TETRA TECH

January 30, 2020

Mr. Thomas Biel
NYSDEC Region 7
615 Eric Blvd. W.
Syracuse, NY 13204

Mr. Dan Tucholski
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, New York 12237

RE: Abandoned Solvent Center Site
Pompey, New York (Site #734035)
Domestic Drinking Water Treatment System
Fourth Quarter 2019 Sampling Event

Dear Mr. Biel and Mr. Tucholski:

This letter is being sent on behalf of the Participating Parties for the Abandoned Solvent Center Site (Site) in Pompey, New York, and serves to transmit the Fourth Quarter 2019 analytical results for the Domestic Water Treatment System Interim Remedial Measure (System). Operation and monitoring requirements for the System are set forth in paragraph 9 of the Remedial Design Administrative Order on Consent, August 1, 1995, and in the approved Operations and Maintenance Plan Revised January 1999.

The domestic drinking water treatment systems at the Bumpus and Scalisi residences are comprised of a series of liquid phase granular activated carbon (GAC) units designed to remove volatile organic compounds (VOCs) from groundwater. Three samples were taken from the domestic drinking water treatment systems at both the Scalisi and Bumpus residences on October 3, 2019, by Tetra Tech. At the Bumpus residence, one sample was taken prior to the drinking water treatment system (the influent sample), one after the first GAC unit (midpoint sample), and one after the second GAC unit (the effluent sample). At the Scalisi residence, one sample was taken prior to the drinking water treatment system (influent sample), one after the first GAC unit (midpoint sample), and one after the third GAC unit (effluent sample). The sampling was conducted in accordance with the approved Domestic Drinking Water Treatment Systems Sampling and Analysis Plan (SAP), submitted to the New York State Department of Environmental Conservation (NYSDEC) and to the New York State Department of Health (NYSDOH) on March 26, 1996. The samples and a trip blank were analyzed by United States Environmental Protection Agency (USEPA) Method 524.2 for volatile organic compounds (VOCs) by TestAmerica Laboratories, Inc. (New York State Laboratory Identification Number 10026). Both treatment systems continue to operate in conformance with the design specifications, and the treated water at both residences continues to meet the New York State Class GA Ambient Water Quality Standard. Results of the analyses performed are discussed below.

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Bumpus Residence

October 2019
A summary of the VOC sampling results from October 3, 2019 is presented in Table 1. Methylene chloride was detected in the influent sample at an estimated concentration of 0.46 ug/L and in the effluent sample at a concentration of 0.53 ug/L. No VOCs were detected in the midpoint sample. Methylene chloride is not a site contaminant of concern and is a common laboratory artifact. Carbon change out and UV bulb replacement occurred on January 14, 2020. A time history of all influent, midpoint, and finished water (effluent) samples taken from this residence is presented in Appendix A.

Table 2 summarizes water usage and pressure gauge readings. Pressure gauge readings taken immediately prior to the sampling event showed the influent pressure to the system was 43 to 50 pounds per square inch (psi). This pressure meets the NYSDOH minimum pressure range of 20 to 30 psi.

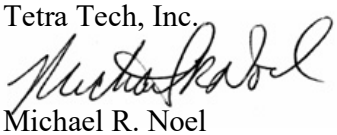
Scalisi Residence

October 2019
A summary of the VOC sampling results from October 3, 2019 is presented in Table 1. No VOCs were detected in the effluent sample. Analysis of the influent sample showed the following compounds were present above the laboratory detection limits: 1,1-dichloroethane (1.3 µg/L), cis-1,2-dichloroethene (15 µg/L), methylene chloride (0.51 ug/L), trans-1,2-dichloroethene (0.19 J ug/L) trichloroethene (0.51 µg/L), and vinyl chloride (20 µg/L). Analysis of the midpoint sample showed the following compound was present above the laboratory detection limit: vinyl chloride (0.28 J µg/L). Carbon change out and UV bulb replacement occurred on January 14, 2020. A time history of all influent, midpoint, and finished water (effluent) VOC samples taken from this residence is presented in Appendix A.

Pressure gauge readings (Table 2) taken immediately prior to the sampling event showed the influent pressure to the system was 53 to 55 psi. This pressure meets the NYSDOH minimum pressure range of 20 to 30 psi.

If you have any questions, please contact me at your convenience.

Sincerely,
Tetra Tech, Inc.



Michael R. Noel
Principal Hydrogeologist

Enclosures
cc: Karen A. Cahill, New York State Department of Environmental Conservation - NYSDEC
Scarlett McLaughlin, Bureau of Environmental Exposure Investigation - NYSDOH
Bob Gibson, General Electric Company
Richard Mator, Bristol-Myers Squibb Company

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Table 1. Domestic Drinking Water Treatment Systems Quarterly Sampling, Abandoned Solvent Center Site - Pompey, NY October 2019

PARAMETER	Bumpus			Scalisi				New York Ambient Water Quality Standards
	Influent	Midpoint	Effluent	Influent	Midpoint	Effluent		
1,1,1-Trichloroethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
1,1-Dichloroethane	ND (0.5)	ND (0.5)	ND (0.5)	1.3	ND (0.5)	ND (0.5)		5
1,1-Dichloroethene	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
1,2,4-Trimethylbenzene	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
Chloromethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
cis-1,2-Dichloroethene	ND (0.5)	ND (0.5)	ND (0.5)	15	ND (0.5)	ND (0.5)		5
Ethylbenzene	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
Methylene chloride	0.46 J	ND (0.5)	0.53	0.51	ND (0.5)	ND (0.5)		5
Tetrachloroethene	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
Toluene	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5
trans-1,2-Dichloroethene	ND (0.5)	ND (0.5)	ND (0.5)	0.19 J	ND (0.5)	ND (0.5)		5
Trichloroethene	ND (0.5)	ND (0.5)	ND (0.5)	0.51	ND (0.5)	ND (0.5)		5
Vinyl chloride	ND (0.5)	ND (0.5)	ND (0.5)	20	0.28 J	ND (0.5)		2
Xylenes (total)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)		5

Notes:
All units in µg/L (ppb).
'Influent' refers to sample collected prior to first carbon unit.
'Midpoint' refers to sample collected between first and second carbon units.
'Effluent' refers to sample collected after second carbon unit.
ND (1) - Not detected at limit indicated in parentheses.
J - Estimated Value. D - Detected at Secondary Dilution. E - Exceeds calibration control value.
B-Analyte was found in associated blank, as well as in the sample. F1 - MS and/or MSD recovery exceeds control limits.

Table 2. 2019 Domestic Drinking Water Treatment Systems Operations Data, Abandoned Solvent Site - Pompey, NY.

System Location	Activity Performed	Date	Flowmeter Reading (gallons)	Days Water Metered	Estimated Daily Water Use (gallons/day)	Flow Rate (gallons/min)	Pressure Gauge Reading P1 (psi)	ΔP1 (P1-P2) (psi)	Pressure Gauge Reading P2 (psi)	ΔP2 (P2-P3) (psi)	Pressure Gauge Reading P3 (psi)	ΔP3 (P3-P4) (psi)	Pressure Gauge Reading P4 (psi)	ΔP4 (P1-P4) (psi)	Comments
Bumpus Residence	Read gauges prior to sampling	2/5/2019	1033182	9688	65.90	0.046	53	9	44	-8	52	0	52	1	
Scalisi Residence	Read gauges prior to sampling	2/5/2019	2261860	3403	251.80	0.175	46	-1	47	1	46	1	45	1	
Bumpus Residence	Read gauges prior to sampling	4/4/2019	1036868	9746	63.60	0.044	54	10	44	-9	53	0	53	1	
Scalisi Residence	Read gauges prior to sampling	4/4/2019	2275730	3461	239.10	0.166	40	3	37	37	0	-37	37	3	Gauge #3 on Scalisi system removed.
Bumpus Residence	Read gauges prior to sampling	7/19/2019	1044238	9852	69.50	0.048	52	8	44	-7	51	0	51	1	
Scalisi Residence	Read gauges prior to sampling	7/19/2019	2304630	3567	272.60	0.189	50	50	0	-48	48	48	0	50	Gauge #2 cracked, subsequently replaced 7/29
Bumpus Residence	Read gauges prior to sampling	10/3/2019	1049127	9928	64.30	0.045	50	6.5	43.5	-6.5	50	0	50	0	
Scalisi Residence	Read gauges prior to sampling	10/3/2019	2323577	3643	249.30	0.173	53	-1	54	54	0	-55	55	-2	

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	0.2 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	0.53	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

[1] - Duplicate

NA - Not Analyzed

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.098 J	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (1)

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	09/05/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	0.13 J *	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/04/11	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/21/09	07/07/09
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.24 J	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/07/09	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/17/06
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.27 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (0.2)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/06	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	0.47 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Effluent)	Xylenes (total)	5	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1)	ND (1)

Notes:

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S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	11/03/03	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.34 J	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.29 J	ND (0.5)

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/29/98	06/26/98	03/25/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.47 J	ND (0.5)
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Methylene chloride	5	0.97	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Toluene	5	0.34 BJ	1.1	ND (0.5)	ND (0.5)	0.14 J	1.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Effluent)	Xylenes (total)	5	ND (0.5)	0.4 J	ND (0.5)	ND (0.5)	ND (0.5)	0.78	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	12/28/95	07/01/95	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Bumpus (Effluent)	1,1,1-Trichloroethane	5	ND (0.5)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Effluent)	1,2,4-Trimethylbenzene	5	ND (0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	NA	ND	ND	5.2	ND	ND	NA	ND	NA	NA
Bumpus (Effluent)	Acetone	NA	NA	5.6	ND	NA	7.1	NA	NA	NA	NA	NA	ND
Bumpus (Effluent)	Chloromethane	5	ND (0.5)	NA	NA	NA	0.5 J	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Hexachlorobutadiene	NA	ND (0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Methylene chloride	5	ND (0.5)	ND	ND	NA	ND	0.8	NA	NA	NA	NA	4 B
Bumpus (Effluent)	Tetrachloroethene	5	ND (0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Effluent)	Toluene	5	ND (0.5)	NA	ND	ND	NA	ND	ND	NA	NA	NA	NA
Bumpus (Effluent)	Vinyl chloride	2	0.59	0.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Effluent)	Xylenes (total)	5	ND (0.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.081 J	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (1)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

[1] - Duplicate

NA - Not Analyzed

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

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B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	09/05/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	0.1 J *	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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J - Estimated value

D - Identified at secondary dilution

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/04/11	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/21/09	07/07/09
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes:

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T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/07/09	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/17/06
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.26 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (0.2)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	0.44 J	ND (1.5)	ND (1.5)

Notes:

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/06	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Midpoint)	Xylenes (total)	5	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1)	ND (1)

Notes:

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	11/03/03	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	06/26/98	03/25/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96	12/28/95
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.49 J	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	0.94	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Benzene	NA	0.39 J	ND (0.5)	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Bromochloromethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	2.2	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Ethylbenzene	5	0.42 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Toluene	5	3	ND (0.5)	ND (0.5)	0.42 J	1.5	ND (0.5)	ND (0.5)	0.14 J	ND (0.5)	0.9	ND (0.5)
Bumpus (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Midpoint)	Xylenes (total)	5	3.4	ND (0.5)	ND (0.5)	ND (0.5)	0.79	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

[1] - Duplicate

NA - Not Analyzed

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/01/95	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Bumpus (Midpoint)	1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Midpoint)	1,2,4-Trimethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	1,2-Dichloroethane	NA	NA	ND	ND	9	ND	ND	NA	ND	NA	NA
Bumpus (Midpoint)	Acetone	NA	6.4	ND	NA	8.3	NA	NA	NA	NA	NA	ND
Bumpus (Midpoint)	Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Bromochloromethane	NA	NA	NA	NA	NA	0.6	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Chloromethane	5	NA	NA	NA	1.1	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Midpoint)	Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Methylene chloride	5	ND	ND	NA	0.2 B	0.5	NA	NA	NA	NA	1 B
Bumpus (Midpoint)	Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Midpoint)	Toluene	5	NA	ND	ND	NA	ND	ND	NA	NA	NA	NA
Bumpus (Midpoint)	Vinyl chloride	2	ND	ND	ND	0.2 J	ND	ND	ND	ND	ND	ND
Bumpus (Midpoint)	Xylenes (total)	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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S - Surrogate or matrix spike problem

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	0.46 J	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)

Notes:

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NA - Not Analyzed

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B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.24 J	5.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (0.5)	ND (1)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	09/05/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	0.12 J	ND (0.5)	0.1 J	0.13 J	0.13 J	0.25 J	0.42 J	1.7	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/04/11	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/21/09	07/07/09
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.28 J	0.26 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes:

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E - Exceeds calibration value

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/07/09	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/17/06
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Ethylbenzene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1.6	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.28 J	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (0.25)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (0.2)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	1.1 J	ND (1.5)	ND (1.5)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/06	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Ethylbenzene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)
Bumpus (Influent)	Xylenes (total)	5	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1)	ND (1)

Notes:

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	11/03/03	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.34 J	1
Bumpus (Influent)	Ethylbenzene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	06/26/98	03/25/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96	12/28/95
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	1	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.29 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	0.85	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	0.29 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	cis-1,2-Dichloroethene	5	3.4	3.4	2.3	2	2	4.4	2.7	1.9	2.3	5	2.2
Bumpus (Influent)	Ethylbenzene	5	0.29 J	ND (0.5)	ND (0.5)	ND (0.5)	0.35 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Tetrachloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bumpus (Influent)	Toluene	5	2.2	ND (0.5)	ND (0.5)	0.2 J	3	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	0.4 J	ND (0.5)
Bumpus (Influent)	Vinyl chloride	2	0.78	0.57	0.43 J	0.31 J	ND (0.5)	1.3	0.44 J	0.2 J	ND (0.5)	0.75	ND (0.5)
Bumpus (Influent)	Xylenes (total)	5	2.4	ND (0.5)	ND (0.5)	0.11 J	1.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/01/95	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Bumpus (Influent)	1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Influent)	1,1-Dichloroethane	5	0.62 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bumpus (Influent)	1,2,4-Trimethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	1,2-Dichloroethane	NA	NA	1.1	ND	7.4	ND	ND	NA	ND	NA	NA
Bumpus (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	3.2	NA	NA	NA	NA	NA
Bumpus (Influent)	Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	ND	0.5	NA	NA	NA	NA
Bumpus (Influent)	Chloromethane	5	NA	NA	NA	0.9 J	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	cis-1,2-Dichloroethene	5	7.7	2.6	1.7	2.6	1.6	0.8	2.5	3.1	2.2	2
Bumpus (Influent)	Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Methylene chloride	5	ND	ND	NA	ND	0.5	NA	NA	NA	NA	2 B
Bumpus (Influent)	Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bumpus (Influent)	Toluene	5	NA	ND	ND	NA	ND	0.1	NA	NA	NA	NA
Bumpus (Influent)	Vinyl chloride	2	1.1	ND	ND	0.3 J	ND	ND	ND	ND	ND	ND
Bumpus (Influent)	Xylenes (total)	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.18 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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C - Instrument calibration or resolution problem

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T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

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D - Identified at secondary dilution

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12	10/04/11
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/14/09	07/07/09	04/07/09
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	0.41 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)

Notes:

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/11/06	07/13/06
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.26 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04	11/03/03
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.69	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00	06/26/98
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Benzene	NA	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloroform	NA	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Chloromethane	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Methylene chloride	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Toluene	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Trichloroethene	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Effluent)	Vinyl chloride	2	ND (1)	ND (0.5)	0.27 J	ND (0.5)	0.73	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/27/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96	12/28/95	07/01/95
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Effluent)	Benzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Effluent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Effluent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	2.9	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Effluent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Effluent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Effluent)	Trichloroethene	5	ND (0.5)	ND (0.5)	0.11 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Effluent)	Vinyl chloride	2	ND (0.5)	ND (0.5)	0.18 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

[1] - Duplicate

Prior to June 2000, Scalisi residence was known as Shedlock Residence.

NA - Not Analyzed

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Scalisi (Effluent)	1,2-Dichloroethane	NA	ND	ND	ND	ND	ND	NA	0.7	NA	NA
Scalisi (Effluent)	Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Effluent)	Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Effluent)	Chloromethane	5	NA	NA	ND	NA	NA	NA	NA	NA	NA
Scalisi (Effluent)	cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Scalisi (Effluent)	Methylene chloride	5	ND	NA	ND	0.8	NA	NA	NA	NA	2 B
Scalisi (Effluent)	Toluene	5	ND	ND	NA	ND	ND	NA	NA	NA	NA
Scalisi (Effluent)	Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Scalisi (Effluent)	Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

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T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	0.25 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	0.24 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (2.5)	ND (2.5)	ND (2.5)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Vinyl chloride	2	0.28 J	5.9	ND (0.5)	5.1	ND (0.5)	5.7	ND (0.5)	1.3	2.8	ND (0.5)	ND (0.5)

Notes:

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	1.2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	0.24 J	13	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	0.71	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Vinyl chloride	2	ND (0.5)	3	17	0.53	5.2	ND (0.5)	ND (0.5)	2.4	ND (0.5)	0.94	ND (0.5)

Notes:

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E - Exceeds calibration value

J - Estimated value

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12	10/04/11
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Vinyl chloride	2	2.6	ND (0.5)	3.8	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

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D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/14/09	07/07/09	04/07/09
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)

Notes:

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J - Estimated value

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

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R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/11/06	07/13/06
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.27 J	ND (0.5)	2.6	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

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T - Analyzed outside of holding time

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04	11/03/03
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Midpoint)	Vinyl chloride	2	ND (0.5)	0.83	ND (0.5)	2.9	ND (0.5)	0.55	ND (0.5)	ND (0.5)	ND (1)	1.6	ND (1)

Notes:

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00	06/26/98
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Chloromethane	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Methylene chloride	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Trichloroethene	5	ND (1)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Midpoint)	Vinyl chloride	2	2	ND (0.5)	4	ND (0.5)	3.9	1.4	ND (0.5)	0.64	ND (0.5)	ND (0.5)	ND (0.5)

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

[1] - Duplicate

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NA - Not Analyzed

ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/27/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96	12/28/95	07/01/95
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Midpoint)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
Scalisi (Midpoint)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	1.4	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Midpoint)	Isopropylbenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	NA
Scalisi (Midpoint)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Midpoint)	Trichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND
Scalisi (Midpoint)	Vinyl chloride	2	ND (0.5)	ND (0.5)	0.22 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.71	ND

Notes:

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E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

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C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Scalisi (Midpoint)	1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Scalisi (Midpoint)	1,2-Dichloroethane	NA	1	ND	8.5	ND	ND	NA	ND	NA	NA
Scalisi (Midpoint)	1,2-Dichloroethene (total)	NA	NA	NA	NA	8.4	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Acetone	NA	ND	NA	ND	NA	NA	NA	NA	NA	10 J
Scalisi (Midpoint)	Chloromethane	5	NA	NA	0.9 J	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	cis-1,2-Dichloroethene	5	ND	ND	ND	4.9	3.6	ND	ND	ND	ND
Scalisi (Midpoint)	Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Midpoint)	Methylene chloride	5	ND	NA	ND	0.5	NA	NA	NA	NA	3 B
Scalisi (Midpoint)	Trichloroethene	5	ND	ND	ND	0.7 J	0.5	ND	ND	ND	ND
Scalisi (Midpoint)	Vinyl chloride	2	2.4	1.3	4.7	1.4	0.5	ND	0.5	ND	ND

Notes:

NYSAWQS - New York State Class GA Ambient Water Quality Standard

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E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	10/03/19	07/19/19	04/04/19	02/05/19	10/01/18	07/11/18	04/13/18	01/23/18	11/02/17	07/12/17	04/12/17
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,1-Dichloroethane	5	1.3	1	1.2	1.7	1.2	1.2	1.7	1.2	1.1	1.5	1.4
Scalisi (Influent)	1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.21 J	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	0.23 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	15	12	14	18	14	12	20	15	12	15	15
Scalisi (Influent)	Methylene chloride	5	0.51	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (5)	ND (5)	ND (5)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	0.19 J	ND (0.5)	0.17 J	0.23 J	ND (0.5)	ND (0.5)	0.26 J	0.19 J	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Trichloroethene	5	0.51	0.41 J	0.5	0.52	0.48 J	0.64	0.8	0.64	0.57 J	0.65 J	0.66 J
Scalisi (Influent)	Vinyl chloride	2	20	15	18	25	15	13	28	19	15	20	22

Notes:

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ND (1) - Not detected at indicated detection limit

E - Exceeds calibration value

J - Estimated value

D - Identified at secondary dilution

B - Contaminated field/trip/method blank

C - Instrument calibration or resolution problem

S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/19/17	10/19/16	07/14/16	04/07/16	01/08/16	10/20/15	07/13/15	04/03/15	01/02/15	10/16/14	07/11/14
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	0.096 J
Scalisi (Influent)	1,1-Dichloroethane	5	1.3	1.3	1.2	1.5	1.2	1.4	1.3	1.7	1.5	1.6	1.4
Scalisi (Influent)	1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	0.14 J
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	15	14	13	17	14	16	15	20 F1	17	17	16
Scalisi (Influent)	Methylene chloride	5	ND (2.5)	ND (2.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (0.5)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Trichloroethene	5	0.69	0.57	0.75	0.97	0.67 J	0.8 J	0.79	1	1	1.1	1
Scalisi (Influent)	Vinyl chloride	2	NA	21 E	17	21 E	21	22	21 E	25 F1	23	31	22 E

Notes:

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/01/14	01/06/14	10/03/13	07/08/13	04/09/13	01/10/13	10/09/12	08/27/12	04/03/12	01/10/12	10/04/11
Scalisi (Influent)	1,1,1-Trichloroethane	5	0.1 J	0.12 J	ND (0.5)	0.075 J	0.085 J	0.083 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,1-Dichloroethane	5	1.3	1.7	1.2	1.1	1	1.3	1.1	1.4	0.97	1.2	0.93
Scalisi (Influent)	1,1-Dichloroethene	5	0.13 J	0.16 J	0.11 J	0.099 J	0.1 J	0.12 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	16	20	13	12	12	15	13	17	12	14	12
Scalisi (Influent)	Methylene chloride	5	ND (0.5)	0.61 J,D,B	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.12 J	0.35 J	0.44 J	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Trichloroethene	5	1	1.2	0.99	0.92	0.9	1.1	0.94	1.1	0.95	1.3	0.85
Scalisi (Influent)	Vinyl chloride	2	19	31 E *	20	17	14	19	14	21 E	14	15	12

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/13/11	05/26/11	02/14/11	01/05/11	10/06/10	07/13/10	04/06/10	01/06/10	10/14/09	07/07/09	04/07/09
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	0.1 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	1,1-Dichloroethane	5	1.4	1.2	0.98	1.2	1.1	0.95	1	1	1.1	0.91	1.1
Scalisi (Influent)	1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	0.13 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	0.31 J	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	16	13	12	14	15	12	13	13	13	12	13
Scalisi (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.25)
Scalisi (Influent)	Trichloroethene	5	1.4	1.2	1	1.1	1	0.94	0.96	0.97	1.1	1.1	1.3
Scalisi (Influent)	Vinyl chloride	2	20	12	13	17	14	7.4	9.4	8.6	7.8	5.9	6

Notes:

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J - Estimated value

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S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	01/09/09	11/03/08	07/08/08	04/01/08	01/03/08	10/02/07	07/10/07	04/10/07	01/02/07	10/11/06	07/13/06
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,1-Dichloroethane	5	0.93	0.97	0.96	1	0.83	1	1.3	1	1.1	ND (0.5)	1.2
Scalisi (Influent)	1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	11	9.9	12	11	10	11	17	12	13	ND (0.5)	16
Scalisi (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Scalisi (Influent)	Trichloroethene	5	1.2	1.1	1.5	1.4	1.2	1.6	2.1	1.6	1.8	ND (0.5)	1.6
Scalisi (Influent)	Vinyl chloride	2	5.7	6	4.1	4	4.2	4.2	6.9	5	5.7	ND (0.5)	7.1

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F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/11/06	01/05/06	10/04/05	07/12/05	04/05/05	01/04/05	10/07/04	07/06/04	04/06/04	01/05/04	11/03/03
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,1-Dichloroethane	5	0.96	1.3	1.1	1.5	1.1	1.2	1.3	1.8	1.5	1.7	ND (1)
Scalisi (Influent)	1,1-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.56 B	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.36 J	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Chloromethane	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	12	16	14	18	14	16	ND (0.5)	22 E	19	22	24
Scalisi (Influent)	Methylene chloride	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Naphthalene	NA	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.45 J	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Toluene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (1)	ND (1)	ND (1)
Scalisi (Influent)	Trichloroethene	5	1.6	2.1	1.8	2.7	2	2	2.1	2.9	2.3	2.9	2.7
Scalisi (Influent)	Vinyl chloride	2	4.9	5.9	5.7	8.4	5.8	7.6	7.2	9.2	12	12	11

Notes:

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S - Surrogate or matrix spike problem

T - Analyzed outside of holding time

R - Rejected

F1 - MS and/or MSD recovery exceeds control limits.

Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	07/01/03	04/14/03	01/28/03	10/16/02	09/09/02	07/17/02	04/24/02	01/16/02	04/10/01	06/26/00	06/26/98
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	1,1-Dichloroethane	5	1.1	2.1	2	1.5	1.4	1.6	1.5	1.4	1.4	2.6	4.7
Scalisi (Influent)	1,1-Dichloroethene	5	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	0.23 J	ND (4)
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	Chloromethane	5	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	3.7	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	cis-1,2-Dichloroethene	5	15	31 D	27	22	17 D	22 E	19	21	20	31	92
Scalisi (Influent)	Methylene chloride	5	ND (1)	ND (0.5)	ND (1)	0.53 J	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	0.45 J	ND (0.5)	ND (4)
Scalisi (Influent)	Naphthalene	NA	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	Toluene	5	ND (1)	ND (0.5)	ND (1)	ND (1)	0.22 J	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (1)	ND (0.5)	ND (1)	ND (1)	ND (0.5)	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (0.5)	ND (4)
Scalisi (Influent)	Trichloroethene	5	1.8	3.4	2.9	2.8	2.6	2.7	2.6	2.7	2.4	4	2.8 J
Scalisi (Influent)	Vinyl chloride	2	5.2	9.4	9	7.8	6.7	5.2	3.9	3.8	1.4	2.2	7

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	04/27/98	12/09/97	09/26/97	07/07/97	03/18/97	12/18/96	09/26/96	06/27/96	03/28/96	12/28/95	07/01/95
Scalisi (Influent)	1,1,1-Trichloroethane	5	ND (5)	ND (2.5)	ND (5)	ND (5)	1.7	ND (5)	0.82 J	ND (4)	1.3	0.71	0.95
Scalisi (Influent)	1,1-Dichloroethane	5	4.1 J	3.8	ND (5)	5.9	15	8.2	7.4	7.4	8.8	5.2	6.7
Scalisi (Influent)	1,1-Dichloroethene	5	ND (5)	ND (2.5)	ND (5)	ND (5)	1.4	ND (5)	ND (4)	ND (4)	0.75	0.47 J	0.7 J
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	1,2-Dichloroethane	NA	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	0.5 BJ	ND (4)	ND (0.5)	ND (0.5)	ND
Scalisi (Influent)	Chloromethane	5	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	cis-1,2-Dichloroethene	5	88	80	96	100	200 E	130	120	110	140 E	90 E	8.6 D
Scalisi (Influent)	Methylene chloride	5	ND (5)	ND (2.5)	2.1 BJ	ND (5)	ND (0.5)	2 J	1.4 BJ	ND (4)	ND (0.5)	ND (0.5)	ND
Scalisi (Influent)	Naphthalene	NA	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	Toluene	5	ND (5)	ND (2.5)	ND (5)	ND (5)	ND (0.5)	ND (5)	ND (4)	ND (4)	ND (0.5)	ND (0.5)	NA
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND (5)	ND (2.5)	ND (5)	ND (5)	0.6	ND (5)	ND (4)	ND (4)	0.5	ND (0.5)	NA
Scalisi (Influent)	Trichloroethene	5	3 J	2.9	4.1 J	5.1	4.2	6.1	5	8.1	8.1	6.8	9.8
Scalisi (Influent)	Vinyl chloride	2	7.7	6.8	6.8	5.2	45 E	13	9.8	9.8	15	6.2	9.1

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Appendix A. Recent and Historic results of sampling in residential wells with treatment systems (µg/L), Abandoned Solvent Center Site - Pompey, NY.

DisplayName	ANALYTE	NYSAWQS	03/01/95	01/01/95	09/01/94	12/01/93	09/01/93	12/18/92	12/01/92	09/08/92	06/22/92
Scalisi (Influent)	1,1,1-Trichloroethane	5	1.5	1.3	0.8 J	1.6	0.4	1.2 b	1.4 b	1.9 b	2
Scalisi (Influent)	1,1-Dichloroethane	5	8.5	7.2	5.5	8.3	5.1	5.9	6.6	7.3	8.5 b
Scalisi (Influent)	1,1-Dichloroethene	5	1	0.8 J	0.5 J	0.9 J	0.5	0.7 b	0.9 b	1 b	1
Scalisi (Influent)	1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	1,2-Dichloroethane	NA	ND	ND	ND	ND	ND	NA	0.7	NA	NA
Scalisi (Influent)	1,2-Dichloroethene (total)	NA	NA	NA	NA	120	NA	NA	NA	NA	NA
Scalisi (Influent)	Carbon disulfide	NA	NA	NA	NA	6.2 a	9.6	NA	NA	NA	NA
Scalisi (Influent)	Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Chloromethane	5	NA	NA	ND	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	cis-1,2-Dichloroethene	5	110 D	79 D	71	88	84	98	113 c	105	125 b
Scalisi (Influent)	Methylene chloride	5	ND	NA	ND	0.8	NA	NA	NA	NA	7.5 b
Scalisi (Influent)	Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scalisi (Influent)	Toluene	5	ND	ND	NA	ND	0.2	NA	NA	NA	NA
Scalisi (Influent)	trans-1,2-Dichloroethene	5	ND	0.3 J	ND	ND	0.5	0.5 b	0.5 b	ND	0.4
Scalisi (Influent)	Trichloroethene	5	9	10	9	12	9.6	14	13	14.5	17.5 c
Scalisi (Influent)	Vinyl chloride	2	19	13	5.4	20	7	7.2	8	6.8	11 B

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F1 - MS and/or MSD recovery exceeds control limits.

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ANALYTICAL REPORT

Job Number: 480-160248-1

Job Description: GE Pompey

For:
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Brookfield, WI 53045

Attention: Michael Noel

Approved for release.
Rebecca M Jones
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10/11/2019

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Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job Narrative
480-160248-1

Receipt
The samples were received on 10/4/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 524.2: The continuing calibration verification (CCV) associated with batch 460-646225 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected in the RL standard. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 524.2: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-646225 recovered outside control limits for the following analytes: Dichlorodifluoromethane (biased low). This analyte was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Client Sample ID: BUMPUS EFF — Lab Sample ID: 480-160248-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.53		0.50	0.42	ug/L	1		524.2	Total/NA

Client Sample ID: BUMPUS INF — Lab Sample ID: 480-160248-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.46	J	0.50	0.42	ug/L	1		524.2	Total/NA

Client Sample ID: BUMPUS MID — Lab Sample ID: 480-160248-3

No Detections.

Client Sample ID: SCALISIS EFF — Lab Sample ID: 480-160248-4

No Detections.

Client Sample ID: SCALISIS INF — Lab Sample ID: 480-160248-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		0.50	0.14	ug/L	1		524.2	Total/NA
cis-1,2-Dichloroethene	15		0.50	0.14	ug/L	1		524.2	Total/NA
Methylene Chloride	0.51		0.50	0.42	ug/L	1		524.2	Total/NA
trans-1,2-Dichloroethene	0.19	J	0.50	0.13	ug/L	1		524.2	Total/NA
Trichloroethene	0.51		0.50	0.11	ug/L	1		524.2	Total/NA
Vinyl chloride	20		0.50	0.25	ug/L	1		524.2	Total/NA

Client Sample ID: SCALISIS MID — Lab Sample ID: 480-160248-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.28	J	0.50	0.25	ug/L	1		524.2	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BUMPUS EFF

Date Collected: 10/03/19 15:40
Date Received: 10/04/19 08:00

Lab Sample ID: 480-160248-1

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 04:52	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 04:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 04:52	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 04:52	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 04:52	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 04:52	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 04:52	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 04:52	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 04:52	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 04:52	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 04:52	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 04:52	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 04:52	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 04:52	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 04:52	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 04:52	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 04:52	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 04:52	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 04:52	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 04:52	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 04:52	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 04:52	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 04:52	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 04:52	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 04:52	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 04:52	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 04:52	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 04:52	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 04:52	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 04:52	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 04:52	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 04:52	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 04:52	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 04:52	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 04:52	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 04:52	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 04:52	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 04:52	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 04:52	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 04:52	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 04:52	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 04:52	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 04:52	1
Methylene Chloride	**0.53**		0.50	0.42	ug/L			10/11/19 04:52	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 04:52	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 04:52	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 04:52	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 04:52	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 04:52	1

Client Sample ID: BUMPUS EFF

Lab Sample ID: 480-160248-1

Date Collected: 10/03/19 15:40

Matrix: Water

Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 04:52	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 04:52	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 04:52	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 04:52	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 04:52	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 04:52	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 04:52	1
Vinyl chloride	ND		0.50	0.25	ug/L			10/11/19 04:52	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*10/11/19 04:52*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*106*		*70 - 130*		*10/11/19 04:52*	*1*

Client Sample ID: BUMPUS INF

Lab Sample ID: 480-160248-2

Date Collected: 10/03/19 15:25

Matrix: Water

Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 07:36	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 07:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 07:36	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 07:36	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 07:36	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 07:36	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 07:36	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 07:36	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 07:36	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 07:36	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 07:36	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 07:36	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 07:36	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 07:36	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 07:36	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 07:36	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 07:36	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 07:36	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 07:36	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 07:36	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 07:36	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 07:36	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 07:36	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 07:36	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 07:36	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 07:36	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 07:36	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 07:36	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 07:36	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 07:36	1

Client Sample ID: BUMPUS INF

Lab Sample ID: 480-160248-2

Date Collected: 10/03/19 15:25
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 07:36	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 07:36	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 07:36	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 07:36	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 07:36	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 07:36	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 07:36	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 07:36	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 07:36	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 07:36	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 07:36	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 07:36	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 07:36	1
Methylene Chloride	**0.46**	**J**	0.50	0.42	ug/L			10/11/19 07:36	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 07:36	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 07:36	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 07:36	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 07:36	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 07:36	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 07:36	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 07:36	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 07:36	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 07:36	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 07:36	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 07:36	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 07:36	1
Vinyl chloride	ND		0.50	0.25	ug/L			10/11/19 07:36	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*10/11/19 07:36*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*109*		*70 - 130*		*10/11/19 07:36*	*1*

Client Sample ID: BUMPUS MID

Lab Sample ID: 480-160248-3

Date Collected: 10/03/19 15:35
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 06:26	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 06:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 06:26	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 06:26	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 06:26	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 06:26	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 06:26	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:26	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 06:26	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:26	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 06:26	1

Client Sample ID: BUMPUS MID

Date Collected: 10/03/19 15:35
Date Received: 10/04/19 08:00

Lab Sample ID: 480-160248-3

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 06:26	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 06:26	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 06:26	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 06:26	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 06:26	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 06:26	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 06:26	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 06:26	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 06:26	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 06:26	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 06:26	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 06:26	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 06:26	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 06:26	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 06:26	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 06:26	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 06:26	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 06:26	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 06:26	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 06:26	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:26	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 06:26	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 06:26	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 06:26	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 06:26	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 06:26	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 06:26	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 06:26	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 06:26	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 06:26	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 06:26	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:26	1
Methylene Chloride	ND		0.50	0.42	ug/L			10/11/19 06:26	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 06:26	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:26	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:26	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 06:26	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 06:26	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 06:26	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 06:26	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 06:26	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 06:26	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 06:26	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 06:26	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 06:26	1
Vinyl chloride	ND		0.50	0.25	ug/L			10/11/19 06:26	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*10/11/19 06:26*	*1*

Client Sample ID: BUMPUS MID

Lab Sample ID: 480-160248-3

Date Collected: 10/03/19 15:35
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*70 - 130*		*10/11/19 06:26*	*1*

Client Sample ID: SCALISIS EFF

Lab Sample ID: 480-160248-4

Date Collected: 10/03/19 14:30
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 05:16	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 05:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 05:16	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 05:16	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 05:16	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 05:16	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 05:16	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 05:16	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 05:16	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 05:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 05:16	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 05:16	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 05:16	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 05:16	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 05:16	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 05:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 05:16	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 05:16	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 05:16	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 05:16	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 05:16	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 05:16	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 05:16	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 05:16	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 05:16	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 05:16	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 05:16	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 05:16	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 05:16	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 05:16	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 05:16	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 05:16	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 05:16	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 05:16	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 05:16	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 05:16	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 05:16	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 05:16	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 05:16	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 05:16	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 05:16	1

Client Sample ID: SCALISIS EFF

Lab Sample ID: 480-160248-4

Date Collected: 10/03/19 14:30

Matrix: Water

Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 05:16	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 05:16	1
Methylene Chloride	ND		0.50	0.42	ug/L			10/11/19 05:16	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 05:16	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 05:16	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 05:16	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 05:16	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 05:16	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 05:16	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 05:16	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 05:16	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 05:16	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 05:16	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 05:16	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 05:16	1
Vinyl chloride	ND		0.50	0.25	ug/L			10/11/19 05:16	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*10/11/19 05:16*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*101*		*70 - 130*		*10/11/19 05:16*	*1*

Client Sample ID: SCALISIS INF

Lab Sample ID: 480-160248-5

Date Collected: 10/03/19 14:35

Matrix: Water

Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 08:00	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 08:00	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 08:00	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 08:00	1
1,1-Dichloroethane	**1.3**		0.50	0.14	ug/L			10/11/19 08:00	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 08:00	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 08:00	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 08:00	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 08:00	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 08:00	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 08:00	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 08:00	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 08:00	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 08:00	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 08:00	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 08:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 08:00	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 08:00	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 08:00	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 08:00	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 08:00	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 08:00	1

Client Sample ID: SCALISIS INF

Lab Sample ID: 480-160248-5

Date Collected: 10/03/19 14:35
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 08:00	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 08:00	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 08:00	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 08:00	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 08:00	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 08:00	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 08:00	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 08:00	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 08:00	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 08:00	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 08:00	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 08:00	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 08:00	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 08:00	1
cis-1,2-Dichloroethene	**15**		0.50	0.14	ug/L			10/11/19 08:00	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 08:00	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 08:00	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 08:00	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 08:00	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 08:00	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 08:00	1
Methylene Chloride	**0.51**		0.50	0.42	ug/L			10/11/19 08:00	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 08:00	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 08:00	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 08:00	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 08:00	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 08:00	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 08:00	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 08:00	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 08:00	1
trans-1,2-Dichloroethene	**0.19**	**J**	0.50	0.13	ug/L			10/11/19 08:00	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 08:00	1
Trichloroethene	**0.51**		0.50	0.11	ug/L			10/11/19 08:00	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 08:00	1
Vinyl chloride	**20**		0.50	0.25	ug/L			10/11/19 08:00	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*10/11/19 08:00*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*111*		*70 - 130*		*10/11/19 08:00*	*1*

Client Sample ID: SCALISIS MID

Lab Sample ID: 480-160248-6

Date Collected: 10/03/19 14:45
Matrix: Water
Date Received: 10/04/19 08:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 06:49	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 06:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 06:49	1

Client Sample ID: SCALISIS MID
Date Collected: 10/03/19 14:45
Date Received: 10/04/19 08:00

Lab Sample ID: 480-160248-6
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 06:49	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 06:49	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 06:49	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 06:49	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:49	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 06:49	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 06:49	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 06:49	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 06:49	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 06:49	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 06:49	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 06:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 06:49	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 06:49	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 06:49	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 06:49	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 06:49	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 06:49	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 06:49	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 06:49	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 06:49	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 06:49	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 06:49	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 06:49	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 06:49	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 06:49	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 06:49	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 06:49	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 06:49	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 06:49	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 06:49	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 06:49	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 06:49	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 06:49	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 06:49	1
Dichlorodifluoromethane	ND	*	0.50	0.30	ug/L			10/11/19 06:49	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 06:49	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 06:49	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:49	1
Methylene Chloride	ND		0.50	0.42	ug/L			10/11/19 06:49	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 06:49	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:49	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 06:49	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 06:49	1
Styrene	ND		0.50	0.090	ug/L			10/11/19 06:49	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 06:49	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 06:49	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 06:49	1

Client Sample ID: SCALISIS MID

Date Collected: 10/03/19 14:45
Date Received: 10/04/19 08:00

Lab Sample ID: 480-160248-6

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 06:49	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 06:49	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 06:49	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 06:49	1
Vinyl chloride	**0.28**	**J**	0.50	0.25	ug/L			10/11/19 06:49	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*10/11/19 06:49*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*112*		*70 - 130*		*10/11/19 06:49*	*1*

Default Detection Limits

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	0.50	0.12	ug/L
1,1,1-Trichloroethane	0.50	0.17	ug/L
1,1,2,2-Tetrachloroethane	0.50	0.15	ug/L
1,1,2-Trichloroethane	0.50	0.090	ug/L
1,1-Dichloroethane	0.50	0.14	ug/L
1,1-Dichloroethene	0.50	0.19	ug/L
1,1-Dichloropropene	0.50	0.18	ug/L
1,2,3-Trichlorobenzene	0.50	0.10	ug/L
1,2,3-Trichloropropane	0.50	0.14	ug/L
1,2,4-Trichlorobenzene	0.50	0.10	ug/L
1,2,4-Trimethylbenzene	0.50	0.10	ug/L
1,2-Dibromo-3-Chloropropane	0.50	0.35	ug/L
1,2-Dibromoethane (EDB)	0.50	0.13	ug/L
1,2-Dichlorobenzene	0.50	0.11	ug/L
1,2-Dichloroethane	0.50	0.11	ug/L
1,2-Dichloropropane	0.50	0.11	ug/L
1,3,5-Trimethylbenzene	0.50	0.12	ug/L
1,3-Dichlorobenzene	0.50	0.090	ug/L
1,3-Dichloropropane	0.50	0.090	ug/L
1,4-Dichlorobenzene	0.50	0.090	ug/L
2,2-Dichloropropane	0.50	0.15	ug/L
2-Chlorotoluene	0.50	0.10	ug/L
4-Chlorotoluene	0.50	0.11	ug/L
4-Isopropyltoluene	0.50	0.13	ug/L
Benzene	0.50	0.11	ug/L
Bromobenzene	0.50	0.070	ug/L
Bromochloromethane	0.50	0.10	ug/L
Bromodichloromethane	0.50	0.090	ug/L
Bromoform	0.50	0.080	ug/L
Bromomethane	0.50	0.14	ug/L
Carbon tetrachloride	0.50	0.17	ug/L
Chlorobenzene	0.50	0.10	ug/L
Chloroethane	0.50	0.23	ug/L
Chloroform	0.50	0.12	ug/L
Chloromethane	0.50	0.18	ug/L
cis-1,2-Dichloroethene	0.50	0.14	ug/L
cis-1,3-Dichloropropene	0.50	0.080	ug/L
Dibromochloromethane	0.50	0.15	ug/L
Dibromomethane	0.50	0.10	ug/L
Dichlorodifluoromethane	0.50	0.30	ug/L
Ethylbenzene	0.50	0.090	ug/L
Hexachlorobutadiene	0.50	0.19	ug/L
Isopropylbenzene	0.50	0.14	ug/L
Methylene Chloride	0.50	0.42	ug/L
Naphthalene	0.50	0.080	ug/L
n-Butylbenzene	0.50	0.14	ug/L
N-Propylbenzene	0.50	0.14	ug/L
sec-Butylbenzene	0.50	0.15	ug/L
Styrene	0.50	0.090	ug/L
tert-Butylbenzene	0.50	0.16	ug/L
Tetrachloroethene	0.50	0.14	ug/L
Toluene	0.50	0.11	ug/L
trans-1,2-Dichloroethene	0.50	0.13	ug/L

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	RL	MDL	Units
trans-1,3-Dichloropropene	0.50	0.13	ug/L
Trichloroethene	0.50	0.11	ug/L
Trichlorofluoromethane	0.50	0.27	ug/L
Vinyl chloride	0.50	0.25	ug/L
Xylenes, Total	0.50	0.32	ug/L

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB	DCZ										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
480-160248-1	BUMPUS EFF	107	106										
480-160248-2	BUMPUS INF	107	109										
480-160248-3	BUMPUS MID	107	107										
480-160248-4	SCALISIS EFF	107	101										
480-160248-5	SCALISIS INF	102	111										
480-160248-6	SCALISIS MID	106	112										
LCS 460-646225/4	Lab Control Sample	104	109										
LCSD 460-646225/5	Lab Control Sample Dup	109	108										
MB 460-646225/9	Method Blank	104	108										

Surrogate Legend

BFB = 4-Bromofluorobenzene

DCZ = 1,2-Dichlorobenzene-d4 (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-646225/9
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			10/11/19 01:45	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			10/11/19 01:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			10/11/19 01:45	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			10/11/19 01:45	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			10/11/19 01:45	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			10/11/19 01:45	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			10/11/19 01:45	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 01:45	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			10/11/19 01:45	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			10/11/19 01:45	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			10/11/19 01:45	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.35	ug/L			10/11/19 01:45	1
1,2-Dibromoethane (EDB)	ND		0.50	0.13	ug/L			10/11/19 01:45	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			10/11/19 01:45	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			10/11/19 01:45	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			10/11/19 01:45	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			10/11/19 01:45	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 01:45	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			10/11/19 01:45	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			10/11/19 01:45	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			10/11/19 01:45	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			10/11/19 01:45	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			10/11/19 01:45	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			10/11/19 01:45	1
Benzene	ND		0.50	0.11	ug/L			10/11/19 01:45	1
Bromobenzene	ND		0.50	0.070	ug/L			10/11/19 01:45	1
Bromochloromethane	ND		0.50	0.10	ug/L			10/11/19 01:45	1
Bromodichloromethane	ND		0.50	0.090	ug/L			10/11/19 01:45	1
Bromoform	ND		0.50	0.080	ug/L			10/11/19 01:45	1
Bromomethane	ND		0.50	0.14	ug/L			10/11/19 01:45	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			10/11/19 01:45	1
Chlorobenzene	ND		0.50	0.10	ug/L			10/11/19 01:45	1
Dibromochloromethane	ND		0.50	0.15	ug/L			10/11/19 01:45	1
Chloroethane	ND		0.50	0.23	ug/L			10/11/19 01:45	1
Chloroform	ND		0.50	0.12	ug/L			10/11/19 01:45	1
Chloromethane	ND		0.50	0.18	ug/L			10/11/19 01:45	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			10/11/19 01:45	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/11/19 01:45	1
Dibromomethane	ND		0.50	0.10	ug/L			10/11/19 01:45	1
Dichlorodifluoromethane	ND		0.50	0.30	ug/L			10/11/19 01:45	1
Ethylbenzene	ND		0.50	0.090	ug/L			10/11/19 01:45	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			10/11/19 01:45	1
Isopropylbenzene	ND		0.50	0.14	ug/L			10/11/19 01:45	1
Methylene Chloride	ND		0.50	0.42	ug/L			10/11/19 01:45	1
Naphthalene	ND		0.50	0.080	ug/L			10/11/19 01:45	1
n-Butylbenzene	ND		0.50	0.14	ug/L			10/11/19 01:45	1
N-Propylbenzene	ND		0.50	0.14	ug/L			10/11/19 01:45	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			10/11/19 01:45	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-646225/9
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.090	ug/L			10/11/19 01:45	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			10/11/19 01:45	1
Tetrachloroethene	ND		0.50	0.14	ug/L			10/11/19 01:45	1
Toluene	ND		0.50	0.11	ug/L			10/11/19 01:45	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			10/11/19 01:45	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			10/11/19 01:45	1
Trichloroethene	ND		0.50	0.11	ug/L			10/11/19 01:45	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			10/11/19 01:45	1
Vinyl chloride	ND		0.50	0.25	ug/L			10/11/19 01:45	1
Xylenes, Total	ND		0.50	0.32	ug/L			10/11/19 01:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*10/11/19 01:45*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*108*		*70 - 130*		*10/11/19 01:45*	*1*

Lab Sample ID: LCS 460-646225/4
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.00	2.06		ug/L		103	70 - 130
1,1,1-Trichloroethane	2.00	2.07		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	2.00	2.24		ug/L		112	70 - 130
1,1,2-Trichloroethane	2.00	2.27		ug/L		114	70 - 130
1,1-Dichloroethane	2.00	2.24		ug/L		112	70 - 130
1,1-Dichloroethene	2.00	2.04		ug/L		102	70 - 130
1,1-Dichloropropene	2.00	1.99		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	2.00	2.00		ug/L		100	70 - 130
1,2,3-Trichloropropane	2.00	1.89		ug/L		95	70 - 130
1,2,4-Trichlorobenzene	2.00	2.01		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	2.00	1.95		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	2.00	2.05		ug/L		102	70 - 130
1,2-Dibromoethane (EDB)	2.00	2.07		ug/L		103	70 - 130
1,2-Dichlorobenzene	2.00	2.06		ug/L		103	70 - 130
1,2-Dichloroethane	2.00	2.40		ug/L		120	70 - 130
1,2-Dichloropropane	2.00	2.19		ug/L		110	70 - 130
1,3,5-Trimethylbenzene	2.00	1.97		ug/L		99	70 - 130
1,3-Dichlorobenzene	2.00	2.07		ug/L		104	70 - 130
1,3-Dichloropropane	2.00	2.19		ug/L		110	70 - 130
1,4-Dichlorobenzene	2.00	2.13		ug/L		107	70 - 130
2,2-Dichloropropane	2.00	2.03		ug/L		102	70 - 130
2-Chlorotoluene	2.00	1.99		ug/L		99	70 - 130
4-Chlorotoluene	2.00	2.03		ug/L		102	70 - 130
4-Isopropyltoluene	2.00	1.89		ug/L		95	70 - 130
Benzene	2.00	2.11		ug/L		106	70 - 130
Bromobenzene	2.00	1.90		ug/L		95	70 - 130
Bromochloromethane	2.00	2.19		ug/L		110	70 - 130
Bromodichloromethane	2.00	2.11		ug/L		105	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-646225/4
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	2.00	1.95		ug/L		98	70 - 130
Bromomethane	2.00	2.42		ug/L		121	70 - 130
Carbon tetrachloride	2.00	1.95		ug/L		98	70 - 130
Chlorobenzene	2.00	2.02		ug/L		101	70 - 130
Dibromochloromethane	2.00	2.00		ug/L		100	70 - 130
Chloroethane	2.00	1.96		ug/L		98	70 - 130
Chloroform	2.00	2.24		ug/L		112	70 - 130
Chloromethane	2.00	1.63		ug/L		81	70 - 130
cis-1,2-Dichloroethene	2.00	2.02		ug/L		101	70 - 130
cis-1,3-Dichloropropene	2.00	2.20		ug/L		110	70 - 130
Dibromomethane	2.00	2.19		ug/L		110	70 - 130
Dichlorodifluoromethane	2.00	1.09	*	ug/L		55	70 - 130
Ethylbenzene	2.00	1.98		ug/L		99	70 - 130
Hexachlorobutadiene	2.00	1.71		ug/L		86	70 - 130
Isopropylbenzene	2.00	1.92		ug/L		96	70 - 130
Methylene Chloride	2.00	2.20		ug/L		110	70 - 130
Naphthalene	2.00	1.93		ug/L		97	70 - 130
n-Butylbenzene	2.00	1.94		ug/L		97	70 - 130
N-Propylbenzene	2.00	2.04		ug/L		102	70 - 130
sec-Butylbenzene	2.00	1.92		ug/L		96	70 - 130
Styrene	2.00	2.05		ug/L		103	70 - 130
tert-Butylbenzene	2.00	2.00		ug/L		100	70 - 130
Tetrachloroethene	2.00	2.02		ug/L		101	70 - 130
Toluene	2.00	2.02		ug/L		101	70 - 130
trans-1,2-Dichloroethene	2.00	2.17		ug/L		109	70 - 130
trans-1,3-Dichloropropene	2.00	1.84		ug/L		92	70 - 130
Trichloroethene	2.00	2.14		ug/L		107	70 - 130
Trichlorofluoromethane	2.00	1.85		ug/L		93	70 - 130
Vinyl chloride	2.00	1.75		ug/L		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
1,2-Dichlorobenzene-d4 (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 460-646225/5
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	2.00	1.99		ug/L		99	70 - 130	3	30
1,1,1-Trichloroethane	2.00	2.12		ug/L		106	70 - 130	2	30
1,1,2,2-Tetrachloroethane	2.00	2.28		ug/L		114	70 - 130	2	30
1,1,2-Trichloroethane	2.00	2.22		ug/L		111	70 - 130	2	30
1,1-Dichloroethane	2.00	2.30		ug/L		115	70 - 130	3	30
1,1-Dichloroethene	2.00	2.13		ug/L		107	70 - 130	4	30
1,1-Dichloropropene	2.00	2.11		ug/L		106	70 - 130	6	30
1,2,3-Trichlorobenzene	2.00	1.93		ug/L		97	70 - 130	4	30
1,2,3-Trichloropropane	2.00	1.96		ug/L		98	70 - 130	3	30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-646225/5
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.00	1.94		ug/L		97	70 - 130	3	30
1,2,4-Trimethylbenzene	2.00	2.00		ug/L		100	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	2.00	1.92		ug/L		96	70 - 130	6	30
1,2-Dibromoethane (EDB)	2.00	2.19		ug/L		109	70 - 130	6	30
1,2-Dichlorobenzene	2.00	2.14		ug/L		107	70 - 130	4	30
1,2-Dichloroethane	2.00	2.29		ug/L		114	70 - 130	5	30
1,2-Dichloropropane	2.00	2.22		ug/L		111	70 - 130	1	30
1,3,5-Trimethylbenzene	2.00	2.00		ug/L		100	70 - 130	1	30
1,3-Dichlorobenzene	2.00	2.10		ug/L		105	70 - 130	1	30
1,3-Dichloropropane	2.00	2.18		ug/L		109	70 - 130	0	30
1,4-Dichlorobenzene	2.00	2.05		ug/L		102	70 - 130	4	30
2,2-Dichloropropane	2.00	2.11		ug/L		106	70 - 130	4	30
2-Chlorotoluene	2.00	1.98		ug/L		99	70 - 130	0	30
4-Chlorotoluene	2.00	2.05		ug/L		103	70 - 130	1	30
4-Isopropyltoluene	2.00	1.95		ug/L		98	70 - 130	3	30
Benzene	2.00	2.18		ug/L		109	70 - 130	3	30
Bromobenzene	2.00	1.94		ug/L		97	70 - 130	2	30
Bromochloromethane	2.00	2.18		ug/L		109	70 - 130	0	30
Bromodichloromethane	2.00	2.19		ug/L		109	70 - 130	4	30
Bromoform	2.00	1.91		ug/L		96	70 - 130	2	30
Bromomethane	2.00	2.49		ug/L		125	70 - 130	3	30
Carbon tetrachloride	2.00	2.00		ug/L		100	70 - 130	2	30
Chlorobenzene	2.00	2.17		ug/L		109	70 - 130	7	30
Dibromochloromethane	2.00	1.99		ug/L		100	70 - 130	0	30
Chloroethane	2.00	1.96		ug/L		98	70 - 130	0	30
Chloroform	2.00	2.23		ug/L		111	70 - 130	0	30
Chloromethane	2.00	1.66		ug/L		83	70 - 130	2	30
cis-1,2-Dichloroethene	2.00	2.03		ug/L		101	70 - 130	0	30
cis-1,3-Dichloropropene	2.00	2.10		ug/L		105	70 - 130	5	30
Dibromomethane	2.00	2.25		ug/L		112	70 - 130	2	30
Dichlorodifluoromethane	2.00	1.08	*	ug/L		54	70 - 130	1	30
Ethylbenzene	2.00	1.96		ug/L		98	70 - 130	1	30
Hexachlorobutadiene	2.00	1.94		ug/L		97	70 - 130	13	30
Isopropylbenzene	2.00	2.09		ug/L		105	70 - 130	9	30
Methylene Chloride	2.00	2.31		ug/L		115	70 - 130	5	30
Naphthalene	2.00	2.06		ug/L		103	70 - 130	6	30
n-Butylbenzene	2.00	1.97		ug/L		99	70 - 130	2	30
N-Propylbenzene	2.00	2.07		ug/L		103	70 - 130	1	30
sec-Butylbenzene	2.00	1.99		ug/L		100	70 - 130	4	30
Styrene	2.00	1.98		ug/L		99	70 - 130	3	30
tert-Butylbenzene	2.00	2.03		ug/L		101	70 - 130	2	30
Tetrachloroethene	2.00	2.03		ug/L		102	70 - 130	1	30
Toluene	2.00	2.07		ug/L		103	70 - 130	2	30
trans-1,2-Dichloroethene	2.00	2.17		ug/L		109	70 - 130	0	30
trans-1,3-Dichloropropene	2.00	2.08		ug/L		104	70 - 130	12	30
Trichloroethene	2.00	2.17		ug/L		109	70 - 130	1	30
Trichlorofluoromethane	2.00	1.90		ug/L		95	70 - 130	3	30
Vinyl chloride	2.00	1.89		ug/L		94	70 - 130	8	30

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-646225/5
Matrix: Water
Analysis Batch: 646225

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	109		70 - 130
1,2-Dichlorobenzene-d4 (Surr)	108		70 - 130

QC Association Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

GC/MS VOA

Analysis Batch: 646225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-160248-1	BUMPUS EFF	Total/NA	Water	524.2	
480-160248-2	BUMPUS INF	Total/NA	Water	524.2	
480-160248-3	BUMPUS MID	Total/NA	Water	524.2	
480-160248-4	SCALISIS EFF	Total/NA	Water	524.2	
480-160248-5	SCALISIS INF	Total/NA	Water	524.2	
480-160248-6	SCALISIS MID	Total/NA	Water	524.2	
MB 460-646225/9	Method Blank	Total/NA	Water	524.2	
LCS 460-646225/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 460-646225/5	Lab Control Sample Dup	Total/NA	Water	524.2	

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Client Sample ID: BUMPUS EFF
Lab Sample ID: 480-160248-1
Date Collected: 10/03/19 15:40
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 04:52	VBP	TAL EDI

Client Sample ID: BUMPUS INF
Lab Sample ID: 480-160248-2
Date Collected: 10/03/19 15:25
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 07:36	VBP	TAL EDI

Client Sample ID: BUMPUS MID
Lab Sample ID: 480-160248-3
Date Collected: 10/03/19 15:35
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 06:26	VBP	TAL EDI

Client Sample ID: SCALISIS EFF
Lab Sample ID: 480-160248-4
Date Collected: 10/03/19 14:30
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 05:16	VBP	TAL EDI

Client Sample ID: SCALISIS INF
Lab Sample ID: 480-160248-5
Date Collected: 10/03/19 14:35
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 08:00	VBP	TAL EDI

Client Sample ID: SCALISIS MID
Lab Sample ID: 480-160248-6
Date Collected: 10/03/19 14:45
Matrix: Water
Date Received: 10/04/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	646225	10/11/19 06:49	VBP	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Tetra Tech GEO
Job ID: 480-160248-1
Project/Site: GE Pompey

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane (EDB)

Method Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL EDI

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Tetra Tech GEO
Project/Site: GE Pompey

Job ID: 480-160248-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-160248-1	BUMPUS EFF	Water	10/03/19 15:40	10/04/19 08:00	
480-160248-2	BUMPUS INF	Water	10/03/19 15:25	10/04/19 08:00	
480-160248-3	BUMPUS MID	Water	10/03/19 15:35	10/04/19 08:00	
480-160248-4	SCALISIS EFF	Water	10/03/19 14:30	10/04/19 08:00	
480-160248-5	SCALISIS INF	Water	10/03/19 14:35	10/04/19 08:00	
480-160248-6	SCALISIS MID	Water	10/03/19 14:45	10/04/19 08:00	

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Instrument ID: CVOAMS14 Analysis Batch Number: 639821

Lab Sample ID: STD05 460-639821/2 IC Client Sample ID:

Date Analyzed: 09/17/19 06:52 Lab File ID: S024173.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl iodide	2.55	Peak assignment corrected	desais	09/17/19 09:17
trans-1,4-Dichloro-2-butene	10.03	Peak assignment corrected	desais	09/17/19 09:18

Lab Sample ID: STD5 460-639821/5 IC Client Sample ID:

Date Analyzed: 09/17/19 08:01 Lab File ID: S024176.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	1.31	Peak assignment corrected	desais	09/17/19 09:11
1,1-Dichloropropanone	6.49	Peak assignment corrected	desais	09/17/19 09:11

Lab Sample ID: STD20 460-639821/6 IC Client Sample ID:

Date Analyzed: 09/17/19 08:24 Lab File ID: S024177.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	1.32	Peak assignment corrected	desais	09/17/19 10:47
trans-1,4-Dichloro-2-butene	10.03	Peak assignment corrected	desais	09/17/19 10:47

Lab Sample ID: STD40 460-639821/7 IC Client Sample ID:

Date Analyzed: 09/17/19 08:47 Lab File ID: S024178.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorodifluoromethane	1.32	Peak assignment corrected	desais	09/17/19 09:14
trans-1,4-Dichloro-2-butene	10.03	Peak assignment corrected	desais	09/17/19 09:13

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Instrument ID: CVOAMS14 Analysis Batch Number: 646225

Lab Sample ID: CCVIS 460-646225/3 Client Sample ID:

Date Analyzed: 10/10/19 23:15 Lab File ID: S025390.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone	3.88	Incomplete Integration	parekhv	10/10/19 23:32

Lab Sample ID: 480-160248-4 Client Sample ID: SCALISIS EFF

Date Analyzed: 10/11/19 05:16 Lab File ID: S025405.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	desais	10/11/19 07:57

Lab Sample ID: 480-160248-2 Client Sample ID: BUMPUS INF

Date Analyzed: 10/11/19 07:36 Lab File ID: S025411.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	desais	10/11/19 07:59

Lab Sample ID: 480-160248-5 Client Sample ID: SCALISIS INF

Date Analyzed: 10/11/19 08:00 Lab File ID: S025412.D GC Column: Rtx-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane		Invalid Compound ID	desais	10/11/19 08:19

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
524EXTRA MIX_00021	10/03/19	09/03/19	MEOH, Lot 199507	20 mL	11dichloropro_00001	450 uL	1,1-Dichloroacetone	450 ug/mL
					2nitropropane_00001	50 uL	2-Nitropropane	50 ug/mL
					KetonesC_00010	320 uL	2-Butanone (MEK)	200 ug/mL
							Acetone	200 ug/mL
					Propionitrile_00001	200 uL	Propionitrile	200 ug/mL
					VtHF_00003	50 uL	Tetrahydrofuran	50 ug/mL
.11dichloropro_00001	06/14/20		absolute, Lot 061417		(Purchased Reagent)		1,1-Dichloroacetone	20000 ug/mL
.2nitropropane_00001	06/14/22		ABSOLUTE, Lot 061417		(Purchased Reagent)		2-Nitropropane	20000 ug/mL
.KetonesC_00010	12/31/20		RESTEK, Lot A0133260		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							Acetone	12500 ug/mL
.Propionitrile_00001	01/19/22		absolute, Lot 011917		(Purchased Reagent)		Propionitrile	20000 ug/mL
.VtHF_00003	03/20/20		ABSOLUTE STANDARD, Lot 030817		(Purchased Reagent)		Tetrahydrofuran	20000 ug/mL
524freon_00012	10/05/19	09/11/19	MeOH, Lot 199507	50 mL	VM8FREONS_00010	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,1-Difluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Monochloropentafluoroethane	50 ug/mL
.VM8FREONS_00010	05/08/24		Absolute, Lot 050819		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,1-Difluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Monochloropentafluoroethane	2000 ug/mL
BFB_00021							Tentatively Identified Compound	
							Trihalomethane formation potential	
							Trihalomethanes, Total	
							Xylenes, Total	
					VMC21SU_00007	400 uL	4-Bromofluorobenzene	50 ug/mL
							BFB	50 ug/mL
.VMC21SU_00007	11/19/19		Absolute, Lot 112514		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
GAS C SP_00324	10/16/19	10/09/19	MeOH, Lot 199507	10 mL	GASES SS_00011	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES SS_00011	03/31/22		RESTEK, Lot A0147004		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00332	09/18/19	09/11/19	MeOH, Lot 198119	25 mL	GASES C_00015	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00015	11/30/21		RESTEK, Lot A0143158		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00336	10/14/19	10/07/19	MeOH, Lot 199507	25 mL	GASES C_00015	0.5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00015	11/30/21		RESTEK, Lot A0143158		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VM5R4i_00139	10/03/19	09/03/19	MeOH, Lot 199507	10 mL	524ADDON_00002	250 uL	1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroacetone	50 ug/mL
							1-Chlorobutane	50 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							2-Nitropropane	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
							Acrylonitrile	50 ug/mL
							Carbon disulfide	50 ug/mL
							Chloroacetonitrile	500 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexachloroethane	50 ug/mL
							Iodomethane	50 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl acrylate	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Nitrobenzene	500 ug/mL
							Pentachloroethane	50 ug/mL
							Propionitrile	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.524ADDON_00002	11/18/20		ABSOLUTE, Lot 111817		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	2000 ug/mL
							1,1-Dichloroacetone	2000 ug/mL
							1-Chlorobutane	2000 ug/mL
							2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							2-Nitropropane	2000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
							Acrylonitrile	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Chloroacetonitrile	20000 ug/mL
							Ethyl ether	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Hexachloroethane	2000 ug/mL
							Iodomethane	2000 ug/mL
							Methacrylonitrile	2000 ug/mL
							Methyl acrylate	2000 ug/mL
							Methyl methacrylate	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Nitrobenzene	20000 ug/mL
							Pentachloroethane	2000 ug/mL
							Propionitrile	2000 ug/mL
							Tetrahydrofuran	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
VM5R4SP_00142	11/03/19	10/03/19	MeOH, Lot 199507	10 mL	524VOLstdSS_00004	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.524VOLstdSS_00004	01/23/22		ABSOLUTE, Lot 012319		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane (EDB)	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	6000 ug/mL
VM5SUISi_00087	11/15/19	09/15/19	MeOH, Lot 199507	10 mL	VM5SUIS_00007	125 uL	1,2-Dichlorobenzene-d4 (Surr)	25 ug/mL
							4-Bromofluorobenzene	25 ug/mL
							Fluorobenzene	25 ug/mL
.VM5SUIS_00007	07/06/21	ABSOLUTE, Lot 062714			(Purchased Reagent)		1,2-Dichlorobenzene-d4 (Surr)	2000 ug/mL
							4-Bromofluorobenzene	2000 ug/mL
							Fluorobenzene	2000 ug/mL
VM8Li_00141	10/03/19	09/03/19	MeOH, Lot 199507	10 mL	524volcmpds_00008	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
.524volcmpds_00008	04/25/21		ABSOLUTE, Lot 042518		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane (EDB)	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							m-Xylene & p-Xylene	4000 ug/mL
							Methylene Chloride	2000 ug/mL
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							o-Xylene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
VM8Li_00142	11/03/19	10/03/19	MeOH, Lot 199507	10 mL	524volcmpds_00008	250 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							sec-Butylbenzene	50 ug/mL

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.524volcmpds_00008	04/25/21		ABSOLUTE, Lot 042518		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dibromoethane (EDB)	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL
							1,3-Dichlorobenzene	2000 ug/mL
							1,3-Dichloropropane	2000 ug/mL
							1,4-Dichlorobenzene	2000 ug/mL
							2,2-Dichloropropane	2000 ug/mL
							2-Chlorotoluene	2000 ug/mL
							4-Chlorotoluene	2000 ug/mL
							4-Isopropyltoluene	2000 ug/mL
							Benzene	2000 ug/mL
							Bromobenzene	2000 ug/mL
							Bromochloromethane	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Hexachlorobutadiene	2000 ug/mL
							Isopropylbenzene	2000 ug/mL
							Methylene Chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	2000 ug/mL
							N-Propylbenzene	2000 ug/mL
							Naphthalene	2000 ug/mL
							sec-Butylbenzene	2000 ug/mL
							Styrene	2000 ug/mL
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	6000 ug/mL
VMTBAHi_00130	10/03/19	09/03/19	MeOH, Lot 199507	10 mL	VMTBAn_00001	64 uL	2-Methyl-2-propanol	4999.68 ug/mL
.VMTBAn_00001	01/01/30		Sigma-Aldrich, Lot 02853EC		(Purchased Reagent)		2-Methyl-2-propanol	0.7812 g/g
VMTBALi_00136	10/03/19	09/03/19	MeOH, Lot 199507	10 mL	VMTBAHi_00130	100 uL	2-Methyl-2-propanol	49.9968 ug/mL
.VMTBAHi_00130	10/03/19	09/03/19	MeOH, Lot 199507	10 mL	VMTBAn_00001	64 uL	2-Methyl-2-propanol	4999.68 ug/mL
..VMTBAn_00001	01/01/30		Sigma-Aldrich, Lot 02853EC		(Purchased Reagent)		2-Methyl-2-propanol	0.7812 g/g

Method 524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	BFB #	DCZ #
BUMPUS EFF	480-160248-1	107	106
BUMPUS INF	480-160248-2	107	109
BUMPUS MID	480-160248-3	107	107
SCALISIS EFF	480-160248-4	107	101
SCALISIS INF	480-160248-5	102	111
SCALISIS MID	480-160248-6	106	112
	MB 460-646225/9	104	108
	LCS 460-646225/4	104	109
	LCSD 460-646225/5	109	108

	QC LIMITS
BFB = 4-Bromofluorobenzene	70-130
DCZ = 1,2-Dichlorobenzene-d4 (Surr)	70-130

Column to be used to flag recovery values

FORM II 524.2

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S025391.D

Lab ID: LCS 460-646225/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	2.00	2.06	103	70-130	
1,1,1-Trichloroethane	2.00	2.07	104	70-130	
1,1,2,2-Tetrachloroethane	2.00	2.24	112	70-130	
1,1,2-Trichloroethane	2.00	2.27	114	70-130	
1,1-Dichloroethane	2.00	2.24	112	70-130	
1,1-Dichloroethene	2.00	2.04	102	70-130	
1,1-Dichloropropene	2.00	1.99	99	70-130	
1,2,3-Trichlorobenzene	2.00	2.00	100	70-130	
1,2,3-Trichloropropane	2.00	1.89	95	70-130	
1,2,4-Trichlorobenzene	2.00	2.01	100	70-130	
1,2,4-Trimethylbenzene	2.00	1.95	97	70-130	
1,2-Dibromo-3-Chloropropane	2.00	2.05	102	70-130	
1,2-Dibromoethane (EDB)	2.00	2.07	103	70-130	
1,2-Dichlorobenzene	2.00	2.06	103	70-130	
1,2-Dichloroethane	2.00	2.40	120	70-130	
1,2-Dichloropropane	2.00	2.19	110	70-130	
1,3,5-Trimethylbenzene	2.00	1.97	99	70-130	
1,3-Dichlorobenzene	2.00	2.07	104	70-130	
1,3-Dichloropropane	2.00	2.19	110	70-130	
1,4-Dichlorobenzene	2.00	2.13	107	70-130	
2,2-Dichloropropane	2.00	2.03	102	70-130	
2-Chlorotoluene	2.00	1.99	99	70-130	
4-Chlorotoluene	2.00	2.03	102	70-130	
4-Isopropyltoluene	2.00	1.89	95	70-130	
Benzene	2.00	2.11	106	70-130	
Bromobenzene	2.00	1.90	95	70-130	
Bromochloromethane	2.00	2.19	110	70-130	
Bromodichloromethane	2.00	2.11	105	70-130	
Bromoform	2.00	1.95	98	70-130	
Bromomethane	2.00	2.42	121	70-130	
Carbon tetrachloride	2.00	1.95	98	70-130	
Chlorobenzene	2.00	2.02	101	70-130	
Dibromochloromethane	2.00	2.00	100	70-130	
Chloroethane	2.00	1.96	98	70-130	
Chloroform	2.00	2.24	112	70-130	
Chloromethane	2.00	1.63	81	70-130	
cis-1,2-Dichloroethene	2.00	2.02	101	70-130	
cis-1,3-Dichloropropene	2.00	2.20	110	70-130	
Dibromomethane	2.00	2.19	110	70-130	
Dichlorodifluoromethane	2.00	1.09	55	70-130	*
Ethylbenzene	2.00	1.98	99	70-130	
Hexachlorobutadiene	2.00	1.71	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 524.2

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S025391.D

Lab ID: LCS 460-646225/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	2.00	1.92	96	70-130	
Methylene Chloride	2.00	2.20	110	70-130	
Naphthalene	2.00	1.93	97	70-130	
n-Butylbenzene	2.00	1.94	97	70-130	
N-Propylbenzene	2.00	2.04	102	70-130	
sec-Butylbenzene	2.00	1.92	96	70-130	
Styrene	2.00	2.05	103	70-130	
tert-Butylbenzene	2.00	2.00	100	70-130	
Tetrachloroethene	2.00	2.02	101	70-130	
Toluene	2.00	2.02	101	70-130	
trans-1,2-Dichloroethene	2.00	2.17	109	70-130	
trans-1,3-Dichloropropene	2.00	1.84	92	70-130	
Trichloroethene	2.00	2.14	107	70-130	
Trichlorofluoromethane	2.00	1.85	93	70-130	
Vinyl chloride	2.00	1.75	87	70-130	

Column to be used to flag recovery and RPD values

FORM III 524.2

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S025392.D

Lab ID: LCSD 460-646225/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	2.00	1.99	99	3	30	70-130	
1,1,1-Trichloroethane	2.00	2.12	106	2	30	70-130	
1,1,2,2-Tetrachloroethane	2.00	2.28	114	2	30	70-130	
1,1,2-Trichloroethane	2.00	2.22	111	2	30	70-130	
1,1-Dichloroethane	2.00	2.30	115	3	30	70-130	
1,1-Dichloroethene	2.00	2.13	107	4	30	70-130	
1,1-Dichloropropene	2.00	2.11	106	6	30	70-130	
1,2,3-Trichlorobenzene	2.00	1.93	97	4	30	70-130	
1,2,3-Trichloropropane	2.00	1.96	98	3	30	70-130	
1,2,4-Trichlorobenzene	2.00	1.94	97	3	30	70-130	
1,2,4-Trimethylbenzene	2.00	2.00	100	2	30	70-130	
1,2-Dibromo-3-Chloropropane	2.00	1.92	96	6	30	70-130	
1,2-Dibromoethane (EDB)	2.00	2.19	109	6	30	70-130	
1,2-Dichlorobenzene	2.00	2.14	107	4	30	70-130	
1,2-Dichloroethane	2.00	2.29	114	5	30	70-130	
1,2-Dichloropropane	2.00	2.22	111	1	30	70-130	
1,3,5-Trimethylbenzene	2.00	2.00	100	1	30	70-130	
1,3-Dichlorobenzene	2.00	2.10	105	1	30	70-130	
1,3-Dichloropropane	2.00	2.18	109	0	30	70-130	
1,4-Dichlorobenzene	2.00	2.05	102	4	30	70-130	
2,2-Dichloropropane	2.00	2.11	106	4	30	70-130	
2-Chlorotoluene	2.00	1.98	99	0	30	70-130	
4-Chlorotoluene	2.00	2.05	103	1	30	70-130	
4-Isopropyltoluene	2.00	1.95	98	3	30	70-130	
Benzene	2.00	2.18	109	3	30	70-130	
Bromobenzene	2.00	1.94	97	2	30	70-130	
Bromochloromethane	2.00	2.18	109	0	30	70-130	
Bromodichloromethane	2.00	2.19	109	4	30	70-130	
Bromoform	2.00	1.91	96	2	30	70-130	
Bromomethane	2.00	2.49	125	3	30	70-130	
Carbon tetrachloride	2.00	2.00	100	2	30	70-130	
Chlorobenzene	2.00	2.17	109	7	30	70-130	
Dibromochloromethane	2.00	1.99	100	0	30	70-130	
Chloroethane	2.00	1.96	98	0	30	70-130	
Chloroform	2.00	2.23	111	0	30	70-130	
Chloromethane	2.00	1.66	83	2	30	70-130	
cis-1,2-Dichloroethene	2.00	2.03	101	0	30	70-130	
cis-1,3-Dichloropropene	2.00	2.10	105	5	30	70-130	
Dibromomethane	2.00	2.25	112	2	30	70-130	
Dichlorodifluoromethane	2.00	1.08	54	1	30	70-130	*
Ethylbenzene	2.00	1.96	98	1	30	70-130	
Hexachlorobutadiene	2.00	1.94	97	13	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 524.2

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Matrix: Water Level: Low Lab File ID: S025392.D

Lab ID: LCSD 460-646225/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Isopropylbenzene	2.00	2.09	105	9	30	70-130	
Methylene Chloride	2.00	2.31	115	5	30	70-130	
Naphthalene	2.00	2.06	103	6	30	70-130	
n-Butylbenzene	2.00	1.97	99	2	30	70-130	
N-Propylbenzene	2.00	2.07	103	1	30	70-130	
sec-Butylbenzene	2.00	1.99	100	4	30	70-130	
Styrene	2.00	1.98	99	3	30	70-130	
tert-Butylbenzene	2.00	2.03	101	2	30	70-130	
Tetrachloroethene	2.00	2.03	102	1	30	70-130	
Toluene	2.00	2.07	103	2	30	70-130	
trans-1,2-Dichloroethene	2.00	2.17	109	0	30	70-130	
trans-1,3-Dichloropropene	2.00	2.08	104	12	30	70-130	
Trichloroethene	2.00	2.17	109	1	30	70-130	
Trichlorofluoromethane	2.00	1.90	95	3	30	70-130	
Vinyl chloride	2.00	1.89	94	8	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 524.2

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab File ID: S025396.D Lab Sample ID: MB 460-646225/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS14 Date Analyzed: 10/11/2019 01:45

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-646225/4	S025391.D	10/10/2019 23:48
	LCSD 460-646225/5	S025392.D	10/11/2019 00:12
BUMPUS EFF	480-160248-1	S025404.D	10/11/2019 04:52
SCALISIS EFF	480-160248-4	S025405.D	10/11/2019 05:16
BUMPUS MID	480-160248-3	S025408.D	10/11/2019 06:26
SCALISIS MID	480-160248-6	S025409.D	10/11/2019 06:49
BUMPUS INF	480-160248-2	S025411.D	10/11/2019 07:36
SCALISIS INF	480-160248-5	S025412.D	10/11/2019 08:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab File ID: S024172a.D BFB Injection Date: 09/17/2019

Instrument ID: CVOAMS14 BFB Injection Time: 06:28

Analysis Batch No.: 639821

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 80.0 % of mass 95	51.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.3	(0.5) 1
174	>50.0 % of mass 95	67.4	
175	5.0 - 9.0 % of mass 174	4.8	(7.2) 1
176	>95.0 but <101.0 % of mass 174	65.8	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.1	(7.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD05 460-639821/2	S024173.D	09/17/2019	06:52
	STD1 460-639821/3	S024174.D	09/17/2019	07:15
	STD2 460-639821/4	S024175.D	09/17/2019	07:38
	STD5 460-639821/5	S024176.D	09/17/2019	08:01
	STD20 460-639821/6	S024177.D	09/17/2019	08:24
	STD40 460-639821/7	S024178.D	09/17/2019	08:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab File ID: S025388.D BFB Injection Date: 10/10/2019

Instrument ID: CVOAMS14 BFB Injection Time: 22:10

Analysis Batch No.: 646225

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.7	
75	30.0 - 80.0 % of mass 95	53.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.9	(1.3) 1
174	>50.0 % of mass 95	64.3	
175	5.0 - 9.0 % of mass 174	5.2	(8.1) 1
176	>95.0 but <101.0 % of mass 174	64.0	(99.5) 1
177	5.0 - 9.0 % of mass 176	4.5	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-646225/3	S025390.D	10/10/2019	23:15
	LCS 460-646225/4	S025391.D	10/10/2019	23:48
	LCSD 460-646225/5	S025392.D	10/11/2019	00:12
	MB 460-646225/9	S025396.D	10/11/2019	01:45
BUMPUS EFF	480-160248-1	S025404.D	10/11/2019	04:52
SCALISIS EFF	480-160248-4	S025405.D	10/11/2019	05:16
BUMPUS MID	480-160248-3	S025408.D	10/11/2019	06:26
SCALISIS MID	480-160248-6	S025409.D	10/11/2019	06:49
BUMPUS INF	480-160248-2	S025411.D	10/11/2019	07:36
SCALISIS INF	480-160248-5	S025412.D	10/11/2019	08:00

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Sample No.: CCVIS 460-646225/3 Date Analyzed: 10/10/2019 23:15

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): S025390.D Heated Purge: (Y/N) N

Calibration ID: 76755

		FB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		339184	4.87				
UPPER LIMIT		440939	5.37				
LOWER LIMIT		237429	4.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-646225/4		332467	4.87				
LCSD 460-646225/5		342005	4.87				
MB 460-646225/9		358965	4.88				
480-160248-1	BUMPUS EFF	305270	4.87				
480-160248-4	SCALISIS EFF	314894	4.88				
480-160248-3	BUMPUS MID	350986	4.87				
480-160248-6	SCALISIS MID	353103	4.88				
480-160248-2	BUMPUS INF	356246	4.87				
480-160248-5	SCALISIS INF	340813	4.88				

FB = Fluorobenzene

Area Limit = 70%-130% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 524.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS EFF Lab Sample ID: 480-160248-1

Matrix: Water Lab File ID: S025404.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:40

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 04:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS EFF Lab Sample ID: 480-160248-1

Matrix: Water Lab File ID: S025404.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:40

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 04:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	0.53		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	ND		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS INF Lab Sample ID: 480-160248-2

Matrix: Water Lab File ID: S025411.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:25

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 07:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS INF Lab Sample ID: 480-160248-2

Matrix: Water Lab File ID: S025411.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:25

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 07:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	0.46	J	0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	ND		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS MID Lab Sample ID: 480-160248-3

Matrix: Water Lab File ID: S025408.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:35

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 06:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: BUMPUS MID Lab Sample ID: 480-160248-3

Matrix: Water Lab File ID: S025408.D

Analysis Method: 524.2 Date Collected: 10/03/2019 15:35

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 06:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	ND		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	ND		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS EFF Lab Sample ID: 480-160248-4

Matrix: Water Lab File ID: S025405.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:30

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 05:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS EFF Lab Sample ID: 480-160248-4

Matrix: Water Lab File ID: S025405.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:30

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 05:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	ND		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	ND		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS INF Lab Sample ID: 480-160248-5

Matrix: Water Lab File ID: S025412.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:35

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 08:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	1.3		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS INF Lab Sample ID: 480-160248-5

Matrix: Water Lab File ID: S025412.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:35

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 08:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	15		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	0.51		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	0.19	J	0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	0.51		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	20		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	102		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	111		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS MID Lab Sample ID: 480-160248-6

Matrix: Water Lab File ID: S025409.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:45

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: SCALISIS MID Lab Sample ID: 480-160248-6

Matrix: Water Lab File ID: S025409.D

Analysis Method: 524.2 Date Collected: 10/03/2019 14:45

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND	*	0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	ND		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	0.28	J	0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	106		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	112		70-130

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-639821/2	S024173.D
Level 2	STD1 460-639821/3	S024174.D
Level 3	STD2 460-639821/4	S024175.D
Level 4	STD5 460-639821/5	S024176.D
Level 5	STD20 460-639821/6	S024177.D
Level 6	STD40 460-639821/7	S024178.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.0131 0.0158	0.0108	0.0124	0.0156	0.0152	Ave		0.0138				14.7		20.0			
1,1-Difluoroethane	0.1336 0.1422	0.1235	0.1324	0.1351	0.1397	Ave		0.1344				4.9		20.0			
Dichlorodifluoromethane	0.2246 0.2416	0.2240	0.2241	0.2239	0.2298	Ave		0.2280				3.1		20.0			
Chlorodifluoromethane	0.1965 0.1773	0.1562	0.1655	0.1699	0.1719	Ave		0.1729				7.8		20.0			
Chloromethane	0.2860 0.2198	0.2471	0.2122	0.2143	0.2163	Ave		0.2326				12.5		20.0			
Vinyl chloride	0.2259 0.2462	0.2292	0.2227	0.2296	0.2408	Ave		0.2324				3.9		20.0			
Bromomethane	0.0661 0.1179	0.0835	0.0857	0.0882	0.1011	Ave		0.0904				19.4		20.0			
Chloroethane	0.1462 0.1454	0.1429	0.1429	0.1411	0.1454	Ave		0.1440				1.4		20.0			
Trichlorofluoromethane	0.2939 0.3218	0.3042	0.2925	0.2936	0.3077	Ave		0.3023				3.8		20.0			
Diethyl ether	0.0623 0.0755	0.0666	0.0693	0.0705	0.0699	Ave		0.0690				6.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.2645 0.2672	0.2317	0.2520	0.2546	0.2614	Ave		0.2552				5.1		20.0			
Freon TF	0.1469 0.1676	0.1491	0.1707	0.1639	0.1636	Ave		0.1603				6.2		20.0			
1,1-Dichloroethene	0.2596 0.2704	0.2573	0.2553	0.2622	0.2610	Ave		0.2610				2.0		20.0			
Acetone	0.0241 0.0108	0.0138	0.0122	0.0111	0.0106	QuaF		0.0106	0.0000008						0.9990		0.9900
Methyl iodide	0.0511 0.1892	0.0811	0.1167	0.1507	0.1799	QuaF		0.1638	0.0006435						0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon disulfide	0.4401 0.4178	0.4016	0.4053	0.4016	0.4002	Ave		0.4111				3.8		20.0			
Allyl chloride	0.0956 0.1069	0.0985	0.0959	0.1031	0.1016	Ave		0.1003				4.4		20.0			
Methylene Chloride	0.1533 0.1526	0.1586	0.1549	0.1492	0.1526	Ave		0.1535				2.0		20.0			
TBA	0.0057 0.0039	0.0041	0.0040	0.0038	0.0037	Ave		0.0042				17.8		20.0			
Methyl t-butyl ether	0.1935 0.2355	0.2228	0.2191	0.2193	0.2166	Ave		0.2178				6.3		20.0			
trans-1,2-Dichloroethene	0.1808 0.1837	0.1741	0.1756	0.1795	0.1800	Ave		0.1790				2.0		20.0			
Acrylonitrile	0.0167 0.0177	0.0218	0.0177	0.0161	0.0166	Ave		0.0178				11.5		20.0			
1,1-Dichloroethane	0.3204 0.3395	0.3273	0.3357	0.3339	0.3361	Ave		0.3322				2.1		20.0			
2,2-Dichloropropane	0.2926 0.2974	0.2788	0.2903	0.2873	0.2925	Ave		0.2898				2.2		20.0			
cis-1,2-Dichloroethene	0.2579 0.1942	0.2019	0.1924	0.1891	0.1895	Ave		0.2042				13.1		20.0			
2-Butanone	0.0054 0.0056	0.0051	0.0053	0.0050	0.0049	Ave		0.0052				5.2		20.0			
Methyl acrylate	0.0499 0.0486	0.0458	0.0442	0.0445	0.0446	Ave		0.0463				5.2		20.0			
Ethyl Cyanide	0.0063 0.0061	0.0055	0.0058	0.0059	0.0058	Ave		0.0059				4.9		20.0			
Bromochloromethane	0.0638 0.0629	0.0657	0.0594	0.0608	0.0639	Ave		0.0627				3.7		20.0			
Tetrahydrofuran	0.0203 0.0136	0.0173	0.0132	0.0137	0.0126	Lin2	0.0077	0.0127							0.9930		0.9900
Methacrylonitrile	0.0268 0.0235	0.0244	0.0221	0.0205	0.0215	Ave		0.0231				9.8		20.0			
Chloroform	0.3017 0.3260	0.3217	0.3268	0.3157	0.3205	Ave		0.3187				2.9		20.0			
1,1,1-Trichloroethane	0.2869 0.3145	0.2977	0.3002	0.2950	0.3089	Ave		0.3005				3.3		20.0			
1-Chlorobutane	0.3417 0.3565	0.3307	0.3499	0.3471	0.3449	Ave		0.3451				2.5		20.0			
Carbon tetrachloride	0.2414 0.2757	0.2401	0.2485	0.2525	0.2657	Ave		0.2540				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.2562 0.2798	0.2588	0.2643	0.2674	0.2748	Ave		0.2669				3.4		20.0			
Benzene	0.6766 0.7354	0.7214	0.7157	0.7139	0.7291	Ave		0.7153				2.9		20.0			
1,2-Dichloroethane	0.1363 0.1381	0.1403	0.1316	0.1347	0.1361	Ave		0.1362				2.2		20.0			
Trichloroethene	0.2048 0.2037	0.1961	0.1970	0.1999	0.2028	Ave		0.2007				1.8		20.0			
1,2-Dichloropropane	0.1546 0.1651	0.1635	0.1616	0.1578	0.1616	Ave		0.1607				2.4		20.0			
Methyl methacrylate	0.0356 0.0438	0.0511	0.0403	0.0393	0.0391	Ave		0.0415				12.9		20.0			
Dibromomethane	0.0633 0.0668	0.0650	0.0649	0.0623	0.0641	Ave		0.0644				2.4		20.0			
Bromodichloromethane	0.1842 0.2109	0.2060	0.1932	0.1943	0.2022	Ave		0.1985				4.9		20.0			
2-Nitropropane	0.0126 0.0129	0.0146	0.0121	0.0115	0.0117	Ave		0.0126				8.8		20.0			
Chloroacetonitrile	0.0016 0.0023	0.0023	0.0023	0.0021	0.0022	Ave		0.0021				13.0		20.0			
cis-1,3-Dichloropropene	0.0397 0.0526	0.0499	0.0444	0.0466	0.0506	Ave		0.0473				10.1		20.0			
4-Methyl-2-pentanone	0.0401 0.0456	0.0435	0.0423	0.0417	0.0412	Ave		0.0424				4.6		20.0			
1,1-Dichloropropanone	0.0118 0.0158	0.0147	0.0144	0.0143	0.0147	Ave		0.0143				9.4		20.0			
Toluene	0.4568 0.4533	0.4215	0.4306	0.4359	0.4443	Ave		0.4404				3.1		20.0			
trans-1,3-Dichloropropene	0.0373 0.0409	0.0397	0.0370	0.0356	0.0385	Ave		0.0382				5.0		20.0			
Ethyl methacrylate	0.0821 0.0964	0.0886	0.0845	0.0831	0.0862	Ave		0.0868				6.0		20.0			
1,1,2-Trichloroethane	0.0765 0.0810	0.0812	0.0793	0.0773	0.0792	Ave		0.0791				2.4		20.0			
Tetrachloroethene	0.1850 0.1916	0.1891	0.1768	0.1819	0.1862	Ave		0.1851				2.8		20.0			
1,3-Dichloropropane	0.1426 0.1567	0.1523	0.1544	0.1479	0.1514	Ave		0.1509				3.3		20.0			
2-Hexanone	0.0266 0.0290	0.0278	0.0274	0.0263	0.0271	Ave		0.0274				3.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.0948 0.1146	0.1036	0.1003	0.0989	0.1074	Ave		0.1033				6.8		20.0			
1,2-Dibromoethane (EDB)	0.0739 0.0845	0.0780	0.0778	0.0781	0.0819	Ave		0.0790				4.6		20.0			
Chlorobenzene	0.3949 0.4488	0.4398	0.4422	0.4231	0.4354	Ave		0.4307				4.5		20.0			
Ethylbenzene	0.2338 0.2684	0.2582	0.2523	0.2525	0.2627	Ave		0.2547				4.7		20.0			
1,1,1,2-Tetrachloroethane	0.1259 0.1505	0.1479	0.1384	0.1357	0.1423	Ave		0.1401				6.4		20.0			
m-Xylene & p-Xylene	0.2726 0.3242	0.3090	0.3035	0.3039	0.3162	Ave		0.3049				5.8		20.0			
o-Xylene	0.2677 0.2935	0.2835	0.2730	0.2708	0.2878	Ave		0.2794				3.7		20.0			
Styrene	0.3591 0.4588	0.4167	0.4196	0.4196	0.4475	Ave		0.4202				8.2		20.0			
Bromoform	0.0414 0.0513	0.0489	0.0453	0.0445	0.0471	Ave		0.0464				7.5		20.0			
Isopropylbenzene	0.7079 0.8416	0.7906	0.7781	0.7879	0.8190	Ave		0.7875				5.8		20.0			
Bromobenzene	0.1343 0.1486	0.1497	0.1443	0.1377	0.1424	Ave		0.1428				4.2		20.0			
1,1,2,2-Tetrachloroethane	0.0750 0.0822	0.0863	0.0811	0.0779	0.0812	Ave		0.0806				4.8		20.0			
N-Propylbenzene	0.8664 0.9904	0.9403	0.9338	0.9267	0.9801	Ave		0.9396				4.7		20.0			
1,2,3-Trichloropropane	0.0245 0.0220	0.0263	0.0231	0.0221	0.0219	Ave		0.0233				7.6		20.0			
trans-1,4-Dichloro-2-butene	0.0156 0.0181	0.0184	0.0184	0.0166	0.0169	Ave		0.0173				6.7		20.0			
2-Chlorotoluene	0.6587 0.5418	0.5295	0.5364	0.5181	0.5347	Ave		0.5532				9.5		20.0			
1,3,5-Trimethylbenzene	0.5205 0.6205	0.5809	0.5735	0.5884	0.6094	Ave		0.5822				6.0		20.0			
4-Chlorotoluene	0.6048 0.6117	0.5950	0.5826	0.5798	0.6075	Ave		0.5969				2.2		20.0			
tert-Butylbenzene	0.4591 0.5235	0.4881	0.4890	0.4922	0.5170	Ave		0.4948				4.7		20.0			
Pentachloroethane	0.0695 0.0867	0.0890	0.0750	0.0775	0.0792	Ave		0.0795				9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	0.4820 0.5904	0.5531	0.5546	0.5636	0.5885	Ave		0.5554				7.1		20.0			
sec-Butylbenzene	0.6400 0.7359	0.6880	0.6838	0.6889	0.7263	Ave		0.6938				4.9		20.0			
1,3-Dichlorobenzene	0.2523 0.2828	0.2844	0.2828	0.2727	0.2828	Ave		0.2763				4.5		20.0			
4-Isopropyltoluene	0.5003 0.6073	0.5796	0.5552	0.5604	0.5991	Ave		0.5670				6.8		20.0			
1,4-Dichlorobenzene	0.2389 0.2717	0.2818	0.2781	0.2625	0.2711	Ave		0.2674				5.8		20.0			
n-Butylbenzene	0.4586 0.5557	0.5232	0.5031	0.5133	0.5437	Ave		0.5163				6.6		20.0			
1,2-Dichlorobenzene	0.1997 0.2250	0.2351	0.2240	0.2192	0.2259	Ave		0.2215				5.4		20.0			
Hexachloroethane	0.0948 0.1194	0.1140	0.1033	0.1067	0.1120	Ave		0.1084				8.0		20.0			
1,2-Dibromo-3-Chloropropane	0.0099 0.0105	0.0120	0.0102	0.0097	0.0107	Ave		0.0105				7.8		20.0			
Nitrobenzene	0.0027 0.0028	0.0030	0.0026	0.0023	0.0026	Ave		0.0027				8.4		20.0			
1,2,4-Trichlorobenzene	0.0920 0.1056	0.1031	0.0965	0.0974	0.1062	Ave		0.1001				5.7		20.0			
Hexachlorobutadiene	0.0423 0.0436	0.0439	0.0438	0.0426	0.0437	Ave		0.0433				1.6		20.0			
Naphthalene	0.1473 0.1806	0.1572	0.1631	0.1605	0.1725	Ave		0.1635				7.1		20.0			
1,2,3-Trichlorobenzene	0.0647 0.0806	0.0767	0.0743	0.0748	0.0788	Ave		0.0750				7.4		20.0			
4-Bromofluorobenzene	0.2430 0.2493	0.2474	0.2447	0.2436	0.2402	Ave		0.2447				1.3		20.0			
1,2-Dichlorobenzene-d4 (Surr)	0.1636 0.1641	0.1679	0.1681	0.1636	0.1693	Ave		0.1661				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-639821/2	S024173.D
Level 2	STD1 460-639821/3	S024174.D
Level 3	STD2 460-639821/4	S024175.D
Level 4	STD5 460-639821/5	S024176.D
Level 5	STD20 460-639821/6	S024177.D
Level 6	STD40 460-639821/7	S024178.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	536 54132	906	2065	6718	26544	0.500 40.0	1.00	2.00	5.00	20.0
1,1-Difluoroethane	FB	Ave	5468 487711	10368	22069	58281	243182	0.500 40.0	1.00	2.00	5.00	20.0
Dichlorodifluoromethane	FB	Ave	9195 828251	18803	37338	96532	400073	0.500 40.0	1.00	2.00	5.00	20.0
Chlorodifluoromethane	FB	Ave	8044 607739	13112	27568	73270	299237	0.500 40.0	1.00	2.00	5.00	20.0
Chloromethane	FB	Ave	11707 753689	20745	35356	92403	376491	0.500 40.0	1.00	2.00	5.00	20.0
Vinyl chloride	FB	Ave	9249 844191	19238	37113	99019	419241	0.500 40.0	1.00	2.00	5.00	20.0
Bromomethane	FB	Ave	2705 404315	7008	14285	38035	176032	0.500 40.0	1.00	2.00	5.00	20.0
Chloroethane	FB	Ave	5984 498358	11992	23818	60856	253121	0.500 40.0	1.00	2.00	5.00	20.0
Trichlorofluoromethane	FB	Ave	12033 1103344	25533	48741	126623	535685	0.500 40.0	1.00	2.00	5.00	20.0
Diethyl ether	FB	Ave	2549 258807	5594	11543	30406	121630	0.500 40.0	1.00	2.00	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	10827 916302	19448	41994	109800	455006	0.500 40.0	1.00	2.00	5.00	20.0
Freon TF	FB	Ave	6015 574523	12516	28445	70662	284766	0.500 40.0	1.00	2.00	5.00	20.0
1,1-Dichloroethene	FB	Ave	10626 927057	21601	42541	113087	454309	0.500 40.0	1.00	2.00	5.00	20.0
Acetone	FB	QuaF	4925 185379	5804	10185	23918	92330	2.50 200	5.00	10.0	25.0	100
Methyl iodide	FB	QuaF	2092 648565	6805	19445	64977	313170	0.500 40.0	1.00	2.00	5.00	20.0
Carbon disulfide	FB	Ave	18018 1432440	33711	67533	173168	696663	0.500 40.0	1.00	2.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	3915 366690	8271	15979	44466	176927	0.500 40.0	1.00	2.00	5.00	20.0
Methylene Chloride	FB	Ave	6276 523372	13313	25818	64334	265627	0.500 40.0	1.00	2.00	5.00	20.0
TBA	FB	Ave	931 166578	34807	67411	97887	127368	2.00 500	100.0	200	300	400
Methyl t-butyl ether	FB	Ave	7920 807393	18698	36507	94574	376956	0.500 40.0	1.00	2.00	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	7402 629976	14617	29260	77396	313371	0.500 40.0	1.00	2.00	5.00	20.0
Acrylonitrile	FB	Ave	684 60532	1826	2946	6960	28977	0.500 40.0	1.00	2.00	5.00	20.0
1,1-Dichloroethane	FB	Ave	13118 1164064	27475	55940	143989	585007	0.500 40.0	1.00	2.00	5.00	20.0
2,2-Dichloropropane	FB	Ave	11979 1019512	23405	48375	123901	509151	0.500 40.0	1.00	2.00	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	10559 665970	16947	32051	81550	329862	0.500 40.0	1.00	2.00	5.00	20.0
2-Butanone	FB	Ave	1111 96740	2142	4396	10805	42825	2.50 200	5.00	10.0	25.0	100
Methyl acrylate	FB	Ave	2042 166463	3845	7360	19207	77685	0.500 40.0	1.00	2.00	5.00	20.0
Ethyl Cyanide	FB	Ave	1294 103877	2299	4822	12633	50059	2.50 200	5.00	10.0	25.0	100
Bromochloromethane	FB	Ave	2612 215694	5513	9894	26209	111283	0.500 40.0	1.00	2.00	5.00	20.0
Tetrahydrofuran	FB	Lin2	1663 93520	2905	4395	11815	43721	1.00 80.0	2.00	4.00	10.0	40.0
Methacrylonitrile	FB	Ave	1097 80612	2046	3679	8823	37476	0.500 40.0	1.00	2.00	5.00	20.0
Chloroform	FB	Ave	12350 1117596	27005	54457	136160	557975	0.500 40.0	1.00	2.00	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	11743 1078183	24988	50024	127211	537628	0.500 40.0	1.00	2.00	5.00	20.0
1-Chlorobutane	FB	Ave	13987 1222215	27762	58293	149678	600324	0.500 40.0	1.00	2.00	5.00	20.0
Carbon tetrachloride	FB	Ave	9882 945226	20154	41412	108898	462596	0.500 40.0	1.00	2.00	5.00	20.0
1,1-Dichloropropene	FB	Ave	10488 959501	21722	44046	115307	478272	0.500 40.0	1.00	2.00	5.00	20.0
Benzene	FB	Ave	27697 2521591	60551	119248	307845	1269189	0.500 40.0	1.00	2.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	5581 473664	11779	21926	58070	236913	0.500 40.0	1.00	2.00	5.00	20.0
Trichloroethene	FB	Ave	8383 698322	16462	32819	86193	353099	0.500 40.0	1.00	2.00	5.00	20.0
1,2-Dichloropropane	FB	Ave	6329 565998	13722	26933	68045	281231	0.500 40.0	1.00	2.00	5.00	20.0
Methyl methacrylate	FB	Ave	1457 150287	4289	6711	16959	68082	0.500 40.0	1.00	2.00	5.00	20.0
Dibromomethane	FB	Ave	2593 229095	5455	10810	26861	111586	0.500 40.0	1.00	2.00	5.00	20.0
Bromodichloromethane	FB	Ave	7540 723259	17289	32184	83775	351992	0.500 40.0	1.00	2.00	5.00	20.0
2-Nitropropane	FB	Ave	1033 88376	2443	4037	9921	40823	1.00 80.0	2.00	4.00	10.0	40.0
Chloroacetonitrile	FB	Ave	648 79184	1904	3777	8872	37630	5.00 400	10.0	20.0	50.0	200
cis-1,3-Dichloropropene	FB	Ave	1625 180426	4189	7390	20085	88129	0.500 40.0	1.00	2.00	5.00	20.0
4-Methyl-2-pentanone	FB	Ave	8203 781965	18263	35219	89878	358368	2.50 200	5.00	10.0	25.0	100
1,1-Dichloropropanone	FB	Ave	4825 543088	12347	23914	61599	256630	5.00 400	10.0	20.0	50.0	200
Toluene	FB	Ave	18699 1554378	35377	71751	187993	773410	0.500 40.0	1.00	2.00	5.00	20.0
trans-1,3-Dichloropropene	FB	Ave	1528 140277	3330	6166	15355	67090	0.500 40.0	1.00	2.00	5.00	20.0
Ethyl methacrylate	FB	Ave	3361 330379	7435	14084	35825	150118	0.500 40.0	1.00	2.00	5.00	20.0
1,1,2-Trichloroethane	FB	Ave	3133 277711	6813	13210	33343	137804	0.500 40.0	1.00	2.00	5.00	20.0
Tetrachloroethene	FB	Ave	7574 656860	15877	29467	78455	324064	0.500 40.0	1.00	2.00	5.00	20.0
1,3-Dichloropropane	FB	Ave	5839 537267	12782	25732	63793	263528	0.500 40.0	1.00	2.00	5.00	20.0
2-Hexanone	FB	Ave	5452 496655	11654	22803	56664	235829	2.50 200	5.00	10.0	25.0	100
Dibromochloromethane	FB	Ave	3881 392761	8697	16711	42668	186918	0.500 40.0	1.00	2.00	5.00	20.0
1,2-Dibromoethane (EDB)	FB	Ave	3027 289553	6548	12958	33686	142483	0.500 40.0	1.00	2.00	5.00	20.0
Chlorobenzene	FB	Ave	16168 1538847	36915	73683	182464	757931	0.500 40.0	1.00	2.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	FB	Ave	9571 920373	21674	42046	108882	457208	0.500 40.0	1.00	2.00	5.00	20.0
1,1,1,2-Tetrachloroethane	FB	Ave	5152 515924	12416	23058	58505	247785	0.500 40.0	1.00	2.00	5.00	20.0
m-Xylene & p-Xylene	FB	Ave	22321 2223329	51868	101145	262130	1100740	1.00 80.0	2.00	4.00	10.0	40.0
o-Xylene	FB	Ave	10957 1006402	23797	45496	116765	501005	0.500 40.0	1.00	2.00	5.00	20.0
Styrene	FB	Ave	14700 1573225	34975	69913	180945	779017	0.500 40.0	1.00	2.00	5.00	20.0
Bromoform	FB	Ave	1695 175936	4102	7543	19177	82054	0.500 40.0	1.00	2.00	5.00	20.0
Isopropylbenzene	FB	Ave	28978 2885618	66362	129646	339751	1425654	0.500 40.0	1.00	2.00	5.00	20.0
Bromobenzene	FB	Ave	5496 509330	12564	24040	59369	247937	0.500 40.0	1.00	2.00	5.00	20.0
1,1,2,2-Tetrachloroethane	FB	Ave	3072 281698	7244	13506	33595	141362	0.500 40.0	1.00	2.00	5.00	20.0
N-Propylbenzene	FB	Ave	35467 3395634	78932	155595	399644	1706072	0.500 40.0	1.00	2.00	5.00	20.0
1,2,3-Trichloropropane	FB	Ave	1001 75384	2211	3856	9549	38113	0.500 40.0	1.00	2.00	5.00	20.0
trans-1,4-Dichloro-2-butene	FB	Ave	638 61977	1548	3063	7152	29464	0.500 40.0	1.00	2.00	5.00	20.0
2-Chlorotoluene	FB	Ave	26964 1857787	44447	89370	223400	930689	0.500 40.0	1.00	2.00	5.00	20.0
1,3,5-Trimethylbenzene	FB	Ave	21306 2127317	48761	95564	253727	1060759	0.500 40.0	1.00	2.00	5.00	20.0
4-Chlorotoluene	FB	Ave	24760 2097366	49949	97070	250021	1057566	0.500 40.0	1.00	2.00	5.00	20.0
tert-Butylbenzene	FB	Ave	18796 1795017	40968	81470	212255	899911	0.500 40.0	1.00	2.00	5.00	20.0
Pentachloroethane	FB	Ave	2844 297199	7469	12504	33401	137927	0.500 40.0	1.00	2.00	5.00	20.0
1,2,4-Trimethylbenzene	FB	Ave	19733 2024446	46427	92414	243034	1024444	0.500 40.0	1.00	2.00	5.00	20.0
sec-Butylbenzene	FB	Ave	26198 2523002	57748	113944	297078	1264230	0.500 40.0	1.00	2.00	5.00	20.0
1,3-Dichlorobenzene	FB	Ave	10327 969691	23874	47127	117613	492291	0.500 40.0	1.00	2.00	5.00	20.0
4-Isopropyltoluene	FB	Ave	20482 2082355	48654	92500	241653	1042946	0.500 40.0	1.00	2.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1 Analy Batch No.: 639821

SDG No.:

Instrument ID: CVOAMS14 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2019 06:52 Calibration End Date: 09/17/2019 08:47 Calibration ID: 76755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	FB	Ave	9780 931484	23654	46339	113212	471947	0.500 40.0	1.00	2.00	5.00	20.0
n-Butylbenzene	FB	Ave	18775 1905200	43921	83826	221362	946470	0.500 40.0	1.00	2.00	5.00	20.0
1,2-Dichlorobenzene	FB	Ave	8175 771602	19736	37320	94535	393162	0.500 40.0	1.00	2.00	5.00	20.0
Hexachloroethane	FB	Ave	3880 409371	9569	17218	46002	194958	0.500 40.0	1.00	2.00	5.00	20.0
1,2-Dibromo-3-Chloropropane	FB	Ave	405 35918	1004	1702	4172	18671	0.500 40.0	1.00	2.00	5.00	20.0
Nitrobenzene	FB	Ave	1113 96347	2509	4413	10039	44679	5.00 400	10.0	20.0	50.0	200
1,2,4-Trichlorobenzene	FB	Ave	3766 362217	8652	16084	42022	184789	0.500 40.0	1.00	2.00	5.00	20.0
Hexachlorobutadiene	FB	Ave	1733 149344	3689	7306	18368	76013	0.500 40.0	1.00	2.00	5.00	20.0
Naphthalene	FB	Ave	6032 619159	13197	27179	69204	300235	0.500 40.0	1.00	2.00	5.00	20.0
1,2,3-Trichlorobenzene	FB	Ave	2650 276231	6442	12383	32272	137242	0.500 40.0	1.00	2.00	5.00	20.0
4-Bromofluorobenzene	FB	Ave	99491 106861	103839	101935	105033	104517	5.00 5.00	5.00	5.00	5.00	5.00
1,2-Dichlorobenzene-d4 (Surr)	FB	Ave	66973 70312	70470	70023	70559	73664	5.00 5.00	5.00	5.00	5.00	5.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab Sample ID: CCVIS 460-646225/3 Calibration Date: 10/10/2019 23:15

Instrument ID: CVOAMS14 Calib Start Date: 09/17/2019 06:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/17/2019 08:47

Lab File ID: S025390.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Difluoroethane	Ave	0.1344	0.0548		0.816	2.00	-59.2*	30.0
Dichlorodifluoromethane	Ave	0.2280	0.1477		1.30	2.00	-35.2*	30.0
Chlorodifluoromethane	Ave	0.1729	0.0985		1.14	2.00	-43.0*	30.0
Chloromethane	Ave	0.2326	0.1888		1.62	2.00	-18.8	30.0
Vinyl chloride	Ave	0.2324	0.1883		1.62	2.00	-19.0	30.0
Bromomethane	Ave	0.0904	0.1022		2.26	2.00	13.0	30.0
Chloroethane	Ave	0.1440	0.1360		1.89	2.00	-5.5	30.0
Trichlorofluoromethane	Ave	0.3023	0.2128		1.41	2.00	-29.6	30.0
Diethyl ether	Ave	0.0690	0.0733		2.12	2.00	6.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.2552	0.2585		2.03	2.00	1.3	30.0
Freon TF	Ave	0.1603	0.1346		1.68	2.00	-16.0	30.0
1,1-Dichloroethene	Ave	0.2610	0.2201		1.69	2.00	-15.6	30.0
Acetone	QuaF		0.0086		8.04	10.0	-19.6	30.0
Methyl iodide	QuaF		0.1228		1.49	2.00	-25.5	30.0
Carbon disulfide	Ave	0.4111	0.4175		2.03	2.00	1.6	30.0
Allyl chloride	Ave	0.1003	0.0953		1.90	2.00	-5.0	30.0
Methylene Chloride	Ave	0.1535	0.1575		2.05	2.00	2.6	30.0
TBA	Ave	0.0042	0.0034		160	200	-19.9	30.0
Methyl t-butyl ether	Ave	0.2178	0.2304		2.12	2.00	5.8	30.0
trans-1,2-Dichloroethene	Ave	0.1790	0.1583		1.77	2.00	-11.6	30.0
Acrylonitrile	Ave	0.0178	0.0188		2.11	2.00	5.7	30.0
1,1-Dichloroethane	Ave	0.3322	0.3115		1.88	2.00	-6.2	30.0
2,2-Dichloropropane	Ave	0.2898	0.2551		1.76	2.00	-12.0	30.0
cis-1,2-Dichloroethene	Ave	0.2042	0.1667		1.63	2.00	-18.4	30.0
2-Butanone	Ave	0.0052	0.0043		8.15	10.0	-18.5	30.0
Methyl acrylate	Ave	0.0463	0.0471		2.04	2.00	1.8	30.0
Ethyl Cyanide	Ave	0.0059	0.0037		6.26	10.0	-37.4*	30.0
Bromochloromethane	Ave	0.0627	0.0618		1.97	2.00	-1.6	30.0
Tetrahydrofuran	Lin2		0.0110		2.86	4.00	-28.6	30.0
Methacrylonitrile	Ave	0.0231	0.0233		2.01	2.00	0.6	30.0
Chloroform	Ave	0.3187	0.3122		1.96	2.00	-2.0	30.0
1,1,1-Trichloroethane	Ave	0.3005	0.2585		1.72	2.00	-14.0	30.0
1-Chlorobutane	Ave	0.3451	0.3272		1.90	2.00	-5.2	30.0
Carbon tetrachloride	Ave	0.2540	0.2050		1.61	2.00	-19.3	30.0
1,1-Dichloropropene	Ave	0.2669	0.2205		1.65	2.00	-17.4	30.0
Benzene	Ave	0.7153	0.6649		1.86	2.00	-7.1	30.0
1,2-Dichloroethane	Ave	0.1362	0.1458		2.14	2.00	7.1	30.0
Trichloroethene	Ave	0.2007	0.1747		1.74	2.00	-13.0	30.0
1,2-Dichloropropane	Ave	0.1607	0.1582		1.97	2.00	-1.6	30.0
Methyl methacrylate	Ave	0.0415	0.0421		2.03	2.00	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab Sample ID: CCVIS 460-646225/3 Calibration Date: 10/10/2019 23:15

Instrument ID: CVOAMS14 Calib Start Date: 09/17/2019 06:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/17/2019 08:47

Lab File ID: S025390.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromomethane	Ave	0.0644	0.0723		2.24	2.00	12.2	30.0
Bromodichloromethane	Ave	0.1985	0.1959		1.97	2.00	-1.3	30.0
2-Nitropropane	Ave	0.0126	0.0083		2.65	4.00	-33.8*	30.0
Chloroacetonitrile	Ave	0.0021	0.0022		21.2	20.0	6.2	30.0
cis-1,3-Dichloropropene	Ave	0.0473	0.0445		1.88	2.00	-5.9	30.0
4-Methyl-2-pentanone	Ave	0.0424	0.0231		5.44	10.0	-45.6*	30.0
1,1-Dichloropropanone	Ave	0.0143	0.0064		8.96	20.0	-55.2*	30.0
Toluene	Ave	0.4404	0.3901		1.77	2.00	-11.4	30.0
trans-1,3-Dichloropropene	Ave	0.0382	0.0339		1.78	2.00	-11.1	30.0
Ethyl methacrylate	Ave	0.0868	0.0755		1.74	2.00	-13.1	30.0
1,1,2-Trichloroethane	Ave	0.0791	0.0743		1.88	2.00	-6.1	30.0
Tetrachloroethene	Ave	0.1851	0.1522		1.64	2.00	-17.8	30.0
1,3-Dichloropropane	Ave	0.1509	0.1546		2.05	2.00	2.5	30.0
2-Hexanone	Ave	0.0274	0.0145		5.29	10.0	-47.1*	30.0
Dibromochloromethane	Ave	0.1033	0.0965		1.87	2.00	-6.6	30.0
1,2-Dibromoethane (EDB)	Ave	0.0790	0.0781		1.98	2.00	-1.2	30.0
Chlorobenzene	Ave	0.4307	0.3976		1.85	2.00	-7.7	30.0
Ethylbenzene	Ave	0.2547	0.2162		1.70	2.00	-15.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.1401	0.1223		1.75	2.00	-12.7	30.0
m-Xylene & p-Xylene	Ave	0.3049	0.2674		3.51	4.00	-12.3	30.0
o-Xylene	Ave	0.2794	0.2348		1.68	2.00	-16.0	30.0
Styrene	Ave	0.4202	0.3722		1.77	2.00	-11.4	30.0
Bromoform	Ave	0.0464	0.0414		1.78	2.00	-10.8	30.0
Isopropylbenzene	Ave	0.7875	0.6734		1.71	2.00	-14.5	30.0
Bromobenzene	Ave	0.1428	0.1307		1.83	2.00	-8.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.0806	0.0852		2.11	2.00	5.6	30.0
N-Propylbenzene	Ave	0.9396	0.8221		1.75	2.00	-12.5	30.0
1,2,3-Trichloropropane	Ave	0.0233	0.0256		2.19	2.00	9.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.0173	0.0174		2.01	2.00	0.4	30.0
2-Chlorotoluene	Ave	0.5532	0.4625		1.67	2.00	-16.4	30.0
1,3,5-Trimethylbenzene	Ave	0.5822	0.5130		1.76	2.00	-11.9	30.0
4-Chlorotoluene	Ave	0.5969	0.5484		1.84	2.00	-8.1	30.0
tert-Butylbenzene	Ave	0.4948	0.4222		1.71	2.00	-14.7	30.0
Pentachloroethane	Ave	0.0795	0.0641		1.61	2.00	-19.4	30.0
1,2,4-Trimethylbenzene	Ave	0.5554	0.5005		1.80	2.00	-9.9	30.0
sec-Butylbenzene	Ave	0.6938	0.5913		1.70	2.00	-14.8	30.0
1,3-Dichlorobenzene	Ave	0.2763	0.2540		1.84	2.00	-8.1	30.0
4-Isopropyltoluene	Ave	0.5670	0.4853		1.71	2.00	-14.4	30.0
1,4-Dichlorobenzene	Ave	0.2674	0.2532		1.89	2.00	-5.3	30.0
n-Butylbenzene	Ave	0.5163	0.4543		1.76	2.00	-12.0	30.0
1,2-Dichlorobenzene	Ave	0.2215	0.2122		1.92	2.00	-4.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Lab Sample ID: CCVIS 460-646225/3 Calibration Date: 10/10/2019 23:15

Instrument ID: CVOAMS14 Calib Start Date: 09/17/2019 06:52

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/17/2019 08:47

Lab File ID: S025390.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachloroethane	Ave	0.1084	0.0868		1.60	2.00	-19.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0105	0.0106		2.02	2.00	1.1	30.0
Nitrobenzene	Ave	0.0027	0.0015		11.2	20.0	-44.0*	30.0
1,2,4-Trichlorobenzene	Ave	0.1001	0.0918		1.83	2.00	-8.3	30.0
Hexachlorobutadiene	Ave	0.0433	0.0330		1.52	2.00	-23.9	30.0
Naphthalene	Ave	0.1635	0.1516		1.85	2.00	-7.3	30.0
1,2,3-Trichlorobenzene	Ave	0.0750	0.0725		1.93	2.00	-3.4	30.0
Monochloropentafluoroethane	Ave	0.0138				2.00		
4-Bromofluorobenzene	Ave	0.2447	0.2607		5.33	5.00	6.5	30.0
1,2-Dichlorobenzene-d4 (Surr)	Ave	0.1661	0.1823		5.49	5.00	9.7	30.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-646225/9

Matrix: Water Lab File ID: S025396.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 01:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.12
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.15
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.090
75-34-3	1,1-Dichloroethane	ND		0.50	0.14
75-35-4	1,1-Dichloroethene	ND		0.50	0.19
563-58-6	1,1-Dichloropropene	ND		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.10
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.13
95-50-1	1,2-Dichlorobenzene	ND		0.50	0.11
107-06-2	1,2-Dichloroethane	ND		0.50	0.11
78-87-5	1,2-Dichloropropane	ND		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.12
541-73-1	1,3-Dichlorobenzene	ND		0.50	0.090
142-28-9	1,3-Dichloropropane	ND		0.50	0.090
106-46-7	1,4-Dichlorobenzene	ND		0.50	0.090
594-20-7	2,2-Dichloropropane	ND		0.50	0.15
95-49-8	2-Chlorotoluene	ND		0.50	0.10
106-43-4	4-Chlorotoluene	ND		0.50	0.11
99-87-6	4-Isopropyltoluene	ND		0.50	0.13
71-43-2	Benzene	ND		0.50	0.11
108-86-1	Bromobenzene	ND		0.50	0.070
74-97-5	Bromochloromethane	ND		0.50	0.10
75-27-4	Bromodichloromethane	ND		0.50	0.090
75-25-2	Bromoform	ND		0.50	0.080
74-83-9	Bromomethane	ND		0.50	0.14
56-23-5	Carbon tetrachloride	ND		0.50	0.17
108-90-7	Chlorobenzene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.15
75-00-3	Chloroethane	ND		0.50	0.23
67-66-3	Chloroform	ND		0.50	0.12
74-87-3	Chloromethane	ND		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-646225/9

Matrix: Water Lab File ID: S025396.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 01:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.080
74-95-3	Dibromomethane	ND		0.50	0.10
75-71-8	Dichlorodifluoromethane	ND		0.50	0.30
100-41-4	Ethylbenzene	ND		0.50	0.090
87-68-3	Hexachlorobutadiene	ND		0.50	0.19
98-82-8	Isopropylbenzene	ND		0.50	0.14
75-09-2	Methylene Chloride	ND		0.50	0.42
91-20-3	Naphthalene	ND		0.50	0.080
104-51-8	n-Butylbenzene	ND		0.50	0.14
103-65-1	N-Propylbenzene	ND		0.50	0.14
135-98-8	sec-Butylbenzene	ND		0.50	0.15
100-42-5	Styrene	ND		0.50	0.090
98-06-6	tert-Butylbenzene	ND		0.50	0.16
127-18-4	Tetrachloroethene	ND		0.50	0.14
108-88-3	Toluene	ND		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.13
79-01-6	Trichloroethene	ND		0.50	0.11
75-69-4	Trichlorofluoromethane	ND		0.50	0.27
75-01-4	Vinyl chloride	ND		0.50	0.25
1330-20-7	Xylenes, Total	ND		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-646225/4

Matrix: Water Lab File ID: S025391.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/10/2019 23:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	2.06		0.50	0.12
71-55-6	1,1,1-Trichloroethane	2.07		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	2.24		0.50	0.15
79-00-5	1,1,2-Trichloroethane	2.27		0.50	0.090
75-34-3	1,1-Dichloroethane	2.24		0.50	0.14
75-35-4	1,1-Dichloroethene	2.04		0.50	0.19
563-58-6	1,1-Dichloropropene	1.99		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	2.00		0.50	0.10
96-18-4	1,2,3-Trichloropropane	1.89		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	2.01		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	1.95		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	2.05		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	2.07		0.50	0.13
95-50-1	1,2-Dichlorobenzene	2.06		0.50	0.11
107-06-2	1,2-Dichloroethane	2.40		0.50	0.11
78-87-5	1,2-Dichloropropane	2.19		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	1.97		0.50	0.12
541-73-1	1,3-Dichlorobenzene	2.07		0.50	0.090
142-28-9	1,3-Dichloropropane	2.19		0.50	0.090
106-46-7	1,4-Dichlorobenzene	2.13		0.50	0.090
594-20-7	2,2-Dichloropropane	2.03		0.50	0.15
95-49-8	2-Chlorotoluene	1.99		0.50	0.10
106-43-4	4-Chlorotoluene	2.03		0.50	0.11
99-87-6	4-Isopropyltoluene	1.89		0.50	0.13
71-43-2	Benzene	2.11		0.50	0.11
108-86-1	Bromobenzene	1.90		0.50	0.070
74-97-5	Bromochloromethane	2.19		0.50	0.10
75-27-4	Bromodichloromethane	2.11		0.50	0.090
75-25-2	Bromoform	1.95		0.50	0.080
74-83-9	Bromomethane	2.42		0.50	0.14
56-23-5	Carbon tetrachloride	1.95		0.50	0.17
108-90-7	Chlorobenzene	2.02		0.50	0.10
124-48-1	Dibromochloromethane	2.00		0.50	0.15
75-00-3	Chloroethane	1.96		0.50	0.23
67-66-3	Chloroform	2.24		0.50	0.12
74-87-3	Chloromethane	1.63		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-646225/4

Matrix: Water Lab File ID: S025391.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/10/2019 23:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	2.02		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	2.20		0.50	0.080
74-95-3	Dibromomethane	2.19		0.50	0.10
75-71-8	Dichlorodifluoromethane	1.09		0.50	0.30
100-41-4	Ethylbenzene	1.98		0.50	0.090
87-68-3	Hexachlorobutadiene	1.71		0.50	0.19
98-82-8	Isopropylbenzene	1.92		0.50	0.14
75-09-2	Methylene Chloride	2.20		0.50	0.42
91-20-3	Naphthalene	1.93		0.50	0.080
104-51-8	n-Butylbenzene	1.94		0.50	0.14
103-65-1	N-Propylbenzene	2.04		0.50	0.14
135-98-8	sec-Butylbenzene	1.92		0.50	0.15
100-42-5	Styrene	2.05		0.50	0.090
98-06-6	tert-Butylbenzene	2.00		0.50	0.16
127-18-4	Tetrachloroethene	2.02		0.50	0.14
108-88-3	Toluene	2.02		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	2.17		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	1.84		0.50	0.13
79-01-6	Trichloroethene	2.14		0.50	0.11
75-69-4	Trichlorofluoromethane	1.85		0.50	0.27
75-01-4	Vinyl chloride	1.75		0.50	0.25
1330-20-7	Xylenes, Total	5.93		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-646225/5

Matrix: Water Lab File ID: S025392.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 00:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.99		0.50	0.12
71-55-6	1,1,1-Trichloroethane	2.12		0.50	0.17
79-34-5	1,1,2,2-Tetrachloroethane	2.28		0.50	0.15
79-00-5	1,1,2-Trichloroethane	2.22		0.50	0.090
75-34-3	1,1-Dichloroethane	2.30		0.50	0.14
75-35-4	1,1-Dichloroethene	2.13		0.50	0.19
563-58-6	1,1-Dichloropropene	2.11		0.50	0.18
87-61-6	1,2,3-Trichlorobenzene	1.93		0.50	0.10
96-18-4	1,2,3-Trichloropropane	1.96		0.50	0.14
120-82-1	1,2,4-Trichlorobenzene	1.94		0.50	0.10
95-63-6	1,2,4-Trimethylbenzene	2.00		0.50	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	1.92		0.50	0.35
106-93-4	1,2-Dibromoethane (EDB)	2.19		0.50	0.13
95-50-1	1,2-Dichlorobenzene	2.14		0.50	0.11
107-06-2	1,2-Dichloroethane	2.29		0.50	0.11
78-87-5	1,2-Dichloropropane	2.22		0.50	0.11
108-67-8	1,3,5-Trimethylbenzene	2.00		0.50	0.12
541-73-1	1,3-Dichlorobenzene	2.10		0.50	0.090
142-28-9	1,3-Dichloropropane	2.18		0.50	0.090
106-46-7	1,4-Dichlorobenzene	2.05		0.50	0.090
594-20-7	2,2-Dichloropropane	2.11		0.50	0.15
95-49-8	2-Chlorotoluene	1.98		0.50	0.10
106-43-4	4-Chlorotoluene	2.05		0.50	0.11
99-87-6	4-Isopropyltoluene	1.95		0.50	0.13
71-43-2	Benzene	2.18		0.50	0.11
108-86-1	Bromobenzene	1.94		0.50	0.070
74-97-5	Bromochloromethane	2.18		0.50	0.10
75-27-4	Bromodichloromethane	2.19		0.50	0.090
75-25-2	Bromoform	1.91		0.50	0.080
74-83-9	Bromomethane	2.49		0.50	0.14
56-23-5	Carbon tetrachloride	2.00		0.50	0.17
108-90-7	Chlorobenzene	2.17		0.50	0.10
124-48-1	Dibromochloromethane	1.99		0.50	0.15
75-00-3	Chloroethane	1.96		0.50	0.23
67-66-3	Chloroform	2.23		0.50	0.12
74-87-3	Chloromethane	1.66		0.50	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-646225/5

Matrix: Water Lab File ID: S025392.D

Analysis Method: 524.2 Date Collected:

Sample wt/vol: 25(mL) Date Analyzed: 10/11/2019 00:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 646225 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	2.03		0.50	0.14
10061-01-5	cis-1,3-Dichloropropene	2.10		0.50	0.080
74-95-3	Dibromomethane	2.25		0.50	0.10
75-71-8	Dichlorodifluoromethane	1.08		0.50	0.30
100-41-4	Ethylbenzene	1.96		0.50	0.090
87-68-3	Hexachlorobutadiene	1.94		0.50	0.19
98-82-8	Isopropylbenzene	2.09		0.50	0.14
75-09-2	Methylene Chloride	2.31		0.50	0.42
91-20-3	Naphthalene	2.06		0.50	0.080
104-51-8	n-Butylbenzene	1.97		0.50	0.14
103-65-1	N-Propylbenzene	2.07		0.50	0.14
135-98-8	sec-Butylbenzene	1.99		0.50	0.15
100-42-5	Styrene	1.98		0.50	0.090
98-06-6	tert-Butylbenzene	2.03		0.50	0.16
127-18-4	Tetrachloroethene	2.03		0.50	0.14
108-88-3	Toluene	2.07		0.50	0.11
156-60-5	trans-1,2-Dichloroethene	2.17		0.50	0.13
10061-02-6	trans-1,3-Dichloropropene	2.08		0.50	0.13
79-01-6	Trichloroethene	2.17		0.50	0.11
75-69-4	Trichlorofluoromethane	1.90		0.50	0.27
75-01-4	Vinyl chloride	1.89		0.50	0.25
1330-20-7	Xylenes, Total	6.07		0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	109		70-130
2199-69-1	1,2-Dichlorobenzene-d4 (Surr)	108		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Instrument ID: CVOAMS14 Start Date: 09/17/2019 06:28

Analysis Batch Number: 639821 End Date: 09/17/2019 18:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-639821/1		09/17/2019 06:28	1	S024172a.D	Rtx-624 0.25(mm)
STD05 460-639821/2 IC		09/17/2019 06:52	1	S024173.D	Rtx-624 0.25(mm)
STD1 460-639821/3 IC		09/17/2019 07:15	1	S024174.D	Rtx-624 0.25(mm)
STD2 460-639821/4 ICIS		09/17/2019 07:38	1	S024175.D	Rtx-624 0.25(mm)
STD5 460-639821/5 IC		09/17/2019 08:01	1	S024176.D	Rtx-624 0.25(mm)
STD20 460-639821/6 IC		09/17/2019 08:24	1	S024177.D	Rtx-624 0.25(mm)
STD40 460-639821/7 IC		09/17/2019 08:47	1	S024178.D	Rtx-624 0.25(mm)
ICV 460-639821/12		09/17/2019 11:05	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 11:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 11:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 13:02	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 13:25	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 13:48	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 14:12	2		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 14:35	2		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 15:21	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 15:45	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 16:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 16:31	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 16:55	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 17:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 17:41	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2019 18:05	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Instrument ID: CVOAMS14 Start Date: 10/10/2019 22:10

Analysis Batch Number: 646225 End Date: 10/11/2019 08:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-646225/1		10/10/2019 22:10	1	S025388.D	Rtx-624 0.25(mm)
CCVIS 460-646225/3		10/10/2019 23:15	1	S025390.D	Rtx-624 0.25(mm)
LCS 460-646225/4		10/10/2019 23:48	1	S025391.D	Rtx-624 0.25(mm)
LCSD 460-646225/5		10/11/2019 00:12	1	S025392.D	Rtx-624 0.25(mm)
MB 460-646225/9		10/11/2019 01:45	1	S025396.D	Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 02:09	1		Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 02:32	1		Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 02:55	1		Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 04:05	1		Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 04:29	1		Rtx-624 0.25(mm)
480-160248-1		10/11/2019 04:52	1	S025404.D	Rtx-624 0.25(mm)
480-160248-4		10/11/2019 05:16	1	S025405.D	Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 05:39	1		Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 06:03	1		Rtx-624 0.25(mm)
480-160248-3		10/11/2019 06:26	1	S025408.D	Rtx-624 0.25(mm)
480-160248-6		10/11/2019 06:49	1	S025409.D	Rtx-624 0.25(mm)
ZZZZZ		10/11/2019 07:13	1		Rtx-624 0.25(mm)
480-160248-2		10/11/2019 07:36	1	S025411.D	Rtx-624 0.25(mm)
480-160248-5		10/11/2019 08:00	1	S025412.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Batch Number: 646225 Batch Start Date: 10/10/19 22:10 Batch Analyst: Parekh, Vyomesh B

Batch Method: 524.2 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524EXTRA MIX 00022	524freon 00013	8FreonsSS 00012	BFB 00021
BFB 460-646225/1		524.2		25 mL	25 mL				1 uL
CCVIS 460-646225/3		524.2		25 mL	25 mL	2 uL	2 uL		
LCS 460-646225/4		524.2		25 mL	25 mL			2 uL	
LCSD 460-646225/5		524.2		25 mL	25 mL			2 uL	
MB 460-646225/9		524.2		25 mL	25 mL				
480-160248-C-1	BUMPUS EFF	524.2	T	25 mL	25 mL				
480-160248-B-4	SCALISIS EFF	524.2	T	25 mL	25 mL				
480-160248-C-3	BUMPUS MID	524.2	T	25 mL	25 mL				
480-160248-A-6	SCALISIS MID	524.2	T	25 mL	25 mL				
480-160248-C-2	BUMPUS INF	524.2	T	25 mL	25 mL				
480-160248-C-5	SCALISIS INF	524.2	T	25 mL	25 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00324	GASES Li 00336	VM5R4i 00140	VM5R4SP 00142	VM5SUISi 00087	VM5TBAEASS 00132
BFB 460-646225/1		524.2							
CCVIS 460-646225/3		524.2			2 uL	2 uL		5 uL	
LCS 460-646225/4		524.2		2 uL			2 uL	5 uL	2 uL
LCSD 460-646225/5		524.2		2 uL			2 uL	5 uL	2 uL
MB 460-646225/9		524.2						5 uL	
480-160248-C-1	BUMPUS EFF	524.2	T					5 uL	
480-160248-B-4	SCALISIS EFF	524.2	T					5 uL	
480-160248-C-3	BUMPUS MID	524.2	T					5 uL	
480-160248-A-6	SCALISIS MID	524.2	T					5 uL	
480-160248-C-2	BUMPUS INF	524.2	T					5 uL	
480-160248-C-5	SCALISIS INF	524.2	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8Li 00142	VMTBAHi 00131				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 480-160248-1

SDG No.:

Batch Number: 646225 Batch Start Date: 10/10/19 22:10 Batch Analyst: Parekh, Vyomesh B

Batch Method: 524.2 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8Li 00142	VMTBAHi 00131				
BFB 460-646225/1		524.2							
CCVIS 460-646225/3		524.2		2 uL	2 uL				
LCS 460-646225/4		524.2							
LCSD 460-646225/5		524.2							
MB 460-646225/9		524.2							
480-160248-C-1	BUMPUS EFF	524.2	T						
480-160248-B-4	SCALISIS EFF	524.2	T						
480-160248-C-3	BUMPUS MID	524.2	T						
480-160248-A-6	SCALISIS MID	524.2	T						
480-160248-C-2	BUMPUS INF	524.2	T						
480-160248-C-5	SCALISIS INF	524.2	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins | Environment Testing TestAmerica

480-160248 Chain of Custody

Client Information	Sampler: A. Flake	Lab PM: Fischer, Brian J	Carrier Tr
Client Contact: Michael Noel	Phone: (585) 417-4001	E-Mail: brian.fischer@testamericainc.com	
Company: Tetra Tech GEO		Analysis Requeste	
Address: 175 N Corporate Drive Suite 100	Due Date Requested:		
City: Brookfield	TAT Requested (days): 14		
State, Zip: WI, 53045			
Phone: 262-792-1282(Tel)	PO #: 117.2204205.01		
Email: mike.noel@tetratech.com	WO #:		
Project Name: GE Pompey	Project #: 48002897		
Site: New York	SSOW#:		

B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved - VOCs	Total Number of containers	Special Instructions/Note:
		Preservation Code:					A		
Bumpus Eff	10/3/19	15:40	G	Water	N	N	X		
Bumpus Inf		15:25		Water	N	N	X		
Bumpus Mid		1535		Water	N	N	X		
Scalisis Eff		14:30		Water	N	N	X		
Scalisis Inf		14:35		Water	N	N	X		
Scalisis Mid		14:45		Water	N	N	X		
		10/3/19 AK							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	A. Flake	10/3/19 1830	Tetra Tech		10/3/19 1830	TAS
2		10/3/19 1000	TAS		10/4/19 0800	TA
3						

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3 #1 ICE

Ver: 01/16/2019

10/11/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-52099.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: brian.fischer@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-160248-1
Address: 777 New Durham Road,	Due Date Requested: 10/16/2019	Analysis Requested		Preservation Codes:
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: GE Pompey	Project #: 48002897			
Site: GE Town of Pompey	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved/ VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BUMPUS EFF (480-160248-1)	10/3/19	15:40 Eastern		Water			X	3	
BUMPUS INF (480-160248-2)	10/3/19	15:25 Eastern		Water			X	3	
BUMPUS MID (480-160248-3)	10/3/19	15:35 Eastern		Water			X	3	
SCALISIS EFF (480-160248-4)	10/3/19	14:30 Eastern		Water			X	3	
SCALISIS INF (480-160248-5)	10/3/19	14:35 Eastern		Water			X	3	
SCALISIS MID (480-160248-6)	10/3/19	14:45 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.

Possible Hazard Identification
Unconfirmed
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months
Deliverable Requested: I, II, III, IV, Other (specify)
Special Instructions/QC Requirements:
Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Unknown Cikolb	10/7/19 1700	TA	Angela Pinilla via FEDEX	10/8/19 9:35	TA Edison
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 993474	Cooler Temperature(s) °C and Other Remarks: 4.4°C IR#9 On Ice

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 480-160248-1

Login Number: 160248
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TETRA TECH
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 480-160248-1

Login Number: 160248
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins TestAmerica, Edison
List Creation: 10/08/19 11:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	993474
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	