	0	61.4	70	130				S
Butyl benzyl phthalate	4.21	0.200	5.000	0	84.2	70	130				
Chrysene	4.05	0.100	5.000	0	81.0	70	130				
Dibenz(a,h)anthracene	3.25	0.100	5.000	0	65.0	70	130				S
Diethyl phthalate	4.41	0.100	5.000	0	88.2	70	130				
Dimethyl phthalate	4.39	0.200	5.000	0	87.8	70	130				
Di-n-butyl phthalate	4.42	0.200	5.000	0	88.4	70	130				
Fluorene	4.26	0.100	5.000	0	85.2	70	130				
Hexachlorobenzene	4.11	0.100	5.000	0	82.2	70	130				
Hexachlorocyclopentadiene	3.74	0.100	5.000	0	74.8	70	130				
Indeno(1,2,3-cd)pyrene	3.08	1.00	5.000	0	61.6	70	130				S
Isophorone	3.57	0.200	5.000	0	71.4	70	130				
Phenanthrene	4.26	0.100	5.000	0	85.2	70	130				
Pyrene	4.25	0.100	5.000	0	85.0	70	130				
Surr: 1,3-Dimethyl-2-nitrobenzene	3.30		5.000		66.0	70	130				S
Surr: Benzo(a)pyrene-d12	3.47		5.000		69.4	70	130				Sm
Surr: Triphenyl phosphate	5.17		5.000		103	70	130				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: 63551

Sample ID: LCSD-63551	SampType: LCSD	TestCode: SVOC_DW(52	Units: µg/L	Prep Date: 3/15/2023	RunNo: 159902						
Client ID: LCSS02	Batch ID: 63551	TestNo: E525	525	Analysis Date: 3/15/2023	SeqNo: 4252182						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	4.55	0.200	5.000	0	91.0	70	130	4.330	4.95	30	
Acenaphthylene	4.28	0.100	5.000	0	85.6	70	130	3.990	7.01	30	
Anthracene	4.55	0.100	5.000	0	91.0	70	130	4.250	6.82	30	
Benzo(a)anthracene	3.99	0.100	5.000	0	79.8	70	130	3.980	0.251	30	
Benzo(a)pyrene	3.19	0.100	5.000	0	63.8	70	130	3.380	5.78	30	S
Benzo(b)fluoranthene	3.10	0.100	5.000	0	62.0	70	130	3.380	8.64	30	S
Benzo(g,h,i)perylene	3.01	0.100	5.000	0	60.2	70	130	3.290	8.89	30	S
Benzo(k)fluoranthene	3.55	0.100	5.000	0	71.0	70	130	3.640	2.50	30	
Bis(2-ethylhexyl) phthalate	2.80	0.200	5.000	0	56.0	70	130	3.070	9.20	30	S
Butyl benzyl phthalate	4.41	0.200	5.000	0	88.2	70	130	4.210	4.64	30	
Chrysene	4.03	0.100	5.000	0	80.6	70	130	4.050	0.495	30	
Dibenz(a,h)anthracene	2.95	0.100	5.000	0	59.0	70	130	3.250	9.68	30	S
Diethyl phthalate	4.66	0.100	5.000	0	93.2	70	130	4.410	5.51	30	
Dimethyl phthalate	4.67	0.200	5.000	0	93.4	70	130	4.390	6.18	30	
Di-n-butyl phthalate	4.59	0.200	5.000	0	91.8	70	130	4.420	3.77	30	
Fluorene	4.55	0.100	5.000	0	91.0	70	130	4.260	6.58	30	
Hexachlorobenzene	4.38	0.100	5.000	0	87.6	70	130	4.110	6.36	30	
Hexachlorocyclopentadiene	4.10	0.100	5.000	0	82.0	70	130	3.740	9.18	30	
Indeno(1,2,3-cd)pyrene	2.77	1.00	5.000	0	55.4	70	130	3.080	10.6	30	S
Isophorone	3.72	0.200	5.000	0	74.4	70	130	3.570	4.12	30	
Phenanthrene	4.49	0.100	5.000	0	89.8	70	130	4.260	5.26	30	
Pyrene	4.50	0.100	5.000	0	90.0	70	130	4.250	5.71	30	
Surr: 1,3-Dimethyl-2-nitrobenzene	3.42		5.000		68.4	70	130		0	30	Sm
Surr: Benzo(a)pyrene-d12	3.10		5.000		62.0	70	130		0	30	S
Surr: Triphenyl phosphate	5.19		5.000		104	70	130		0	30	

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW

Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: LCS	SampType: LCS	TestCode: VOC_DW(524	Units: µg/L	Prep Date:	RunNo: 159587						
Client ID: LCSW	Batch ID: R159587	TestNo: E524.2	Analysis Date: 3/9/2023	SeqNo: 4241509							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	4.98	0.500	5.000	0	99.6	70	130				
1,1,1-Trichloroethane	5.29	0.500	5.000	0	106	70	130				
1,1,2,2-Tetrachloroethane	4.95	0.500	5.000	0	99.0	70	130				
1,1,2-Trichloroethane	5.02	0.500	5.000	0	100	70	130				
1,1-Dichloroethane	4.85	0.500	5.000	0	96.9	70	130				
1,1-Dichloroethene	5.09	0.500	5.000	0	102	70	130				
1,1-Dichloropropene	5.49	0.500	5.000	0	110	70	130				
1,2,3-Trichlorobenzene	4.82	0.500	5.000	0	96.4	70	130				
1,2,3-Trichloropropane	5.49	0.500	5.000	0	110	70	130				
1,2,4-Trichlorobenzene	4.88	0.500	5.000	0	97.5	70	130				
1,2,4-Trimethylbenzene	4.57	0.500	5.000	0	91.3	70	130				
1,2-Dichlorobenzene	5.16	0.500	5.000	0	103	70	130				
1,2-Dichloroethane	5.26	0.500	5.000	0	105	70	130				
1,2-Dichloropropane	5.05	0.500	5.000	0	101	70	130				
1,3,5-Trimethylbenzene	4.92	0.500	5.000	0	98.4	70	130				
1,3-Dichlorobenzene	5.05	0.500	5.000	0	101	70	130				
1,3-Dichloropropane	5.24	0.500	5.000	0	105	70	130				
1,4-Dichlorobenzene	5.24	0.500	5.000	0	105	70	130				
2-Chlorotoluene	4.96	0.500	5.000	0	99.2	70	130				
4-Chlorotoluene	5.22	0.500	5.000	0	104	70	130				
Benzene	5.19	0.500	5.000	0	104	70	130				
Bromobenzene	4.90	0.500	5.000	0	98.0	70	130				
Bromodichloromethane	4.94	0.500	5.000	0	98.8	70	130				
Bromoform	4.67	0.500	5.000	0	93.4	70	130				
Bromomethane	4.68	1.00	5.000	0	93.5	70	130				
Carbon tetrachloride	5.18	0.500	5.000	0	104	70	130				

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: LCS	SampType: LCS	TestCode: VOC_DW(524	Units: µg/L	Prep Date:	RunNo: 159587						
Client ID: LCSW	Batch ID: R159587	TestNo: E524.2	Analysis Date: 3/9/2023	SeqNo: 4241509							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	5.06	0.500	5.000	0	101	70	130				
Chlorobromomethane	4.96	0.500	5.000	0	99.2	70	130				
Chlorodibromomethane	4.87	0.500	5.000	0	97.5	70	130				
Chloroethane	4.89	0.500	5.000	0	97.7	70	130				
Chloroform	4.93	0.500	5.000	0	98.6	70	130				
Chloromethane	4.30	0.500	5.000	0	86.0	70	130				
cis-1,2-Dichloroethene	4.81	0.500	5.000	0	96.1	70	130				
cis-1,3-Dichloropropene	4.94	0.500	5.000	0	98.8	70	130				
Dibromomethane	5.03	0.500	5.000	0	101	70	130				
Dichlorodifluoromethane	4.65	0.500	5.000	0	93.0	70	130				
Ethylbenzene	5.04	0.500	5.000	0	101	70	130				
Hexachloro-1,3-butadiene	5.31	0.500	5.000	0	106	70	130				
Isopropylbenzene	5.15	0.500	5.000	0	103	70	130				
m,p-Xylene	10.1	0.500	10.00	0	101	70	130				
Methylene chloride	5.14	0.500	5.000	0	103	70	130				
MTBE	4.31	0.500	5.000	0	86.3	70	130				
n-Butylbenzene	5.01	0.500	5.000	0	100	70	130				
n-Propylbenzene	5.15	0.500	5.000	0	103	70	130				
o-Xylene	5.27	0.500	5.000	0	105	70	130				
p-Isopropyltoluene	4.69	0.500	5.000	0	93.8	70	130				
sec-Butylbenzene	4.96	0.500	5.000	0	99.2	70	130				
Styrene	5.07	0.500	5.000	0	101	70	130				
tert-Butylbenzene	4.96	0.500	5.000	0	99.3	70	130				
Tetrachloroethene	5.13	0.500	5.000	0	103	70	130				
Toluene	5.15	0.500	5.000	0	103	70	130				
trans-1,2-Dichloroethene	4.88	0.500	5.000	0	97.6	70	130				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: LCS	SampType: LCS	TestCode: VOC_DW(524) Units: µg/L	Prep Date:	RunNo: 159587							
Client ID: LCSW	Batch ID: R159587	TestNo: E524.2	Analysis Date: 3/9/2023	SeqNo: 4241509							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	4.75	0.500	5.000	0	95.1	70	130				
Trichloroethene	5.12	0.500	5.000	0	102	70	130				
Trichlorofluoromethane	4.85	0.500	5.000	0	97.0	70	130				
Vinyl chloride	4.58	0.500	5.000	0	91.5	70	130				
Xylenes, Total	15.4	0.500	15.00	0	102	70	130				
Surr: 1,2-Dichlorobenzene-d4	10.4		10.00		104	70	130				
Surr: 4-Bromofluorobenzene	10.4		10.00		104	70	130				

Sample ID: MB	SampType: MBLK	TestCode: VOC_DW(524) Units: µg/L	Prep Date:	RunNo: 159587							
Client ID: PBW	Batch ID: R159587	TestNo: E524.2	Analysis Date: 3/9/2023	SeqNo: 4241510							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.500									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.500									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.500									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.500									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: MB	SampType: MBLK	TestCode: VOC_DW(524) Units: µg/L	Prep Date:	RunNo: 159587							
Client ID: PBW	Batch ID: R159587	TestNo: E524.2	Analysis Date: 3/9/2023	SeqNo: 4241510							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	0.292	0.500									J
1,3-Dichlorobenzene	ND	0.500									
1,3-Dichloropropane	ND	0.500									
1,3-Dichloropropene, Total	ND	1.00									
1,4-Dichlorobenzene	ND	0.500									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
Benzene	ND	0.500									
Bromobenzene	ND	0.500									
Bromodichloromethane	ND	0.500									
Bromoform	ND	0.500									
Bromomethane	ND	1.00									
Carbon tetrachloride	ND	0.500									
Chlorobenzene	ND	0.500									
Chlorobromomethane	ND	0.500									
Chlorodibromomethane	ND	0.500									
Chloroethane	ND	0.500									
Chloroform	ND	0.500									
Chloromethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
cis-1,3-Dichloropropene	ND	0.500									
Dibromomethane	ND	0.500									
Dichlorodifluoromethane	ND	0.500									
Ethylbenzene	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.500									

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: MB	SampType: MBLK	TestCode: VOC_DW(524	Units: µg/L	Prep Date:	RunNo: 159587						
Client ID: PBW	Batch ID: R159587	TestNo: E524.2		Analysis Date: 3/9/2023	SeqNo: 4241510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.500									
m,p-Xylene	ND	0.500									
Methylene chloride	ND	0.500									
MTBE	ND	0.500									
n-Butylbenzene	ND	0.500									
n-Propylbenzene	ND	0.500									
o-Xylene	ND	0.500									
p-Isopropyltoluene	ND	0.500									
sec-Butylbenzene	0.268	0.500									J
Styrene	ND	0.500									
tert-Butylbenzene	ND	0.500									
Tetrachloroethene	ND	0.500									
Toluene	ND	0.500									
trans-1,2-Dichloroethene	ND	0.500									
trans-1,3-Dichloropropene	ND	0.500									
Trichloroethene	ND	0.500									
Trichlorofluoromethane	ND	0.500									
Vinyl chloride	ND	0.500									
Xylenes, Total	ND	0.500									
Surr: 1,2-Dichlorobenzene-d4	8.37		10.00		83.7	70	130				
Surr: 4-Bromofluorobenzene	8.00		10.00		80.0	70	130				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.500						0	0	20	
1,1,1-Trichloroethane	ND	0.500						0	0	20	
1,1,2,2-Tetrachloroethane	ND	0.500						0	0	20	
1,1,2-Trichloroethane	ND	0.500						0	0	20	
1,1-Dichloroethane	ND	0.500						0	0	20	
1,1-Dichloroethene	ND	0.500						0	0	20	
1,1-Dichloropropene	ND	0.500						0	0	20	
1,2,3-Trichlorobenzene	ND	0.500						0	0	20	
1,2,3-Trichloropropane	ND	0.500						0	0	20	
1,2,4-Trichlorobenzene	ND	0.500						0	0	20	
1,2,4-Trimethylbenzene	ND	0.500						0	0	20	
1,2-Dichlorobenzene	ND	0.500						0	0	20	
1,2-Dichloroethane	ND	0.500						0	0	20	
1,2-Dichloropropane	ND	0.500						0	0	20	
1,3,5-Trimethylbenzene	ND	0.500						0	0	20	MB+
1,3-Dichlorobenzene	ND	0.500						0	0	20	
1,3-Dichloropropane	ND	0.500						0	0	20	
1,3-Dichloropropene, Total	ND	1.00						0	0	0	
1,4-Dichlorobenzene	ND	0.500						0	0	20	
2-Chlorotoluene	ND	0.500						0	0	20	
4-Chlorotoluene	ND	0.500						0	0	20	
Benzene	ND	0.500						0	0	20	
Bromobenzene	ND	0.500						0	0	20	
Bromodichloromethane	ND	0.500						0	0	20	
Bromoform	ND	0.500						0	0	20	
Bromomethane	ND	1.00						0	0	20	

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	0.500						0	0	20	
Chlorobenzene	ND	0.500						0	0	20	
Chlorobromomethane	ND	0.500						0	0	20	
Chlorodibromomethane	ND	0.500						0	0	20	
Chloroethane	ND	0.500						0	0	20	
Chloroform	ND	0.500						0	0	20	
Chloromethane	ND	0.500						0	0	20	
cis-1,2-Dichloroethene	ND	0.500						0	0	20	
cis-1,3-Dichloropropene	ND	0.500						0	0	20	
Dibromomethane	ND	0.500						0	0	20	
Dichlorodifluoromethane	ND	0.500						0	0	20	
Ethylbenzene	ND	0.500						0	0	20	
Hexachloro-1,3-butadiene	ND	0.500						0	0	20	
Isopropylbenzene	ND	0.500						0	0	20	
m,p-Xylene	ND	0.500						0	0	20	
Methylene chloride	ND	0.500						0	0	20	
MTBE	ND	0.500						0	0	20	
n-Butylbenzene	ND	0.500						0	0	20	
n-Propylbenzene	ND	0.500						0	0	20	
o-Xylene	ND	0.500						0	0	20	
p-Isopropyltoluene	ND	0.500						0	0	20	
sec-Butylbenzene	ND	0.500						0	0	20	MB+
Styrene	ND	0.500						0	0	20	
tert-Butylbenzene	ND	0.500						0	0	20	
Tetrachloroethene	ND	0.500						0	0	20	
Toluene	ND	0.500						0	0	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159587

Sample ID: 23030583-001ADUP	SampType: DUP	TestCode: VOC_DW(524)	Units: µg/L	Prep Date:	RunNo: 159587						
Client ID: SMW-1 EP Vic Sent.	Batch ID: R159587	TestNo: E524.2		Analysis Date: 3/9/2023	SeqNo: 4241512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.500						0	0	20	
trans-1,3-Dichloropropene	ND	0.500						0	0	20	
Trichloroethene	ND	0.500						0	0	20	
Trichlorofluoromethane	ND	0.500						0	0	20	
Vinyl chloride	ND	0.500						0	0	20	
Xylenes, Total	ND	0.500						0	0	20	
Surr: 1,2-Dichlorobenzene-d4	8.73		10.00		87.3	70	130		0	20	
Surr: 4-Bromofluorobenzene	8.36		10.00		83.6	70	130		0	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159590

Sample ID: MBLK	SampType: MBLK	TestCode: GLYCOL_NP	Units: µg/L	Prep Date:	RunNo: 159590						
Client ID: PBW	Batch ID: R159590	TestNo: SW8015C		Analysis Date: 3/9/2023	SeqNo: 4241621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylene glycol	ND	10000		0	0						
Ethylene glycol	ND	10000		0	0						
Propylene glycol	ND	10000		0	0						
Triethylene glycol	ND	10000		0	0						

Sample ID: LCS 500 PPM	SampType: LCS	TestCode: GLYCOL_NP	Units: µg/L	Prep Date:	RunNo: 159590						
Client ID: LCSW	Batch ID: R159590	TestNo: SW8015C		Analysis Date: 3/9/2023	SeqNo: 4241623						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylene glycol	558000	10000	500000	0	112	70	130				
Ethylene glycol	552000	10000	500000	0	110	70	130				
Propylene glycol	553000	10000	500000	0	111	51.7	139				
Triethylene glycol	559000	10000	500000	0	112	70	130				

Sample ID: LCSD 500 PPM	SampType: LCSD	TestCode: GLYCOL_NP	Units: µg/L	Prep Date:	RunNo: 159590						
Client ID: LCSS02	Batch ID: R159590	TestNo: SW8015C		Analysis Date: 3/9/2023	SeqNo: 4241624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylene glycol	548000	10000	500000	0	110	70	130	558000	1.87	20	
Ethylene glycol	551000	10000	500000	0	110	70	130	552000	0.198	20	m
Propylene glycol	541000	10000	500000	0	108	51.7	139	553000	2.23	20	m
Triethylene glycol	544000	10000	500000	0	109	70	130	559000	2.83	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: LCS	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: LCSW	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241892							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	21.1	5.00	20.00	0	106	80	143				
1,3-Butadiene	10.6	5.00	20.00	0	53.0	10	190				
1,4-Dioxane	187	25.0	200.0	0	93.6	10	190				
2,2-Dichloropropane	23.7	5.00	20.00	0	119	24	171				QC+
2-Butanone	95.2	25.0	100.0	0	95.2	10	190				
2-Ethylhexyl acrylate	18.8	5.00	20.00	0	94.0	70	130				
2-Nitropropane	22.5	50.0	20.00	0	113	10	152				J
Acrylonitrile (2-propenenitrile)	124	30.0	120.0	0	103	10	190				
Allyl chloride	23.7	5.00	20.00	0	118	64	155				QC+
Carbon disulfide	23.8	5.00	20.00	0	119	63	149				
Chloroprene	22.7	5.00	20.00	0	113	46	164				
Cyclohexanone	107	5.00	100.0	0	107	10	190				m
Ethyl Ether	20.6	10.0	20.00	0	103	36	165				
Epichlorohydrin	17.3	20.0	20.00	0	86.7	10	181				J
ETBE	22.6	5.00	20.00	0	113	70	130				
Ethyl acrylate	18.7	5.00	20.00	0	93.6	70	130				
Ethyl methacrylate	21.7	5.00	20.00	0	109	59	136				
Hexachloroethane	17.2	5.00	20.00	0	86.0	10	214				
Diisopropyl ether (DIPE)	22.7	5.00	20.00	0	114	10	177				
Methacrylonitrile	22.4	5.00	20.00	0	112	10	153				
Methyl acrylate	21.7	5.00	20.00	0	108	10	176				
Methyl methacrylate	21.7	5.00	20.00	0	109	50	130				
n-Butyl acrylate	18.5	5.00	20.00	0	92.3	70	130				
Propionitrile	21.9	5.00	20.00	0	109	70	130				
trans-1,4-Dichloro-2-butene	23.3	5.00	20.00	0	116	10	196				
Vinyl acetate	21.0	5.00	20.00	0	105	10	190				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: LCS	SampType: LCS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: LCSW	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241892							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trimethylbenzene	23.8	5.00	20.00	0	119	3.54	177				QC+
Surr: 4-Bromofluorobenzene	50.6		50.00		101	70	130				
Surr: Dibromofluoromethane	50.7		50.00		101	70	130				
Surr: Toluene-d8	48.9		50.00		97.8	70	130				

Sample ID: MB	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: PBW	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241898							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	ND	5.00									
1,3-Butadiene	ND	5.00									
1,4-Dioxane	ND	25.0									
2,2-Dichloropropane	ND	5.00									QC+
2-Butanone	ND	25.0									
2-Ethylhexyl acrylate	ND	5.00									
2-Nitropropane	ND	50.0									
Acrylonitrile (2-propenenitrile)	ND	30.0									
Allyl chloride	ND	5.00									QC+
Carbon disulfide	ND	5.00									
Chloroprene	ND	5.00									
Cyclohexanone	ND	5.00									
Ethyl Ether	ND	10.0									
Epichlorohydrin	ND	20.0									
ETBE	ND	5.00									
Ethyl acrylate	ND	5.00									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583
 17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: MB	SampType: MBLK	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: PBW	Batch ID: R159600	TestNo: SW8260		Analysis Date: 3/9/2023	SeqNo: 4241898						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl methacrylate	ND	5.00									
Hexachloroethane	ND	5.00									
Diisopropyl ether (DIPE)	ND	5.00									
Methacrylonitrile	ND	5.00									
Methyl acrylate	ND	5.00									
Methyl methacrylate	ND	5.00									
n-Butyl acrylate	ND	5.00									
trans-1,4-Dichloro-2-butene	ND	5.00									
Vinyl acetate	ND	5.00									
1,2,3-Trimethylbenzene	ND	5.00									QC+
Surr: 4-Bromofluorobenzene	48.3		50.00		96.6	70	130				
Surr: Dibromofluoromethane	51.0		50.00		102	70	130				
Surr: Toluene-d8	51.5		50.00		103	70	130				

Sample ID: 23030258-001AMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: BatchQC	Batch ID: R159600	TestNo: SW8260		Analysis Date: 3/9/2023	SeqNo: 4241898						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	102	25.0	100.0	0	102	10	236				
1,3-Butadiene	84.5	25.0	100.0	0	84.5	10	203				
1,4-Dioxane	1110	125	1000	0	111	10	181				
2,2-Dichloropropane	116	25.0	100.0	0	116	23.5	171				QC+
2-Butanone	563	125	500.0	0	113	70	130				
2-Ethylhexyl acrylate	98.3	25.0	100.0	0	98.3	70	130				
2-Nitropropane	114	250	100.0	0	114	10	152				J

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: 23030258-001AMS	SampType: MS	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: BatchQC	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241899							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acrylonitrile (2-propenenitrile)	699	150	600.0	0	116	59	130				
Allyl chloride	113	25.0	100.0	0	113	-2.66	201				QC+
Carbon disulfide	111	25.0	100.0	0	111	63.2	147				
Chloroprene	111	25.0	100.0	0	111	46.2	164				
Cyclohexanone	898	25.0	500.0	0	180	10	193				
Ethyl Ether	108	50.0	100.0	0	108	36.1	165				
Epichlorohydrin	157	100	100.0	0	157	10	181				
ETBE	117	25.0	100.0	0	117	70	130				
Ethyl acrylate	110	25.0	100.0	0	110	70	130				
Ethyl methacrylate	120	25.0	100.0	0	120	70	130				
Hexachloroethane	77.9	25.0	100.0	0	77.9	10	214				
Diisopropyl ether (DIPE)	113	25.0	100.0	0	113	10	177				
Methacrylonitrile	117	25.0	100.0	0	117	10	153				
Methyl acrylate	121	25.0	100.0	0	121	10	176				
Methyl methacrylate	121	25.0	100.0	0	121	49.7	130				
n-Butyl acrylate	100	25.0	100.0	0	100	70	130				
Propionitrile	120	25.0	100.0	0	120	70	130				
trans-1,4-Dichloro-2-butene	120	25.0	100.0	0	120	10	196				
Vinyl acetate	113	25.0	100.0	0	113	32.8	153				
1,2,3-Trimethylbenzene	247	25.0	100.0	0	247	70	130				SQC+
Surr: 4-Bromofluorobenzene	252		250.0		101	70	130				
Surr: Dibromofluoromethane	256		250.0		102	70	130				
Surr: Toluene-d8	247		250.0		98.7	46.1	154				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: 23030258-001AMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: BatchQC	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241901							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	101	25.0	100.0	0	101	10	236	102.4	1.40	20	
1,3-Butadiene	86.8	25.0	100.0	0	86.8	10	203	84.46	2.69	20	
1,4-Dioxane	1160	125	1000	0	116	10	181	1111	4.68	20	
2,2-Dichloropropane	116	25.0	100.0	0	116	23.5	171	115.7	0.289	20	QC+
2-Butanone	552	125	500.0	0	110	70	130	563.1	2.02	20	
2-Ethylhexyl acrylate	106	25.0	100.0	0	106	70	130	98.34	7.34	0	
2-Nitropropane	123	250	50.00	0	246	10	152	113.7	7.89	20	JS
Acrylonitrile (2-propenenitrile)	723	150	600.0	0	121	59	130	698.9	3.42	20	
Allyl chloride	114	25.0	100.0	0	114	-2.66	201	113.2	0.410	20	QC+
Carbon disulfide	113	25.0	100.0	0	113	63.2	147	111.4	1.37	20	
Chloroprene	110	25.0	100.0	0	110	46.2	164	110.8	0.312	20	
Cyclohexanone	1030	25.0	500.0	0	207	10	193	898.3	14.1	20	S
Ethyl Ether	114	50.0	100.0	0	114	36.1	165	107.7	5.49	20	
Epichlorohydrin	154	100	100.0	0	154	10	181	156.6	1.93	20	
ETBE	118	25.0	100.0	0	118	70	130	116.8	1.24	0	
Ethyl acrylate	112	25.0	100.0	0	112	70	130	109.8	2.21	0	
Ethyl methacrylate	125	25.0	100.0	0	125	70	130	119.5	4.32	20	
Hexachloroethane	76.7	25.0	100.0	0	76.7	10	214	77.94	1.55	20	
Diisopropyl ether (DIPE)	118	25.0	100.0	0	118	10	177	113.4	3.72	20	
Methacrylonitrile	124	25.0	100.0	0	124	10	153	116.8	5.71	20	
Methyl acrylate	123	25.0	100.0	0	123	10	176	120.7	1.95	20	
Methyl methacrylate	122	25.0	100.0	0	122	49.7	130	120.8	1.38	20	
n-Butyl acrylate	107	25.0	100.0	0	107	70	130	100.2	7.04	0	
Propionitrile	134	25.0	100.0	0	134	70	130	119.5	11.4	20	S
trans-1,4-Dichloro-2-butene	124	25.0	100.0	0	124	10	196	120.3	3.06	20	
Vinyl acetate	120	25.0	100.0	0	120	32.8	153	112.7	6.25	20	

Qualifiers:
 E Value above quantitation range
 M Manual Integration used to determine area response
 R RPD outside accepted recovery limits
 W Sample container temperature is out of limit as specified at testcode

H Holding times for preparation or analysis exceeded
 ND Not Detected
 RL Reporting Detection Limit

J Analyte detected below quantitation limits
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

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#: 23030583

17-Mar-23

Client: OhioEPA-DDAGW

Project: Ohio EPA PWS-EP

BatchID: R159600

Sample ID: 23030258-001AMSD	SampType: MSD	TestCode: VOC-MSTR_	Units: µg/L	Prep Date:	RunNo: 159600						
Client ID: BatchQC	Batch ID: R159600	TestNo: SW8260	Analysis Date: 3/9/2023	SeqNo: 4241901							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trimethylbenzene	251	25.0	100.0	0	251	70	130	247.2	1.70	0	SQC+
Surr: 4-Bromofluorobenzene	250		250.0		100	70	130		0	20	
Surr: Dibromofluoromethane	249		250.0		99.7	70	130		0	20	
Surr: Toluene-d8	247		250.0		98.9	46.1	154		0	20	

Qualifiers:

- E Value above quantitation range
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode

- H Holding times for preparation or analysis exceeded
- ND Not Detected
- RL Reporting Detection Limit

- J Analyte detected below quantitation limits
- PL Permit Limit
- S Spike Recovery outside accepted recovery limits

Original

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

Qualifiers

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

Acronyms

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

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



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#: **23030583**
17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
23030583-001A	SMW-1 EP Vic Sent. Well	3/8/2023 3:15:00 PM	Drinking Water	VOC-GC/MS (524.2)			3/9/2023 8:25:00 PM
23030583-001B				EDB, DBCP, 123TCP by GC (EPA 504)		3/14/2023 3:15:00 PM	3/15/2023 11:39:00 AM
23030583-001C				VOC by GC/MS (8260D)			3/9/2023 6:13:00 PM
				VOC Tentatively Identified Compound (TICs)			3/9/2023 6:13:00 PM
23030583-001D				SVOC by 8270E		3/9/2023 10:27:06 AM	3/12/2023 10:24:00 AM
				SVOC by 8270E		3/9/2023 10:27:06 AM	3/16/2023 12:59:00 AM
				Synthetic Organic Compounds by GC/MS (EPA 525.3)		3/15/2023 9:30:00 AM	3/15/2023 8:56:00 PM
23030583-001E				Alcohols (EPA 8015) C			3/9/2023 5:07:00 PM
				Alcohols (EPA 8015) C			3/9/2023 5:07:00 PM
				Glycols (8015)			3/9/2023 4:05:00 PM
				Glycols (8015)			3/9/2023 4:05:00 PM
23030583-002A	SMW-1 FB Field Blank	3/8/2023 3:00:00 PM		VOC-GC/MS (524.2)			3/10/2023 3:09:00 AM
23030583-002B				EDB, DBCP, 123TCP by GC (EPA 504)		3/14/2023 3:15:00 PM	3/15/2023 12:40:00 PM
23030583-002C				VOC by GC/MS (8260D)			3/9/2023 5:01:00 PM
				VOC Tentatively Identified Compound (TICs)			3/9/2023 5:01:00 PM
23030583-002D				SVOC by 8270E		3/9/2023 10:27:06 AM	3/12/2023 10:55:00 AM
				SVOC by 8270E		3/9/2023 10:27:06 AM	3/16/2023 1:18:00 AM
				Synthetic Organic Compounds by GC/MS (EPA 525.3)		3/15/2023 9:30:00 AM	3/16/2023 12:26:00 PM
				Synthetic Organic Compounds by GC/MS (EPA 525.3)		3/15/2023 9:30:00 AM	3/15/2023 9:43:00 PM
23030583-002E				Alcohols (EPA 8015) C			3/9/2023 5:26:00 PM
				Alcohols (EPA 8015) C			3/9/2023 5:26:00 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#: **23030583**
17-Mar-23

Client: OhioEPA-DDAGW
Project: Ohio EPA PWS-EP

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
23030583-002E	SMW-1 FB Field Blank	3/8/2023 3:00:00 PM	Drinking Water	Glycols (8015)			3/9/2023 4:42:00 PM
				Glycols (8015)			3/9/2023 4:42:00 PM
23030583-003A	SMW-1 Dupe Duplicate	3/8/2023 3:45:00 PM		VOC-GC/MS (524.2)			3/10/2023 3:38:00 AM
23030583-003B				EDB, DBCP, 123TCP by GC (EPA 504)		3/14/2023 3:15:00 PM	3/15/2023 1:01:00 PM
23030583-003C				VOC by GC/MS (8260D)			3/9/2023 6:37:00 PM
				VOC Tentatively Identified Compound (TICs)			3/9/2023 6:37:00 PM
23030583-003D				SVOC by 8270E		3/9/2023 10:27:06 AM	3/12/2023 11:27:00 AM
				SVOC by 8270E		3/9/2023 10:27:06 AM	3/16/2023 1:38:00 AM
				Synthetic Organic Compounds by GC/MS (EPA 525.3)		3/15/2023 9:30:00 AM	3/15/2023 10:29:00 PM
23030583-003E				Alcohols (EPA 8015) C			3/9/2023 5:44:00 PM
				Alcohols (EPA 8015) C			3/9/2023 5:44:00 PM
				Glycols (8015)			3/9/2023 5:19:00 PM
				Glycols (8015)			3/9/2023 5:19:00 PM
23030583-004A	Trip Blank-1			VOC by GC/MS (8260D)			3/9/2023 3:01:00 PM
				VOC Tentatively Identified Compound (TICs)			3/9/2023 3:01:00 PM
23030583-004B				VOC-GC/MS (524.2)			3/10/2023 1:14:00 AM
23030583-004C				EDB, DBCP, 123TCP by GC (EPA 504)		3/14/2023 3:15:00 PM	3/15/2023 1:22:00 PM
23030583-005A	Trip Blank-2			VOC by GC/MS (8260D)			3/9/2023 3:25:00 PM
				VOC Tentatively Identified Compound (TICs)			3/9/2023 3:25:00 PM
23030583-005B				VOC-GC/MS (524.2)			3/10/2023 1:43:00 AM
23030583-005C				EDB, DBCP, 123TCP by GC (EPA 504)		3/14/2023 3:15:00 PM	3/15/2023 1:42:00 PM

Original

SET
WO
NO.: **23030583**

Analysis Request / Chain of Custody
Refer to Terms and Conditions at www.settek.com



Client Name: **OHIO EPA - DDINGLW**
 Client Street Address: **OHIO EPA PWS - EP**
 Client Street Address: **481 Bacon Ave**
 City: **210 E. Aurora Road** State: **OH** Zip: **43087**
 Client Phone: **330-963-1150** City: **East Pal** State: **OH** Zip: **04**
 Contact Person: **JAMES FISHER** Report To: **JAMES FISHER** Quote Number:
 Client Email Address: **James.fisher@epa.ohio.gov** PWS ID: Facility ID:
 Sampled By: **Milk Sums** (Print Name and Provide Signature) Ohio VAP Ohio EPA Pb, Cu
 Sign: **[Signature]** Drinking Water Compliance Other Compliance (List State/Program):
 Lab fee may apply: Y N

Grab Sample	Composite Sample	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	Analytical Parameters and Methods Requested	For DW Only: Special Compliance or Routine (S/R)
X		DW	8	14	524.2, 504.1, 82600, 525, 8270, 8015	
X		DW	8	14		
X		DW	8	14		

Notes / Comments: **524, 8260-HCL, 504.1-NA2SO3, 525-Ascorbic Acid of Massum Create**
***INVOICE: VICKIE STEVENS - PERSE@EPA.CHO.GOV**
 Sufficient volume provided to run QC? YES NO Cooler YES NO
 Received Temp.: **0.3, 13.0, 0.8°C**
 Rush Requested: **7** Day(s) Must be approved by Lab Manager
 Received at Summit by: **[Signature]** Date: **5/8/23** Time: **17:45** Carrier: **Client**
 Rush Requested: **0.2+0.1, 0.7+0.1, 1.2+0.1**



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: **OEPA-OH-44087** Work Order Number: **23030583** RcptNo: **1**

Logged by:	Anthony W. Britton	3/8/2023 5:45:00 PM	
Completed By:	Anthony W. Britton	3/8/2023 6:10:41 PM	
Reviewed By:	Holly Florea	3/9/2023 6:05:17 PM	

Chain of Custody

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

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	0.3	Good	Not Present			
2	1.3	Good	Not Present			
3	0.8	Good	Not Present			