

February 14, 2022

Jason Pelton
NYDEC_CDM Smith, Inc. - Latham, NY
11 British American Boulevard, Suite 200
Latham, NY 12110

Project Location: Bethpage, NY
Client Job Number:
Project Number: 130003A
Laboratory Work Order Number: 22B0377

Enclosed are results of analyses for samples as received by the laboratory on February 8, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Buttrick
Project Manager

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 NYDEC_CDM Smith, Inc. - Latham, NY
 11 British American Boulevard, Suite 200
 Latham, NY 12110
 ATTN: Jason Pelton

REPORT DATE: 2/14/2022

PURCHASE ORDER NUMBER: 142918

PROJECT NUMBER: 130003A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22B0377

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Bethpage, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
130003A-B-GW-DEC1-D2-020422	22B0377-01	Ground Water		SW-846 8260D	
				SW-846 8270D-E	
Trip Blank-020422	22B0377-02	Water		SW-846 8260D	
FB-020422	22B0377-03	Water		SW-846 8260D	
				SW-846 8270D-E	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane

B300780-BS1, B300780-BSD1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Chloromethane

22B0377-01[130003A-B-GW-DEC1-D2-020422], 22B0377-02[Trip Blank-020422], 22B0377-03[FB-020422], B300780-BLK1, B300780-BS1, B300780-BSD1, S068128-CCV1

Methyl Acetate

22B0377-01[130003A-B-GW-DEC1-D2-020422], 22B0377-02[Trip Blank-020422], 22B0377-03[FB-020422], B300780-BLK1, B300780-BS1, B300780-BSD1, S068128-CCV1

Naphthalene

22B0377-01[130003A-B-GW-DEC1-D2-020422], 22B0377-02[Trip Blank-020422], 22B0377-03[FB-020422], B300780-BLK1, B300780-BS1, B300780-BSD1, S068128-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B300780-BS1, B300780-BSD1, S068128-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane

22B0377-01[130003A-B-GW-DEC1-D2-020422], 22B0377-02[Trip Blank-020422], 22B0377-03[FB-020422], B300780-BLK1, B300780-BS1, B300780-BSD1, S068128-CCV1

Chloromethane

22B0377-01[130003A-B-GW-DEC1-D2-020422], 22B0377-02[Trip Blank-020422], 22B0377-03[FB-020422], B300780-BLK1, B300780-BS1, B300780-BSD1, S068128-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: 130003A-B-GW-DEC1-D2-020422

Sampled: 2/4/2022 12:10

Sample ID: 22B0377-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260D	2/9/22	2/9/22 18:59	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260D	2/9/22	2/9/22 18:59	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD

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Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: 130003A-B-GW-DEC1-D2-020422

Sampled: 2/4/2022 12:10

Sample ID: 22B0377-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Difluorochloromethane (Freon 22)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 18:59	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 18:59	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		80.4	70-130					2/9/22 18:59	
Toluene-d8		95.7	70-130					2/9/22 18:59	
4-Bromofluorobenzene		95.5	70-130					2/9/22 18:59	

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Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: 130003A-B-GW-DEC1-D2-020422

Sampled: 2/4/2022 12:10

Sample ID: 22B0377-01

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.21	µg/L	1		SW-846 8270D-E	2/8/22	2/10/22 13:15	IMR
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	26.4	15-110			2/10/22 13:15				

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Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: Trip Blank-020422

Sampled: 2/4/2022 12:00

Sample ID: 22B0377-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260D	2/9/22	2/9/22 12:53	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260D	2/9/22	2/9/22 12:53	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: Trip Blank-020422

Sampled: 2/4/2022 12:00

Sample ID: 22B0377-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Difluorochloromethane (Freon 22)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 12:53	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 12:53	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.6	70-130					2/9/22 12:53	
Toluene-d8		95.2	70-130					2/9/22 12:53	
4-Bromofluorobenzene		96.5	70-130					2/9/22 12:53	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: FB-020422

Sampled: 2/4/2022 15:00

Sample ID: 22B0377-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260D	2/9/22	2/9/22 13:19	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Chloromethane	ND	2.0	µg/L	1	V-05, V-34	SW-846 8260D	2/9/22	2/9/22 13:19	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: FB-020422

Sampled: 2/4/2022 15:00

Sample ID: 22B0377-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Difluorochloromethane (Freon 22)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	2/9/22	2/9/22 13:19	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	2/9/22	2/9/22 13:19	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.4	70-130					2/9/22 13:19	
Toluene-d8		94.9	70-130					2/9/22 13:19	
4-Bromofluorobenzene		95.7	70-130					2/9/22 13:19	

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Project Location: Bethpage, NY

Sample Description:

Work Order: 22B0377

Date Received: 2/8/2022

Field Sample #: FB-020422

Sampled: 2/4/2022 15:00

Sample ID: 22B0377-03

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.22	µg/L	1		SW-846 8270D-E	2/8/22	2/10/22 13:36	IMR
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	27.1	15-110			2/10/22 13:36				

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Sample Extraction Data**Prep Method: SW-846 5030B Analytical Method: SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0377-01 [130003A-B-GW-DEC1-D2-020422]	B300780	5	5.00	02/09/22
22B0377-02 [Trip Blank-020422]	B300780	5	5.00	02/09/22
22B0377-03 [FB-020422]	B300780	5	5.00	02/09/22

Prep Method: SW-846 3510C Analytical Method: SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0377-01 [130003A-B-GW-DEC1-D2-020422]	B300700	950	1.00	02/08/22
22B0377-03 [FB-020422]	B300700	900	1.00	02/08/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B300780 - SW-846 5030B										
Blank (B300780-BLK1)										
Prepared & Analyzed: 02/09/22										
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-34
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05, V-34
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Difluorochloromethane (Freon 22)	ND	1.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B300780 - SW-846 5030B										
Blank (B300780-BLK1)										
Prepared & Analyzed: 02/09/22										
Methyl Acetate	ND	1.0	µg/L							V-05
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	20.8		µg/L	25.0		83.1	70-130			
Surrogate: Toluene-d8	24.1		µg/L	25.0		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	23.8		µg/L	25.0		95.2	70-130			
LCS (B300780-BS1)										
Prepared & Analyzed: 02/09/22										
Acetone	93.5	50	µg/L	100		93.5	70-160			†
Acrylonitrile	9.55	5.0	µg/L	10.0		95.5	70-130			
tert-Amyl Methyl Ether (TAME)	9.83	0.50	µg/L	10.0		98.3	70-130			
Benzene	9.46	1.0	µg/L	10.0		94.6	70-130			
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130			
Bromodichloromethane	9.88	0.50	µg/L	10.0		98.8	70-130			
Bromoform	11.8	1.0	µg/L	10.0		118	70-130			
Bromomethane	19.0	2.0	µg/L	10.0		190 *	40-160			L-02, V-20, V-34 †
2-Butanone (MEK)	86.5	20	µg/L	100		86.5	40-160			†
tert-Butyl Alcohol (TBA)	94.9	20	µg/L	100		94.9	40-160			†
n-Butylbenzene	8.97	1.0	µg/L	10.0		89.7	70-130			
sec-Butylbenzene	9.59	1.0	µg/L	10.0		95.9	70-130			
tert-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.32	0.50	µg/L	10.0		93.2	70-130			
Carbon Disulfide	89.0	5.0	µg/L	100		89.0	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130			
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130			
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109	70-130			
Chloroethane	10.3	2.0	µg/L	10.0		103	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B300780 - SW-846 5030B										
LCS (B300780-BS1)										
Prepared & Analyzed: 02/09/22										
Chloroform	9.41	2.0	µg/L	10.0		94.1	70-130			
Chloromethane	4.27	2.0	µg/L	10.0		42.7	40-160			V-05, V-34 †
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130			
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.09	5.0	µg/L	10.0		90.9	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130			
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130			
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130			
1,4-Dichlorobenzene	9.96	1.0	µg/L	10.0		99.6	70-130			
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106	70-130			
Dichlorodifluoromethane (Freon 12)	9.23	2.0	µg/L	10.0		92.3	40-160			†
1,1-Dichloroethane	9.37	1.0	µg/L	10.0		93.7	70-130			
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130			
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130			
cis-1,2-Dichloroethylene	9.53	1.0	µg/L	10.0		95.3	70-130			
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130			
1,2-Dichloropropane	9.91	1.0	µg/L	10.0		99.1	70-130			
1,3-Dichloropropane	9.79	0.50	µg/L	10.0		97.9	70-130			
2,2-Dichloropropane	9.26	1.0	µg/L	10.0		92.6	40-130			†
1,1-Dichloropropene	9.44	2.0	µg/L	10.0		94.4	70-130			
cis-1,3-Dichloropropene	9.21	0.50	µg/L	10.0		92.1	70-130			
trans-1,3-Dichloropropene	9.02	0.50	µg/L	10.0		90.2	70-130			
Diethyl Ether	9.63	2.0	µg/L	10.0		96.3	70-130			
Difluorochloromethane (Freon 22)	9.97	1.0	µg/L	10.0		99.7	70-130			
Diisopropyl Ether (DIPE)	9.07	0.50	µg/L	10.0		90.7	70-130			
1,4-Dioxane	107	50	µg/L	100		107	40-130			†
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Hexachlorobutadiene	8.62	0.60	µg/L	10.0		86.2	70-130			
2-Hexanone (MBK)	95.5	10	µg/L	100		95.5	70-160			†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0		113	70-130			
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.0		100	70-130			
Methyl Acetate	7.55	1.0	µg/L	10.0		75.5	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	9.52	1.0	µg/L	10.0		95.2	70-130			
Methyl Cyclohexane	10.1	1.0	µg/L	10.0		101	70-130			
Methylene Chloride	9.03	5.0	µg/L	10.0		90.3	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160			†
Naphthalene	8.21	2.0	µg/L	10.0		82.1	40-130			V-05 †
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Styrene	10.8	1.0	µg/L	10.0		108	70-130			
1,1,1,2-Tetrachloroethane	12.0	1.0	µg/L	10.0		120	70-130			
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130			
Tetrachloroethylene	11.8	1.0	µg/L	10.0		118	70-130			
Tetrahydrofuran	9.70	10	µg/L	10.0		97.0	70-130			
Toluene	9.89	1.0	µg/L	10.0		98.9	70-130			
1,2,3-Trichlorobenzene	8.74	5.0	µg/L	10.0		87.4	70-130			
1,2,4-Trichlorobenzene	9.54	1.0	µg/L	10.0		95.4	70-130			
1,3,5-Trichlorobenzene	9.63	1.0	µg/L	10.0		96.3	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
Trichlorofluoromethane (Freon 11)	9.59	2.0	µg/L	10.0		95.9	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B300780 - SW-846 5030B										
LCS (B300780-BS1)										
Prepared & Analyzed: 02/09/22										
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1	1.0	µg/L	10.0		111	70-130			
1,2,4-Trimethylbenzene	9.94	1.0	µg/L	10.0		99.4	70-130			
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.0		113	70-130			
Vinyl Chloride	9.35	2.0	µg/L	10.0		93.5	40-160			†
m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130			
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	19.9		µg/L	25.0		79.7	70-130			
Surrogate: Toluene-d8	23.7		µg/L	25.0		94.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.0	70-130			
LCS Dup (B300780-BSD1)										
Prepared & Analyzed: 02/09/22										
Acetone	89.8	50	µg/L	100		89.8	70-160	4.06	25	†
Acrylonitrile	10.1	5.0	µg/L	10.0		101	70-130	5.60	25	
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0		100	70-130	2.01	25	
Benzene	9.93	1.0	µg/L	10.0		99.3	70-130	4.85	25	
Bromobenzene	10.6	1.0	µg/L	10.0		106	70-130	3.07	25	
Bromochloromethane	11.8	1.0	µg/L	10.0		118	70-130	2.92	25	
Bromodichloromethane	10.3	0.50	µg/L	10.0		103	70-130	4.55	25	
Bromoform	11.8	1.0	µg/L	10.0		118	70-130	0.0844	25	
Bromomethane	18.3	2.0	µg/L	10.0		183 *	40-160	3.27	25	L-02, V-20, V-34 †
2-Butanone (MEK)	84.0	20	µg/L	100		84.0	40-160	3.01	25	†
tert-Butyl Alcohol (TBA)	87.8	20	µg/L	100		87.8	40-160	7.74	25	†
n-Butylbenzene	9.02	1.0	µg/L	10.0		90.2	70-130	0.556	25	
sec-Butylbenzene	9.79	1.0	µg/L	10.0		97.9	70-130	2.06	25	
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	1.56	25	
tert-Butyl Ethyl Ether (TBEE)	9.67	0.50	µg/L	10.0		96.7	70-130	3.69	25	
Carbon Disulfide	95.0	5.0	µg/L	100		95.0	70-130	6.47	25	
Carbon Tetrachloride	11.0	5.0	µg/L	10.0		110	70-130	5.77	25	
Chlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	2.75	25	
Chlorodibromomethane	11.5	0.50	µg/L	10.0		115	70-130	5.43	25	
Chloroethane	10.4	2.0	µg/L	10.0		104	70-130	0.580	25	
Chloroform	9.59	2.0	µg/L	10.0		95.9	70-130	1.89	25	
Chloromethane	4.21	2.0	µg/L	10.0		42.1	40-160	1.42	25	V-05, V-34 †
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	1.45	25	
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130	0.940	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.66	5.0	µg/L	10.0		86.6	70-130	4.85	25	
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0		108	70-130	3.18	25	
Dibromomethane	11.0	1.0	µg/L	10.0		110	70-130	4.44	25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	2.27	25	
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	1.97	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	1.89	25	
trans-1,4-Dichloro-2-butene	10.4	2.0	µg/L	10.0		104	70-130	1.90	25	
Dichlorodifluoromethane (Freon 12)	9.26	2.0	µg/L	10.0		92.6	40-160	0.325	25	†
1,1-Dichloroethane	9.71	1.0	µg/L	10.0		97.1	70-130	3.56	25	
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	4.56	25	
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	5.38	25	
cis-1,2-Dichloroethylene	9.95	1.0	µg/L	10.0		99.5	70-130	4.31	25	
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	2.38	25	
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130	5.40	25	
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130	5.85	25	
2,2-Dichloropropane	9.80	1.0	µg/L	10.0		98.0	40-130	5.67	25	†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B300780 - SW-846 5030B										
LCS Dup (B300780-BSD1)										
Prepared & Analyzed: 02/09/22										
1,1-Dichloropropene	9.74	2.0	µg/L	10.0		97.4	70-130	3.13	25	
cis-1,3-Dichloropropene	9.59	0.50	µg/L	10.0		95.9	70-130	4.04	25	
trans-1,3-Dichloropropene	9.58	0.50	µg/L	10.0		95.8	70-130	6.02	25	
Diethyl Ether	10.2	2.0	µg/L	10.0		102	70-130	5.94	25	
Difluorochloromethane (Freon 22)	10.1	1.0	µg/L	10.0		101	70-130	1.69	25	
Diisopropyl Ether (DIPE)	9.65	0.50	µg/L	10.0		96.5	70-130	6.20	25	
1,4-Dioxane	111	50	µg/L	100		111	40-130	4.25	50	† ‡
Ethylbenzene	10.9	1.0	µg/L	10.0		109	70-130	0.369	25	
Hexachlorobutadiene	8.61	0.60	µg/L	10.0		86.1	70-130	0.116	25	
2-Hexanone (MBK)	92.7	10	µg/L	100		92.7	70-160	3.04	25	†
Isopropylbenzene (Cumene)	11.5	1.0	µg/L	10.0		115	70-130	1.84	25	
p-Isopropyltoluene (p-Cymene)	10.1	1.0	µg/L	10.0		101	70-130	0.993	25	
Methyl Acetate	7.42	1.0	µg/L	10.0		74.2	70-130	1.74	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.73	1.0	µg/L	10.0		97.3	70-130	2.18	25	
Methyl Cyclohexane	10.6	1.0	µg/L	10.0		106	70-130	4.36	25	
Methylene Chloride	9.76	5.0	µg/L	10.0		97.6	70-130	7.77	25	
4-Methyl-2-pentanone (MIBK)	98.3	10	µg/L	100		98.3	70-160	2.42	25	†
Naphthalene	8.04	2.0	µg/L	10.0		80.4	40-130	2.09	25	V-05 †
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	1.04	25	
Styrene	11.2	1.0	µg/L	10.0		112	70-130	4.00	25	
1,1,1,2-Tetrachloroethane	12.3	1.0	µg/L	10.0		123	70-130	2.80	25	
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	2.06	25	
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123	70-130	3.97	25	
Tetrahydrofuran	9.39	10	µg/L	10.0		93.9	70-130	3.25	25	
Toluene	10.3	1.0	µg/L	10.0		103	70-130	4.35	25	
1,2,3-Trichlorobenzene	8.58	5.0	µg/L	10.0		85.8	70-130	1.85	25	
1,2,4-Trichlorobenzene	9.72	1.0	µg/L	10.0		97.2	70-130	1.87	25	
1,3,5-Trichlorobenzene	9.81	1.0	µg/L	10.0		98.1	70-130	1.85	25	
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130	3.17	25	
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111	70-130	8.26	25	
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	5.34	25	
Trichlorofluoromethane (Freon 11)	9.75	2.0	µg/L	10.0		97.5	70-130	1.65	25	
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0		110	70-130	0.273	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0		116	70-130	4.32	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	4.23	25	
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	1.32	25	
Vinyl Chloride	9.67	2.0	µg/L	10.0		96.7	40-160	3.36	25	†
m+p Xylene	22.1	2.0	µg/L	20.0		111	70-130	0.772	25	
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130	1.03	25	
Surrogate: 1,2-Dichloroethane-d4	20.3		µg/L	25.0		81.2	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.0		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		98.7	70-130			

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QUALITY CONTROL
1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B300700 - SW-846 3510C									
Blank (B300700-BLK1)					Prepared: 02/08/22 Analyzed: 02/10/22				
1,4-Dioxane	ND	0.20	µg/L						
Surrogate: 1,4-Dioxane-d8	2.82		µg/L	10.0		28.2 15-110			
LCS (B300700-BS1)					Prepared: 02/08/22 Analyzed: 02/10/22				
1,4-Dioxane	10.9	0.20	µg/L	10.0		109 40-140			
Surrogate: 1,4-Dioxane-d8	2.56		µg/L	10.0		25.6 15-110			
LCS Dup (B300700-BSD1)					Prepared: 02/08/22 Analyzed: 02/10/22				
1,4-Dioxane	10.9	0.20	µg/L	10.0		109 40-140	0.101	30	
Surrogate: 1,4-Dioxane-d8	2.77		µg/L	10.0		27.7 15-110			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Difluorochloromethane (Freon 22)	ME
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Ethylbenzene	CT,ME,NH,VA,NY
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY
SW-846 8270D-E in Water	
1,4-Dioxane	NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022

Must be sent to New England Con-Test Laboratory
 https://www.contestlabs.com



Phone: 413-525-2332
 Fax: 413-525-6405
 Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
 East Longmeadow, MA 01028

Page 1 of 1

Company Name: **NYSDEC - CDM SMITH**
 Address:
 Project Name: **Navy Northrup Gamma 1**
 Project Location: **136 TRAPPE, NY**
 Project Number: **130003A-13000313**
 Project Manager: **May Anne Taylor (CDM)** Jason Pelton (NYSDEC)
 Con-Test Quote Number: **NYSDEC CALLOUT 142918 / 13**
 Invoice Recipient: **Jason Pelton, Jason.Pelton@cdmny.gov**
 Sampled By: **L. Estreban / T. Tomazelli**

Requested Turnaround Time: 7-Day 10-Day
 Due Date:
 Rush-Approval Required: 1-Day 3-Day 2-Day 4-Day
 Data Delivery: EXCEL
 Format: PDF EXCEL
 Other:
 CLP Like Data Pkg Required:
 Email To: **Jason.Pelton@cdmny.gov**
 Fax To #: **NY.GOV**

Con-Test Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
1	130003A-B-GW-DECI- DZ-020922	4/1/22	1210	G	GW	L	
2	TRIP BLANK-020922	2/4/22	1700	G	GT	C	
3	FB-020922	2/4/22	1500	G	GT	C	

ANALYSIS REQUESTED

Matrix Code	Field Filtered	Lab to Filter
1 Matrix Codes: GW = Ground Water WW = Waste Water DW = Drinking Water A = Air S = Soil SL = Sludge SOL = Solid O = Other (please define)	<input type="checkbox"/>	<input type="checkbox"/>
2 Preservation Codes: I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium Bisulfate X = Sodium Hydroxide Thiosulfate O = Other (please define)	<input type="checkbox"/>	<input type="checkbox"/>
3 Container Codes: A = Amber Glass G = Glass P = Plastic ST = Sterile V = Vial S = Summa Canister T = Tedlar Bag O = Other (please define)	<input type="checkbox"/>	<input type="checkbox"/>

Comments:
 NYSDEC EDD - NYSDEC CALLOUT ID:
 142918

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) **CDM SMITH** Date/Time: **2/9/22 1617**
 Received by: (signature) **Jason Pelton** Date/Time: **2/4/22 16:17**
 Relinquished by: (signature) **Jason Pelton** Date/Time: **2/7/22 1810**
 Received by: (signature) **Jason Pelton** Date/Time: **2/6/22 1108**
 Relinquished by: (signature) **Jason Pelton** Date/Time: **2/6/22 1108**
 Received by: (signature) **Jason Pelton** Date/Time: **2/6/22 1108**

Program & Regulatory Information:
 AWQ STDS NY TOGS
 NYC Sewer Discharge NY CP-51
 Part 360 GW (Landfill) **4.10**
 NY Restricted Use
 NY Unrestricted Use
 NY Part 375

Enhanced Data Package:
 NYSDEC EQUIS EDD
 EQUIS (Standard) EDD
 NY Regulatory EDD
 NY Regs Hits-Only EDD

Other:
 NELAC and AIHA LAP, LLC Accredited
 Chromatogram
 AIHA-LAP, LLC
 MWRA WRTA
 School
 MBTA
 Municipality City
 Government Federal
 21 J Brownfield

Project Entity:
 Government Municipality WRTA
 Federal 21 J School
 City Brownfield MBTA

PCB ONLY:
 Soxhlet
 Non Soxhlet



FedEx Tracking



561529148223
ADD NICKNAME



Sign up for [Status Updates](#) to get updated as we have more information.

DELAYED

Delivered
Tuesday, February 8, 2022 at 11:08 am

Initially expected: Tuesday, 2/8/2022



DELIVERED

Signed for by: R.RIOS

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM
MELVILLE, NY US

TO
EAST LONGMEADOW, MA US

MANAGE DELIVERY

Travel History

TIME ZONE
Local Scan Time



Tuesday, February 8, 2022

11:23 AM	WINDSOR LOCKS, CT	Delay Package delayed
11:08 AM	EAST LONGMEADOW, MA	Delivered
7:48 AM	WINDSOR LOCKS, CT	Shipment arriving On-Time
7:39 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:30 AM	WINDSOR LOCKS, CT	At local FedEx facility

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples _____



con-test
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client MSDEC - Com Smith

Received By LA Date 7/18/22 Time 1108

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling F Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 5 Actual Temp - 4.4
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished? F Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? N/A Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	<u>4</u>	1 Liter Plastic		16 oz Amb.	
HCL-	<u>5</u>	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments: