

LEGEND	
HA-1	TRENCH SAMPLE
GP-13	GEOPROBE BORING
SB-1	SOIL BORING
MW-3	MONITORING WELL
PZ-1	PIEZOMETER
TW-28	TEMPORARY WELL
- - - -	PROPERTY LINE



5600 W. Brown Deer Road
Suite 120
Milwaukee, WI 53223
Cell: 414-254-4813
Fax: 414-375-4098
lfgreendevlopment.com
WBE, SBE, WOSB, DBE

REVISIONS

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FEBRUARY, 2020
APPROVED BY: KJ
DRAWN BY: TWG
SCALE: 1"= 60'

Mar 26, 2017 - 4:19pm D:\Hopkins, Robin\Documents\KMJ_Green_Development\20170309\BASE FIGURE.dwg

ST. FRANCIS AUTO WRECKERS

SOUTH PENNSYLVANIA AVENUE

EAST NORWICH AVENUE

APPROXIMATE LOCATION OF UNDERGROUND CULVERT

4' DRAINAGE DITCH UNDERGROUND AT BREAKLINE

Water in Sumps; Groundwater just below slab

Spancrete Floor

Spancrete Floor

BASMENT

BRICK, METAL & FRAME BUILDING

MID-AMERICA STEEL DRUM PROCESSING FACILITY
2615 E. NORWICH AVENUE

GRASS AREA

NATURAL GAS LINE (APPROX.)

FRAME BUILDING (RAZED)

SHEET METAL BLDG

FORMER KITZINGER DRUM STORAGE AREA/MID-AMERICA STEEL DRUM

CINDER BLOCK WALL

EARTH HILLSIDE WITH STEEL STEPS

LEGEND

- TRENCH SAMPLE
- GEOPROBE BORING
- ⊕ SOIL BORING
- ⊕ MONITORING WELL
- ▲ PIEZOMETER
- PROPERTY BOUNDARY

SCALE IN FEET



DESIGNED BY	DATE
DRAWN BY	PROJECT
APPROVED BY	SHEET NO.
CADFILE XREF LMAN	

D F INC.
2517 E. NORWICH AVENUE
ST. FRANCIS, WISCONSIN
BRRTS #02-41-097173

Figure 2
Detailed Site Map

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

December 19, 2018

L.F. Green Development, LLC
5600 W Brown Deer Rd.
Milwaukee, WI 53223
Telephone: (414) 254-4813
Fax:

Analytical Report for STAT Work Order: 18120348 Revision 0

RE: DF

Dear Linda Fellenz:

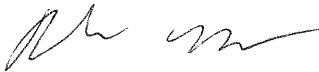
STAT Analysis received 2 samples for the referenced project on 12/12/2018 1:06:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Brandon Young
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: L.F. Green Development, LLC**Project:** DF**Work Order:** 18120348 Revision 0**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18120348-001A	VP-1 East		12/10/2018 11:00:00 AM	12/12/2018
18120348-002A	VP-2 West		12/10/2018 11:15:00 AM	12/12/2018

CLIENT: L.F. Green Development, LLC
Project: DF
Work Order: 18120348 Revision 0

CASE NARRATIVE

TO-15 results that are reported in $\mu\text{g}/\text{m}^3$ are calculated based on a temperature of 25°C, atmospheric pressure of 760 mm Hg, and the molecular weight of the analyte.

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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-1 East

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:00:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018		Analyst: MAS
1,1,1-Trichloroethane	20	0.29		ppbv	1	12/19/2018
1,1,2,2-Tetrachloroethane	ND	0.29		ppbv	1	12/19/2018
1,1,2-Trichloroethane	ND	0.29		ppbv	1	12/19/2018
1,1-Dichloroethane	ND	0.29		ppbv	1	12/19/2018
1,1-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
1,2,4-Trichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,2,4-Trimethylbenzene	0.51	0.29		ppbv	1	12/19/2018
1,2-Dibromoethane	ND	0.29		ppbv	1	12/19/2018
1,2-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,2-Dichloroethane	ND	0.29		ppbv	1	12/19/2018
1,2-Dichloropropane	ND	0.29		ppbv	1	12/19/2018
1,3,5-Trimethylbenzene	ND	0.29		ppbv	1	12/19/2018
1,3-Butadiene	ND	0.29		ppbv	1	12/19/2018
1,3-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,4-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,4-Dioxane	ND	0.72		ppbv	1	12/19/2018
2-Butanone	ND	0.72		ppbv	1	12/19/2018
2-Hexanone	ND	1.4		ppbv	1	12/19/2018
4-Ethyltoluene	ND	0.29		ppbv	1	12/19/2018
4-Methyl-2-pentanone	ND	1.4		ppbv	1	12/19/2018
Acetone	ND	2.9	*	ppbv	1	12/19/2018
Benzene	ND	0.29		ppbv	1	12/19/2018
Benzyl chloride	ND	0.72		ppbv	1	12/19/2018
Bromodichloromethane	ND	0.29		ppbv	1	12/19/2018
Bromoform	ND	0.72		ppbv	1	12/19/2018
Bromomethane	ND	0.72		ppbv	1	12/19/2018
Carbon disulfide	ND	0.29		ppbv	1	12/19/2018
Carbon tetrachloride	ND	0.29		ppbv	1	12/19/2018
Chlorobenzene	ND	0.29		ppbv	1	12/19/2018
Chloroethane	ND	0.29		ppbv	1	12/19/2018
Chloroform	ND	0.29		ppbv	1	12/19/2018
Chloromethane	ND	0.72		ppbv	1	12/19/2018
cis-1,2-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
cis-1,3-Dichloropropene	ND	0.29		ppbv	1	12/19/2018
Cyclohexane	ND	0.29		ppbv	1	12/19/2018
Dibromochloromethane	ND	0.29		ppbv	1	12/19/2018
Dichlorodifluoromethane	4.5	0.29		ppbv	1	12/19/2018
Ethyl acetate	ND	0.72		ppbv	1	12/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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 R - RPD outside accepted recovery limits
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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-1 East

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:00:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 12/17/2018	Analyst: MAS
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Ethylbenzene	ND	0.29		ppbv	1	12/19/2018
Freon-113	ND	0.29		ppbv	1	12/19/2018
Freon-114	ND	1.4		ppbv	1	12/19/2018
Heptane	ND	0.29		ppbv	1	12/19/2018
Hexachlorobutadiene	ND	0.29		ppbv	1	12/19/2018
Hexane	ND	0.72		ppbv	1	12/19/2018
Isopropyl Alcohol	ND	1.4		ppbv	1	12/19/2018
m,p-Xylene	0.75	0.58		ppbv	1	12/19/2018
Methyl tert-butyl ether	ND	0.29		ppbv	1	12/19/2018
Methylene chloride	ND	2.9		ppbv	1	12/19/2018
Naphthalene	ND	0.29		ppbv	1	12/19/2018
o-Xylene	0.38	0.29		ppbv	1	12/19/2018
Propene	ND	2.9		ppbv	1	12/19/2018
Styrene	ND	0.29		ppbv	1	12/19/2018
Tetrachloroethene	ND	0.29		ppbv	1	12/19/2018
Tetrahydrofuran	ND	0.72		ppbv	1	12/19/2018
Toluene	1.0	0.29		ppbv	1	12/19/2018
trans-1,2-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
trans-1,3-Dichloropropene	ND	0.29		ppbv	1	12/19/2018
Trichloroethene	0.49	0.29		ppbv	1	12/19/2018
Trichlorofluoromethane	2.0	0.29		ppbv	1	12/19/2018
Vinyl acetate	ND	2.9		ppbv	1	12/19/2018
Vinyl chloride	ND	0.29		ppbv	1	12/19/2018
Xylenes, Total	1.1	0.87		ppbv	1	12/19/2018

Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 12/17/2018	Analyst: MAS
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1,1,1-Trichloroethane	110	1.6		µg/m ³	1	12/19/2018
1,1,2,2-Tetrachloroethane	ND	2.0		µg/m ³	1	12/19/2018
1,1,2-Trichloroethane	ND	1.6		µg/m ³	1	12/19/2018
1,1-Dichloroethane	ND	1.2		µg/m ³	1	12/19/2018
1,1-Dichloroethene	ND	1.1		µg/m ³	1	12/19/2018
1,2,4-Trichlorobenzene	ND	2.1		µg/m ³	1	12/19/2018
1,2,4-Trimethylbenzene	2.5	1.4		µg/m ³	1	12/19/2018
1,2-Dibromoethane	ND	2.2		µg/m ³	1	12/19/2018
1,2-Dichlorobenzene	ND	1.7		µg/m ³	1	12/19/2018
1,2-Dichloroethane	ND	1.2		µg/m ³	1	12/19/2018
1,2-Dichloropropane	ND	1.3		µg/m ³	1	12/19/2018
1,3,5-Trimethylbenzene	ND	1.4		µg/m ³	1	12/19/2018
1,3-Butadiene	ND	0.64		µg/m ³	1	12/19/2018

Qualifiers:
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 * - Non-accredited parameter

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 S - Spike Recovery outside accepted recovery limits
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 E - Value above quantitation range
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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-1 East

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:00:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018		Analyst: MAS
1,3-Dichlorobenzene	ND	1.7		µg/m ³	1	12/19/2018
1,4-Dichlorobenzene	ND	1.7		µg/m ³	1	12/19/2018
1,4-Dioxane	ND	2.6		µg/m ³	1	12/19/2018
2-Butanone	ND	2.1		µg/m ³	1	12/19/2018
2-Hexanone	ND	5.9		µg/m ³	1	12/19/2018
4-Ethyltoluene	ND	1.4		µg/m ³	1	12/19/2018
4-Methyl-2-pentanone	ND	5.9		µg/m ³	1	12/19/2018
Acetone	ND	6.9	*	µg/m ³	1	12/19/2018
Benzene	ND	0.92		µg/m ³	1	12/19/2018
Benzyl chloride	ND	3.7		µg/m ³	1	12/19/2018
Bromodichloromethane	ND	1.9		µg/m ³	1	12/19/2018
Bromoform	ND	7.5		µg/m ³	1	12/19/2018
Bromomethane	ND	2.8		µg/m ³	1	12/19/2018
Carbon disulfide	ND	0.90		µg/m ³	1	12/19/2018
Carbon tetrachloride	ND	1.8		µg/m ³	1	12/19/2018
Chlorobenzene	ND	1.3		µg/m ³	1	12/19/2018
Chloroethane	ND	0.76		µg/m ³	1	12/19/2018
Chloroform	ND	1.4		µg/m ³	1	12/19/2018
Chloromethane	ND	1.5		µg/m ³	1	12/19/2018
cis-1,2-Dichloroethene	ND	1.1		µg/m ³	1	12/19/2018
cis-1,3-Dichloropropene	ND	1.3		µg/m ³	1	12/19/2018
Cyclohexane	ND	0.99		µg/m ³	1	12/19/2018
Dibromochloromethane	ND	2.5		µg/m ³	1	12/19/2018
Dichlorodifluoromethane	22	1.4		µg/m ³	1	12/19/2018
Ethyl acetate	ND	2.6		µg/m ³	1	12/19/2018
Ethylbenzene	ND	1.3		µg/m ³	1	12/19/2018
Freon-113	ND	2.2		µg/m ³	1	12/19/2018
Freon-114	ND	10		µg/m ³	1	12/19/2018
Heptane	ND	1.2		µg/m ³	1	12/19/2018
Hexachlorobutadiene	ND	3.1		µg/m ³	1	12/19/2018
Hexane	ND	2.5		µg/m ³	1	12/19/2018
Isopropyl Alcohol	ND	3.6		µg/m ³	1	12/19/2018
m,p-Xylene	3.3	2.5		µg/m ³	1	12/19/2018
Methyl tert-butyl ether	ND	1.0		µg/m ³	1	12/19/2018
Methylene chloride	ND	10		µg/m ³	1	12/19/2018
Naphthalene	ND	1.5		µg/m ³	1	12/19/2018
o-Xylene	1.6	1.3		µg/m ³	1	12/19/2018
Propene	ND	5.0		µg/m ³	1	12/19/2018

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-1 East

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:00:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018 Analyst: MAS		
Styrene	ND	1.2		µg/m ³	1	12/19/2018
Tetrachloroethene	ND	2.0		µg/m ³	1	12/19/2018
Tetrahydrofuran	ND	2.1		µg/m ³	1	12/19/2018
Toluene	3.9	1.1		µg/m ³	1	12/19/2018
trans-1,2-Dichloroethene	ND	1.1		µg/m ³	1	12/19/2018
trans-1,3-Dichloropropene	ND	1.3		µg/m ³	1	12/19/2018
Trichloroethene	2.6	1.6		µg/m ³	1	12/19/2018
Trichlorofluoromethane	11	1.6		µg/m ³	1	12/19/2018
Vinyl acetate	ND	10		µg/m ³	1	12/19/2018
Vinyl chloride	ND	0.74		µg/m ³	1	12/19/2018
Xylenes, Total	4.9	3.8		µg/m ³	1	12/19/2018

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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-2 West

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:15:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018		Analyst: MAS
1,1,1-Trichloroethane	ND	0.29		ppbv	1	12/19/2018
1,1,2,2-Tetrachloroethane	ND	0.29		ppbv	1	12/19/2018
1,1,2-Trichloroethane	ND	0.29		ppbv	1	12/19/2018
1,1-Dichloroethane	ND	0.29		ppbv	1	12/19/2018
1,1-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
1,2,4-Trichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,2,4-Trimethylbenzene	ND	0.29		ppbv	1	12/19/2018
1,2-Dibromoethane	ND	0.29		ppbv	1	12/19/2018
1,2-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,2-Dichloroethane	ND	0.29		ppbv	1	12/19/2018
1,2-Dichloropropane	ND	0.29		ppbv	1	12/19/2018
1,3,5-Trimethylbenzene	ND	0.29		ppbv	1	12/19/2018
1,3-Butadiene	ND	0.29		ppbv	1	12/19/2018
1,3-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,4-Dichlorobenzene	ND	0.29		ppbv	1	12/19/2018
1,4-Dioxane	ND	0.73		ppbv	1	12/19/2018
2-Butanone	ND	0.73		ppbv	1	12/19/2018
2-Hexanone	ND	1.5		ppbv	1	12/19/2018
4-Ethyltoluene	ND	0.29		ppbv	1	12/19/2018
4-Methyl-2-pentanone	ND	1.5		ppbv	1	12/19/2018
Acetone	10	2.9	*	ppbv	1	12/19/2018
Benzene	ND	0.29		ppbv	1	12/19/2018
Benzyl chloride	ND	0.73		ppbv	1	12/19/2018
Bromodichloromethane	ND	0.29		ppbv	1	12/19/2018
Bromoform	ND	0.73		ppbv	1	12/19/2018
Bromomethane	ND	0.73		ppbv	1	12/19/2018
Carbon disulfide	ND	0.29		ppbv	1	12/19/2018
Carbon tetrachloride	ND	0.29		ppbv	1	12/19/2018
Chlorobenzene	ND	0.29		ppbv	1	12/19/2018
Chloroethane	ND	0.29		ppbv	1	12/19/2018
Chloroform	ND	0.29		ppbv	1	12/19/2018
Chloromethane	ND	0.73		ppbv	1	12/19/2018
cis-1,2-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
cis-1,3-Dichloropropene	ND	0.29		ppbv	1	12/19/2018
Cyclohexane	ND	0.29		ppbv	1	12/19/2018
Dibromochloromethane	ND	0.29		ppbv	1	12/19/2018
Dichlorodifluoromethane	0.63	0.29		ppbv	1	12/19/2018
Ethyl acetate	ND	0.73		ppbv	1	12/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-2 West

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:15:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 12/17/2018	Analyst: MAS
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Ethylbenzene	ND	0.29		ppbv	1	12/19/2018
Freon-113	ND	0.29		ppbv	1	12/19/2018
Freon-114	ND	1.5		ppbv	1	12/19/2018
Heptane	ND	0.29		ppbv	1	12/19/2018
Hexachlorobutadiene	ND	0.29		ppbv	1	12/19/2018
Hexane	3.9	0.73		ppbv	1	12/19/2018
Isopropyl Alcohol	47	1.5		ppbv	1	12/19/2018
m,p-Xylene	ND	0.59		ppbv	1	12/19/2018
Methyl tert-butyl ether	ND	0.29		ppbv	1	12/19/2018
Methylene chloride	20	2.9		ppbv	1	12/19/2018
Naphthalene	ND	0.29		ppbv	1	12/19/2018
o-Xylene	ND	0.29		ppbv	1	12/19/2018
Propene	ND	2.9		ppbv	1	12/19/2018
Styrene	ND	0.29		ppbv	1	12/19/2018
Tetrachloroethene	ND	0.29		ppbv	1	12/19/2018
Tetrahydrofuran	ND	0.73		ppbv	1	12/19/2018
Toluene	0.81	0.29		ppbv	1	12/19/2018
trans-1,2-Dichloroethene	ND	0.29		ppbv	1	12/19/2018
trans-1,3-Dichloropropene	ND	0.29		ppbv	1	12/19/2018
Trichloroethene	ND	0.29		ppbv	1	12/19/2018
Trichlorofluoromethane	0.37	0.29		ppbv	1	12/19/2018
Vinyl acetate	ND	2.9		ppbv	1	12/19/2018
Vinyl chloride	ND	0.29		ppbv	1	12/19/2018
Xylenes, Total	ND	0.88		ppbv	1	12/19/2018

Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 12/17/2018	Analyst: MAS
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1,1,1-Trichloroethane	ND	1.6		µg/m ³	1	12/19/2018
1,1,2,2-Tetrachloroethane	ND	2.0		µg/m ³	1	12/19/2018
1,1,2-Trichloroethane	ND	1.6		µg/m ³	1	12/19/2018
1,1-Dichloroethane	ND	1.2		µg/m ³	1	12/19/2018
1,1-Dichloroethene	ND	1.2		µg/m ³	1	12/19/2018
1,2,4-Trichlorobenzene	ND	2.2		µg/m ³	1	12/19/2018
1,2,4-Trimethylbenzene	ND	1.4		µg/m ³	1	12/19/2018
1,2-Dibromoethane	ND	2.3		µg/m ³	1	12/19/2018
1,2-Dichlorobenzene	ND	1.8		µg/m ³	1	12/19/2018
1,2-Dichloroethane	ND	1.2		µg/m ³	1	12/19/2018
1,2-Dichloropropane	ND	1.4		µg/m ³	1	12/19/2018
1,3,5-Trimethylbenzene	ND	1.4		µg/m ³	1	12/19/2018
1,3-Butadiene	ND	0.65		µg/m ³	1	12/19/2018

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-2 West

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:15:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018		Analyst: MAS
1,3-Dichlorobenzene	ND	1.8		µg/m ³	1	12/19/2018
1,4-Dichlorobenzene	ND	1.8		µg/m ³	1	12/19/2018
1,4-Dioxane	ND	2.6		µg/m ³	1	12/19/2018
2-Butanone	ND	2.2		µg/m ³	1	12/19/2018
2-Hexanone	ND	6.0		µg/m ³	1	12/19/2018
4-Ethyltoluene	ND	1.4		µg/m ³	1	12/19/2018
4-Methyl-2-pentanone	ND	6.0		µg/m ³	1	12/19/2018
Acetone	24	7.0	*	µg/m ³	1	12/19/2018
Benzene	ND	0.94		µg/m ³	1	12/19/2018
Benzyl chloride	ND	3.8		µg/m ³	1	12/19/2018
Bromodichloromethane	ND	2.0		µg/m ³	1	12/19/2018
Bromoform	ND	7.6		µg/m ³	1	12/19/2018
Bromomethane	ND	2.8		µg/m ³	1	12/19/2018
Carbon disulfide	ND	0.91		µg/m ³	1	12/19/2018
Carbon tetrachloride	ND	1.8		µg/m ³	1	12/19/2018
Chlorobenzene	ND	1.3		µg/m ³	1	12/19/2018
Chloroethane	ND	0.77		µg/m ³	1	12/19/2018
Chloroform	ND	1.4		µg/m ³	1	12/19/2018
Chloromethane	ND	1.5		µg/m ³	1	12/19/2018
cis-1,2-Dichloroethene	ND	1.2		µg/m ³	1	12/19/2018
cis-1,3-Dichloropropene	ND	1.3		µg/m ³	1	12/19/2018
Cyclohexane	ND	1.0		µg/m ³	1	12/19/2018
Dibromochloromethane	ND	2.5		µg/m ³	1	12/19/2018
Dichlorodifluoromethane	3.1	1.4		µg/m ³	1	12/19/2018
Ethyl acetate	ND	2.6		µg/m ³	1	12/19/2018
Ethylbenzene	ND	1.3		µg/m ³	1	12/19/2018
Freon-113	ND	2.2		µg/m ³	1	12/19/2018
Freon-114	ND	10		µg/m ³	1	12/19/2018
Heptane	ND	1.2		µg/m ³	1	12/19/2018
Hexachlorobutadiene	ND	3.1		µg/m ³	1	12/19/2018
Hexane	14	2.6		µg/m ³	1	12/19/2018
Isopropyl Alcohol	110	3.6		µg/m ³	1	12/19/2018
m,p-Xylene	ND	2.5		µg/m ³	1	12/19/2018
Methyl tert-butyl ether	ND	1.1		µg/m ³	1	12/19/2018
Methylene chloride	69	10		µg/m ³	1	12/19/2018
Naphthalene	ND	1.5		µg/m ³	1	12/19/2018
o-Xylene	ND	1.3		µg/m ³	1	12/19/2018
Propene	ND	5.0		µg/m ³	1	12/19/2018

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Date Reported: December 19, 2018

ANALYTICAL RESULTS

Date Printed: December 19, 2018

Client: L.F. Green Development, LLC

Client Sample ID: VP-2 West

Work Order: 18120348 Revision 0

Collection Date: 12/10/2018 11:15:00 AM

Project: DF

Matrix: Air

Lab ID: 18120348-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/17/2018		Analyst: MAS
Styrene	ND	1.2		µg/m ³	1	12/19/2018
Tetrachloroethene	ND	2.0		µg/m ³	1	12/19/2018
Tetrahydrofuran	ND	2.2		µg/m ³	1	12/19/2018
Toluene	3.0	1.1		µg/m ³	1	12/19/2018
trans-1,2-Dichloroethene	ND	1.2		µg/m ³	1	12/19/2018
trans-1,3-Dichloropropene	ND	1.3		µg/m ³	1	12/19/2018
Trichloroethene	ND	1.6		µg/m ³	1	12/19/2018
Trichlorofluoromethane	2.1	1.6		µg/m ³	1	12/19/2018
Vinyl acetate	ND	10		µg/m ³	1	12/19/2018
Vinyl chloride	ND	0.75		µg/m ³	1	12/19/2018
Xylenes, Total	ND	3.8		µg/m ³	1	12/19/2018

Qualifiers:

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 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

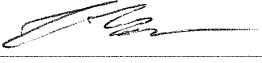
Sample Receipt Checklist

Client Name **LF GREEN DEVELOPMENT**

Date and Time Received: **12/12/2018 1:06:00 PM**

Work Order Number **18120348**

Received by: **EAA**

Checklist completed by:  12/12/18
 Signature Date

Reviewed by: Bm 12/12/18
 Initials Date

Matrix: Carrier name UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature Ambient °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Former D-F Property			License/Permit/Monitoring Number		Boring Number MW-16		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Fisher Firm: Horizon Construction and Exploration, LLC			Date Drilling Started <u>01</u> / <u>25</u> / <u>2017</u> <small>m m d d y y y y</small>		Date Drilling Completed <u>01</u> / <u>25</u> / <u>2017</u> <small>m m d d y y y y</small>		
WI Unique Well No.		DNR Well ID No.		Well Name MW-16		Final Static Water Level ____ Feet MSL	
				Surface Elevation 658.12 Feet MSL		Borehole Diameter ____ inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat <u>0</u> ' " <u>0</u> ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of NE 1/4 of Section 22 , T 6 N, R 22			Long _____		____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W		
Facility ID		County Milwaukee		County Code 41		Civil Town/City/ or Village City of St. Francis	

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Asphalt; 3" base course											
				1-3 dense dark gray SILT				63.7		M					VOC, PAH and metals Sample @1-3 ft
				Gravel seam at 3-3.5				163.8							
				3.5-5 clayey SILT				59.4		M					VOC Sample @4-5 ft
				5-7 feet wet dark gray silty CLAY				57.8		W					monitoring well MW-16 installed by HSA on 1/27/17 at 3 to 13 feet
				7-9 feet yellow brown mottled gray silty CLAY				109.2		M					
				9-10 feet gray clayey SILT				57		M					
				10-12 feet fine to coarse SAND, some fine to medium gravel				56.2		M					
				13-15 feet gray SILT											
				15-24 feet no recovery											
				Continued											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
---------------------------------------	--

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Former D-F Property			License/Permit/Monitoring Number		Boring Number MW-17	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Fisher Firm: Horizon Construction and Exploration, LLC			Date Drilling Started <u>01</u> / <u>25</u> / <u>2017</u> <small>m m d d y y y y</small>		Date Drilling Completed <u>01</u> / <u>25</u> / <u>2017</u> <small>m m d d y y y y</small>	
WI Unique Well No.		DNR Well ID No.	Well Name MW-17		Final Static Water Level ____ Feet MSL	Surface Elevation 658.92 Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Lat _____ ' _____ ''		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
_____ 1/4 of NE 1/4 of Section 22 , T 6 N, R 22		_____ Long _____		_____ Feet		_____ Feet
Facility ID _____		County Milwaukee		County Code 41	Civil Town/City/ or Village City of St. Francis	

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Asphalt; 3" base course											
				1-5 feet yellow brown fine sand and foundry sand FILL				46.9		M					
								45.0		M					VOC, PAH, and metals Sample at 3-5 feet
								26		M					
				5-10 feet wet gray CLAY, very plastic				57.8		W					VOC sample at 6-7 feet
				Gravelly SILT seam at 9-10 feet				69		W					
				10-13 feet SAND, little fine gravel, some clay						W					
				13-15 feet gray CLAY, some fine to medium sand				43.4		W					
				15-17 feet wet sandy SILT						W					
				Continued											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Sample		Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				17-19 feet gray silty CLAY				39.4	W					
				19-20 feet transitions to fine sand, then gravelly SAND some silt				53.4	W					
				20-23 feet no recovery										
				23-25 feet SAND with fine to medium gravel				26.2	W					
				25-27 feet sandy fine to coarse GRAVEL										
				27-29 feet clayey SILT				34.2	W					
				29-30 feet dense gray SILT				54.6	W					
				30-32 feet fine SAND, little to trace silt and clay, little gravel				26.7	W					
				32-34 feet silty CLAY, trace sand										
				34-35 feet dense CLAY					W					
				EOB at 35 feet										
														monitoring well MW-17 Installed by HSA on 1/27/17 at 19-29 feet

Route To: Watershed/Wastewater Waste Management
Remediation/Revelpment Other _____

Facility/Project Name Former D-F Property			License/Permit/Monitoring Number		Boring Number PMW-2	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Fisher			Date Drilling Started 01/25/2017 m m d d y y y y		Date Drilling Completed 01/25/2017 m m d d y y y y	
Firm: Horizon Construction and Exploration, LLC			Drilling Method Hydraulic Probe			
WI Unique Well No.	DNR Well ID No.	Well Name PMW-2	Final Static Water Level ____ Feet MSL		Surface Elevation 665.47 Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane _____ N, _____ E			Lat <u>0</u> ' " <u>0</u> "		<input type="checkbox"/> N <input type="checkbox"/> E	
<u>1/4</u> of NE 1/4 of Section 22 , T 6 N, R 22			Long _____		<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet	
Facility ID _____		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis		

Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
				Asphalt												
				0-10 feet FILL							M					VOC sample at 5-7 feet
				10-15 feet yellow brown mottled gray silty CLAY, trace fine to medium sand and gravel				178.4			M					VOC sample at 12-14 feet
				19-19.5 feet fine to coarse SAND; odor							W					monitoring well PMW-2 installed by HSA on 1/27/17 at 17-27 feet
				19.5-20 feet gray clayey SILT, some fine to coarse sand							W					
				20-24.5 - no recovery							W					
				24.5-25 feet gray clayey SILT, trace fine sand				428.1			W					
				25-27 feet brown fine to coarse SAND, some gravel, trace clay				343			W					
				27-35 gray silty CLAY, trace fine to coarse sand and gravel				265.2			W					
				EOB AT 35 FEET				49.7			W					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property			License/Permit/Monitoring Number		Boring Number PMW-7		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Fisher Firm: Horizon Construction and Exploration, LLC			Date Drilling Started <u>01</u> / <u>25</u> / <u>2017</u> m m d d y y y y		Date Drilling Completed <u>01</u> / <u>25</u> / <u>2017</u> m m d d y y y y		
WI Unique Well No.		DNR Well ID No.	Well Name PMW-7		Final Static Water Level ____ Feet MSL		
					Surface Elevation 658.74 Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Lat _____ ' "		Local Grid Location	
_____ 1/4 of NE 1/4 of Section 22 , T 6 N, R 22				Long _____ ' "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Milwaukee		County Code 41		Civil Town/City/ or Village City of St. Francis	

Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Asphalt											
				0-4 feet no recovery											
				4-9 feet yellow brown mottled gray silty CLAY				154.8		M					VOC sample at 6-8 feet
				9-10 feet yellow brown sandy CLAY				145.5		M					
				10-15 feet gray silty CLAY						W					
				15-20 feet no recovery											
				20-24 feet gray silty CLAY				341.3		W					monitoring well PMW-7 installed by HSA on 1/27/17 at 16-26 feet
				24-25 feet gray fine to coarse SAND				321		W					
				25-28 feet dense gray fine to coarse SAND Trace gravel				359.6		W					
				28-30 feet gray dense clayey SILT to silt, very fine sand at 29.5 to 30 feet				265.2		W					
				EOB AT 30 FEET											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Facility/Project Name Former D-F Property			License/Permit/Monitoring Number		Boring Number PMW-8		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Fisher Firm: Horizon Construction and Exploration, LLC			Date Drilling Started <u>01</u> / <u>25</u> / <u>2017</u> m m d d y y y y		Date Drilling Completed <u>01</u> / <u>25</u> / <u>2017</u> m m d d y y y y		
WI Unique Well No.		DNR Well ID No.	Well Name PMW-8		Final Static Water Level ____ Feet MSL		
					Surface Elevation 659.96 Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Lat _____ ' " _____ ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of NE 1/4 of Section 22 , T 6 N, R 22		Long _____ ' "		____ Feet		____ Feet	
Facility ID		County Milwaukee		County Code 41		Civil Town/City/ or Village City of St. Francis	

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				Concrete slab				64.4		M					
				1-3 feet dark gray mottled yellow silty CLAY				73.5		M					VOC, PAHs and metals Sample at 3-4 feet
				3-5 feet yellow brown mottled gray silty CLAY				73.0		M					
				5-6 feet dark brown fine sandy CLAY				58.2		M					
				6-8 feet yellow brown silty CLAY, moist				31.0		M					
				8-10 feet very dense yellow brown silty CLAY				28.2		W					
				10-13 feet yellow brown f to medium SAND, some clay				114.3		W					
				13-14 feet yellow brown fine to coarse SAND				43.8		W					
				14-15 feet dense gray silty clay to CLAY				129.7							
				15-20 feet poor recovery; dense fine to coarse SAND, some clay at 19 to 20 feet				81.8		W					
				20-24 feet dense light gray clayey silt to SILT				349.8		W					
				24-25 feet gray fine to coarse SAND, trace clay, very dense, strong odor Could not advance soil probe past 25 feet EOB at 25 feet										monitoring well PMW-8 installed by HSA on 1/27/17 at 24-29 feet	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
---------------------------------------	--

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelpoment Other

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number PMW-18	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019	Date Drilling Completed 01 / 21 / 2019	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name PMW-18	Borehole Diameter _____ inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E			Lat _____ ' "		
_____ 1/4 of NE 1/4 of Section 22, T 6 N, R 22			Long _____ ' "		
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Blind Drill to 20 feet below ground surface (bgs)										
				20-25 ft bgs Gray clay				0						
				25-30 ft bgs Gray clay				8	M					
				30-37 ft bgs F-C Sandy clay				0	M					
				37-40 ft bgs Brown clay, some silt, trace sand				1	M					
				41-45 ft bgs Brown wet clay, some find sand, becoming dense at 41 ft to 45 ft bgs				1	W					
				45-47 ft bgs Same as above (SAA)					M					
				47-50 ft bgs SAA, increase fine sand content					M					
				50-53 ft bgs SAA					M					
				53-54 ft bgs F-m sand, trace silt										
				54-55 ft bgs Weathered bedrock EOB, Set well, 5 foot screen										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelpment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-22	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 m m / d d / y y y y	Date Drilling Completed 01 / 21 / 2019 m m / d d / y y y y	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Well Name GP-22		Borehole Diameter _____ inches	
WI Unique Well No.	DNR Well ID No.	Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location			
State Plane _____ N, _____ E		Lat _____ ' " _____ "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
_____ 1/4 dNE _____ 1/4 of Section 22 , T 6 _____ N, R 22		Long _____ ' " _____ "		_____ Feet _____ Feet	
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Concrete 1 foot thick 0-5 ft below ground surface (bgs) Black clay, strong odor, moist EOB at 5' bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-24	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 m m / d d / y y y y	Date Drilling Completed 01 / 21 / 2019 m m / d d / y y y y	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Well Name GP-24		Borehole Diameter _____ inches	
WI Unique Well No.	DNR Well ID No.	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location			
State Plane _____ N, _____ E		Lat _____ ' "	<input type="checkbox"/> N <input type="checkbox"/> E		
_____ 1/4 of NE _____ 1/4 of Section 22, T 6 N, R 22		Long _____ ' "	<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet		
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Yellow brown clay, trace f-m sand										
				f-c sand, trace silt at 3-4 ft bgs										
				3-5 ft bgs										
				Yellow brown clay, trace to some silt, oily sheen from 3-5 ft.										
				EOB at 5' bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
--------------------------------	-----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-25		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 25 2019 <small>m m / d d / y y y y</small>		Date Drilling Completed 01 21 2019 <small>m m / d d / y y y y</small>		
Firm Horizon Construction and Exploration		Final Static Water Level ____ Feet MSL		Surface Elevation ____ Feet MSL		
WI Unique Well No.	DNR Well ID No.	Well Name GP-25		Borehole Diameter ____ inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane _____ N, _____ E			Lat _____ " _____ "			
_____ 1/4 of NE 1/4 of Section 22 , T 6 N, R 22			Long _____ " _____ "			
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Refusal on possible rebar/concrete										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
------------------------------------	---------------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-26	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 m m / d d / y y y y	Date Drilling Completed 01 / 21 / 2019 m m / d d / y y y y	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name GP-26	Borehole Diameter _____ inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Local Grid Location	
_____ 1/4 of NE _____ 1/4 of Section 22, T 6 N, R 22		Lat _____ ' "	_____ Feet <input type="checkbox"/> N <input type="checkbox"/> E		_____ Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Brown sandy clay, fill 4-5 ft bgs Dark brown f-c sand-fill, foundry sand EOB at 5 ft bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
--------------------------------	-----------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-27	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 <small>m m / d d / y y y y</small>	Date Drilling Completed 01 / 21 / 2019 <small>m m / d d / y y y y</small>	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration					
WI Unique Well No.	DNR Well ID No.	Well Name GP-27	Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL	Borehole Diameter ____ inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Local Grid Location	
____ 1/4 of NE 1/4 of Section 22 , T 6 N, R 22		Lat _____ ' " _____ "		____ Feet <input type="checkbox"/> N <input type="checkbox"/> E ____ Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				10-5 ft below ground surface Dark brown to black fine sand, fill foundry sand, wet @ 4-5 ft bgs EOB at 5' bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
------------------------------------	---------------------------------------

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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-28	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 m m / d d / y y y y	Date Drilling Completed 01 / 21 / 2019 m m / d d / y y y y	Drilling Method Hydraulic Probe	
Firm Horizon Construction and Exploration		Well Name GP-28		Borehole Diameter _____ inches	
WI Unique Well No.	DNR Well ID No.	Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Lat 0 ' "		Local Grid Location	
State Plane _____ N, _____ E		Long 0 ' "		_____ Feet <input type="checkbox"/> N _____ Feet <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
1/4 of NE 1/4 of Section 22 , T 6 N, R 22					
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Same as GP-27, but moist, not wet f-m sandy clay 4-5 ft bgs Fill (or topsoil) EOB at 5'bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-23	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 m m / d d / y y y y	Date Drilling Completed 01 / 21 / 2019 m m / d d / y y y y	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Well Name GP-23		Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name GP-23		Borehole Diameter _____ inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane _____ N, _____ E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
_____ 1/4 of NE 1/4 of Section 22, T 6 N, R 22		Lat _____ ' "	Long _____ ' "		
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				1-3 ft below ground surface (bgs) Dark gray silty clay										
				3-6 ft bgs Yellow brown mottled clay, some f-c sand										
				Oily sheen 1-5' ft bgs										
				EOB 5' bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other _____

Page 1 of 1

Facility/Project Name Former D-F Property		License/Permit/Monitoring Number		Boring Number GP-22	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet		Date Drilling Started 01 / 21 / 2019 <small>m m / d d / y y y y</small>	Date Drilling Completed 01 / 21 / 2019 <small>m m / d d / y y y y</small>	Drilling Method Hydraulic Probe	
Firm: Horizon Construction and Exploration		Well Name GP-22		Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL
WI Unique Well No.	DNR Well ID No.	Well Name		Borehole Diameter ____ inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane ____ N, ____ E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
____ 1/4 of NE 1/4 of Section 22, T 6 N, R 22		Lat 0 ' "	Long 0 ' "		
Facility ID	County Milwaukee	County Code 41	Civil Town/City/ or Village City of St. Francis		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				Concrete 1 foot thick 0-5 ft below ground surface (bgs) Black clay, strong odor, moist EOB at 5' bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Katherine M. Juno	Firm LF Green Development, LLC
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February 01, 2019

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: FORMER D-F
Pace Project No.: 40182483

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on January 25, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kate Juno, LF Green Development



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: FORMER D-F

Pace Project No.: 40182483

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER D-F

Pace Project No.: 40182483

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40182483001	GP-22 1-2'	Solid	01/21/19 12:30	01/25/19 09:20
40182483002	GP-22 4-5'	Solid	01/21/19 12:45	01/25/19 09:20
40182483003	GP-23 1-2'	Solid	01/21/19 13:15	01/25/19 09:20
40182483004	GP-23 3-4'	Solid	01/21/19 13:30	01/25/19 09:20
40182483005	GP-24 1-2'	Solid	01/21/19 13:45	01/25/19 09:20
40182483006	GP-24 3-5'	Solid	01/21/19 14:00	01/25/19 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER D-F
Pace Project No.: 40182483

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40182483001	GP-22 1-2'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182483002	GP-22 4-5'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182483003	GP-23 1-2'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182483004	GP-23 3-4'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182483005	GP-24 1-2'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182483006	GP-24 3-5'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-22 1-2' Lab ID: 40182483001 Collected: 01/21/19 12:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	71-43-2	W
Bromobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	108-86-1	W
Bromochloromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	74-97-5	W
Bromodichloromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-27-4	W
Bromoform	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-25-2	W
Bromomethane	<1470	ug/kg	5260	1470	20	01/30/19 07:30	01/30/19 14:10	74-83-9	W
n-Butylbenzene	17500	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	104-51-8	
sec-Butylbenzene	9440	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	135-98-8	
tert-Butylbenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	98-06-6	W
Carbon tetrachloride	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	56-23-5	W
Chlorobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	108-90-7	W
Chloroethane	<1410	ug/kg	5260	1410	20	01/30/19 07:30	01/30/19 14:10	75-00-3	W
Chloroform	<978	ug/kg	5260	978	20	01/30/19 07:30	01/30/19 14:10	67-66-3	W
Chloromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	74-87-3	W
2-Chlorotoluene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	95-49-8	W
4-Chlorotoluene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	106-43-4	W
1,2-Dibromo-3-chloropropane	<1920	ug/kg	5260	1920	20	01/30/19 07:30	01/30/19 14:10	96-12-8	W
Dibromochloromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	124-48-1	W
1,2-Dibromoethane (EDB)	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	106-93-4	W
Dibromomethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	74-95-3	W
1,2-Dichlorobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	95-50-1	W
1,3-Dichlorobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	541-73-1	W
1,4-Dichlorobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	106-46-7	W
Dichlorodifluoromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-71-8	W
1,1-Dichloroethane	2680	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	75-34-3	
1,2-Dichloroethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	107-06-2	W
1,1-Dichloroethene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-35-4	W
cis-1,2-Dichloroethene	20500	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	156-59-2	
trans-1,2-Dichloroethene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	156-60-5	W
1,2-Dichloropropane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	78-87-5	W
1,3-Dichloropropane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	142-28-9	W
2,2-Dichloropropane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	594-20-7	W
1,1-Dichloropropene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	563-58-6	W
cis-1,3-Dichloropropene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	10061-01-5	W
trans-1,3-Dichloropropene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	10061-02-6	W
Diisopropyl ether	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	108-20-3	W
Ethylbenzene	20200	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	100-41-4	
Hexachloro-1,3-butadiene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	87-68-3	W
Isopropylbenzene (Cumene)	4910	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	98-82-8	
p-Isopropyltoluene	21400	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	99-87-6	
Methylene Chloride	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-09-2	W
Methyl-tert-butyl ether	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	1634-04-4	W
Naphthalene	3530J	ug/kg	8430	1350	20	01/30/19 07:30	01/30/19 14:10	91-20-3	
n-Propylbenzene	12000	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	103-65-1	
Styrene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182483

Sample: GP-22 1-2' **Lab ID:** 40182483001 **Collected:** 01/21/19 12:30 **Received:** 01/25/19 09:20 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	630-20-6	W
1,1,2,2-Tetrachloroethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	79-34-5	W
Tetrachloroethene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	127-18-4	W
Toluene	8710	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	108-88-3	
1,2,3-Trichlorobenzene	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	87-61-6	W
1,2,4-Trichlorobenzene	<1000	ug/kg	5260	1000	20	01/30/19 07:30	01/30/19 14:10	120-82-1	W
1,1,1-Trichloroethane	12700	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	71-55-6	
1,1,2-Trichloroethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	79-00-5	W
Trichloroethene	1870J	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	79-01-6	
Trichlorofluoromethane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	75-69-4	W
1,2,3-Trichloropropane	<526	ug/kg	1260	526	20	01/30/19 07:30	01/30/19 14:10	96-18-4	W
1,2,4-Trimethylbenzene	87000	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	95-63-6	
1,3,5-Trimethylbenzene	28800	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	108-67-8	
Vinyl chloride	3410	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	75-01-4	
m&p-Xylene	35800	ug/kg	4050	1690	20	01/30/19 07:30	01/30/19 14:10	179601-23-1	
o-Xylene	33200	ug/kg	2020	843	20	01/30/19 07:30	01/30/19 14:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	57-148		20	01/30/19 07:30	01/30/19 14:10	1868-53-7	S4
Toluene-d8 (S)	0	%	58-142		20	01/30/19 07:30	01/30/19 14:10	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-130		20	01/30/19 07:30	01/30/19 14:10	460-00-4	S4
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	37.6	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-22 4-5' Lab ID: 40182483002 Collected: 01/21/19 12:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	71-43-2	W
Bromobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	108-86-1	W
Bromochloromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	74-97-5	W
Bromodichloromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-27-4	W
Bromoform	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-25-2	W
Bromomethane	<1750	ug/kg	6250	1750	25	01/28/19 08:15	01/29/19 14:17	74-83-9	W
n-Butylbenzene	15700	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	104-51-8	1q
sec-Butylbenzene	6990	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	135-98-8	
tert-Butylbenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	98-06-6	W
Carbon tetrachloride	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	56-23-5	W
Chlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	108-90-7	W
Chloroethane	<1680	ug/kg	6250	1680	25	01/28/19 08:15	01/29/19 14:17	75-00-3	W
Chloroform	<1160	ug/kg	6250	1160	25	01/28/19 08:15	01/29/19 14:17	67-66-3	W
Chloromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	74-87-3	W
2-Chlorotoluene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	95-49-8	W
4-Chlorotoluene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	106-43-4	W
1,2-Dibromo-3-chloropropane	<2280	ug/kg	6250	2280	25	01/28/19 08:15	01/29/19 14:17	96-12-8	W
Dibromochloromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	124-48-1	W
1,2-Dibromoethane (EDB)	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	106-93-4	W
Dibromomethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	74-95-3	W
1,2-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	95-50-1	W
1,3-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	541-73-1	W
1,4-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	106-46-7	W
Dichlorodifluoromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-71-8	W
1,1-Dichloroethane	1850J	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	75-34-3	
1,2-Dichloroethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	107-06-2	W
1,1-Dichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-35-4	W
cis-1,2-Dichloroethene	9590	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	156-59-2	
trans-1,2-Dichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	156-60-5	W
1,2-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	78-87-5	W
1,3-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	142-28-9	W
2,2-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	594-20-7	W
1,1-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	563-58-6	W
cis-1,3-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	10061-01-5	W
trans-1,3-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	10061-02-6	W
Diisopropyl ether	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	108-20-3	W
Ethylbenzene	22400	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	100-41-4	
Hexachloro-1,3-butadiene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	87-68-3	W
Isopropylbenzene (Cumene)	4270	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	98-82-8	
p-Isopropyltoluene	16700	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	99-87-6	
Methylene Chloride	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-09-2	W
Methyl-tert-butyl ether	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	1634-04-4	W
Naphthalene	5140J	ug/kg	8650	1390	25	01/28/19 08:15	01/29/19 14:17	91-20-3	
n-Propylbenzene	11000	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	103-65-1	
Styrene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182483

Sample: GP-22 4-5' Lab ID: 40182483002 Collected: 01/21/19 12:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	630-20-6	W
1,1,2,2-Tetrachloroethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	79-34-5	W
Tetrachloroethene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	127-18-4	W
Toluene	21700	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	108-88-3	
1,2,3-Trichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	87-61-6	W
1,2,4-Trichlorobenzene	<1190	ug/kg	6250	1190	25	01/28/19 08:15	01/29/19 14:17	120-82-1	W
1,1,1-Trichloroethane	24700	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	71-55-6	
1,1,2-Trichloroethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	79-00-5	W
Trichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	79-01-6	W
Trichlorofluoromethane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-69-4	W
1,2,3-Trichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	96-18-4	W
1,2,4-Trimethylbenzene	77200	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	95-63-6	
1,3,5-Trimethylbenzene	24300	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	108-67-8	
Vinyl chloride	<625	ug/kg	1500	625	25	01/28/19 08:15	01/29/19 14:17	75-01-4	W
m&p-Xylene	72100	ug/kg	4150	1730	25	01/28/19 08:15	01/29/19 14:17	179601-23-1	
o-Xylene	34200	ug/kg	2080	865	25	01/28/19 08:15	01/29/19 14:17	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	57-148		25	01/28/19 08:15	01/29/19 14:17	1868-53-7	S4
Toluene-d8 (S)	0	%	58-142		25	01/28/19 08:15	01/29/19 14:17	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-130		25	01/28/19 08:15	01/29/19 14:17	460-00-4	S4
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.8	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-23 1-2' Lab ID: 40182483003 Collected: 01/21/19 13:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	71-43-2	W
Bromobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	108-86-1	W
Bromochloromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	74-97-5	W
Bromodichloromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-27-4	W
Bromoform	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-25-2	W
Bromomethane	<1750	ug/kg	6250	1750	25	01/28/19 08:30	01/29/19 13:33	74-83-9	W
n-Butylbenzene	27900	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	104-51-8	
sec-Butylbenzene	15500	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	135-98-8	
tert-Butylbenzene	972J	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	98-06-6	
Carbon tetrachloride	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	56-23-5	W
Chlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	108-90-7	W
Chloroethane	<1680	ug/kg	6250	1680	25	01/28/19 08:30	01/29/19 13:33	75-00-3	W
Chloroform	<1160	ug/kg	6250	1160	25	01/28/19 08:30	01/29/19 13:33	67-66-3	W
Chloromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	74-87-3	W
2-Chlorotoluene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	95-49-8	W
4-Chlorotoluene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<2280	ug/kg	6250	2280	25	01/28/19 08:30	01/29/19 13:33	96-12-8	W
Dibromochloromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	124-48-1	W
1,2-Dibromoethane (EDB)	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	106-93-4	W
Dibromomethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	74-95-3	W
1,2-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	95-50-1	W
1,3-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	541-73-1	W
1,4-Dichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	106-46-7	W
Dichlorodifluoromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-71-8	W
1,1-Dichloroethane	5660	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	75-34-3	
1,2-Dichloroethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	107-06-2	W
1,1-Dichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-35-4	W
cis-1,2-Dichloroethene	52200	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	156-59-2	
trans-1,2-Dichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	156-60-5	W
1,2-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	78-87-5	W
1,3-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	142-28-9	W
2,2-Dichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	594-20-7	W
1,1-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	563-58-6	W
cis-1,3-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	10061-01-5	W
trans-1,3-Dichloropropene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	10061-02-6	W
Diisopropyl ether	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	108-20-3	W
Ethylbenzene	27200	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	100-41-4	
Hexachloro-1,3-butadiene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	87-68-3	W
Isopropylbenzene (Cumene)	7100	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	98-82-8	
p-Isopropyltoluene	21600	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	99-87-6	
Methylene Chloride	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-09-2	W
Methyl-tert-butyl ether	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	1634-04-4	W
Naphthalene	6420J	ug/kg	9630	1540	25	01/28/19 08:30	01/29/19 13:33	91-20-3	
n-Propylbenzene	16200	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	103-65-1	
Styrene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182483

Sample: GP-23 1-2' **Lab ID: 40182483003** Collected: 01/21/19 13:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	630-20-6	W
1,1,2,2-Tetrachloroethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	79-34-5	W
Tetrachloroethene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	127-18-4	W
Toluene	22500	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	108-88-3	
1,2,3-Trichlorobenzene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	87-61-6	W
1,2,4-Trichlorobenzene	<1190	ug/kg	6250	1190	25	01/28/19 08:30	01/29/19 13:33	120-82-1	W
1,1,1-Trichloroethane	30000	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	71-55-6	
1,1,2-Trichloroethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	79-00-5	W
Trichloroethene	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	79-01-6	W
Trichlorofluoromethane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	75-69-4	W
1,2,3-Trichloropropane	<625	ug/kg	1500	625	25	01/28/19 08:30	01/29/19 13:33	96-18-4	W
1,2,4-Trimethylbenzene	124000	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	95-63-6	
1,3,5-Trimethylbenzene	43300	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	108-67-8	
Vinyl chloride	1040J	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	75-01-4	
m&p-Xylene	88600	ug/kg	4620	1930	25	01/28/19 08:30	01/29/19 13:33	179601-23-1	
o-Xylene	53600	ug/kg	2310	963	25	01/28/19 08:30	01/29/19 13:33	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	57-148		25	01/28/19 08:30	01/29/19 13:33	1868-53-7	S4
Toluene-d8 (S)	0	%	58-142		25	01/28/19 08:30	01/29/19 13:33	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-130		25	01/28/19 08:30	01/29/19 13:33	460-00-4	S4
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	35.1	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182483

Sample: GP-23 3-4' Lab ID: 40182483004 Collected: 01/21/19 13:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	71-43-2	W
Bromobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	108-86-1	W
Bromochloromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	74-97-5	W
Bromodichloromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-27-4	W
Bromoform	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-25-2	W
Bromomethane	<3500	ug/kg	12500	3500	50	01/28/19 08:30	01/29/19 13:56	74-83-9	W
n-Butylbenzene	29800	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	104-51-8	
sec-Butylbenzene	15200	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	135-98-8	
tert-Butylbenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	98-06-6	W
Carbon tetrachloride	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	56-23-5	W
Chlorobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	108-90-7	W
Chloroethane	<3350	ug/kg	12500	3350	50	01/28/19 08:30	01/29/19 13:56	75-00-3	W
Chloroform	<2320	ug/kg	12500	2320	50	01/28/19 08:30	01/29/19 13:56	67-66-3	W
Chloromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	74-87-3	W
2-Chlorotoluene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	95-49-8	W
4-Chlorotoluene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	106-43-4	W
1,2-Dibromo-3-chloropropane	<4560	ug/kg	12500	4560	50	01/28/19 08:30	01/29/19 13:56	96-12-8	W
Dibromochloromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	124-48-1	W
1,2-Dibromoethane (EDB)	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	106-93-4	W
Dibromomethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	74-95-3	W
1,2-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	95-50-1	W
1,3-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	541-73-1	W
1,4-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	106-46-7	W
Dichlorodifluoromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-71-8	W
1,1-Dichloroethane	2970J	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	75-34-3	
1,2-Dichloroethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	107-06-2	W
1,1-Dichloroethene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-35-4	W
cis-1,2-Dichloroethene	16100	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	156-59-2	
trans-1,2-Dichloroethene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	156-60-5	W
1,2-Dichloropropane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	78-87-5	W
1,3-Dichloropropane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	142-28-9	W
2,2-Dichloropropane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	594-20-7	W
1,1-Dichloropropene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	563-58-6	W
cis-1,3-Dichloropropene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	10061-01-5	W
trans-1,3-Dichloropropene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	10061-02-6	W
Diisopropyl ether	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	108-20-3	W
Ethylbenzene	25800	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	100-41-4	
Hexachloro-1,3-butadiene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	87-68-3	W
Isopropylbenzene (Cumene)	6480	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	98-82-8	
p-Isopropyltoluene	20500	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	99-87-6	
Methylene Chloride	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-09-2	W
Methyl-tert-butyl ether	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	1634-04-4	W
Naphthalene	8020J	ug/kg	14900	2380	50	01/28/19 08:30	01/29/19 13:56	91-20-3	
n-Propylbenzene	19000	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	103-65-1	
Styrene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	100-42-5	W

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-23 3-4' Lab ID: 40182483004 Collected: 01/21/19 13:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	630-20-6	W
1,1,2,2-Tetrachloroethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	79-34-5	W
Tetrachloroethene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	127-18-4	W
Toluene	31200	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	108-88-3	
1,2,3-Trichlorobenzene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	87-61-6	W
1,2,4-Trichlorobenzene	<2380	ug/kg	12500	2380	50	01/28/19 08:30	01/29/19 13:56	120-82-1	W
1,1,1-Trichloroethane	29500	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	71-55-6	
1,1,2-Trichloroethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	79-00-5	W
Trichloroethene	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	79-01-6	W
Trichlorofluoromethane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-69-4	W
1,2,3-Trichloropropane	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	96-18-4	W
1,2,4-Trimethylbenzene	114000	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	95-63-6	
1,3,5-Trimethylbenzene	37200	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	108-67-8	
Vinyl chloride	<1250	ug/kg	3000	1250	50	01/28/19 08:30	01/29/19 13:56	75-01-4	W
m&p-Xylene	87000	ug/kg	7130	2970	50	01/28/19 08:30	01/29/19 13:56	179601-23-1	
o-Xylene	44400	ug/kg	3570	1490	50	01/28/19 08:30	01/29/19 13:56	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	57-148		50	01/28/19 08:30	01/29/19 13:56	1868-53-7	D3,S4
Toluene-d8 (S)	0	%	58-142		50	01/28/19 08:30	01/29/19 13:56	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-130		50	01/28/19 08:30	01/29/19 13:56	460-00-4	S4
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	15.9	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182483

Sample: GP-24 1-2' Lab ID: 40182483005 Collected: 01/21/19 13:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/28/19 08:30	01/29/19 13:09	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/28/19 08:30	01/29/19 13:09	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/28/19 08:30	01/29/19 13:09	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/28/19 08:30	01/29/19 13:09	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-71-8	W
1,1-Dichloroethane	158	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	75-34-3	
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-35-4	W
cis-1,2-Dichloroethene	2030	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	156-59-2	
trans-1,2-Dichloroethene	31.4J	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	156-60-5	
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/28/19 08:30	01/29/19 13:09	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-24 1-2' **Lab ID: 40182483005** Collected: 01/21/19 13:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	79-34-5	W
Tetrachloroethene	192	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/28/19 08:30	01/29/19 13:09	120-82-1	W
1,1,1-Trichloroethane	354	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	79-00-5	W
Trichloroethene	74.0J	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	108-67-8	W
Vinyl chloride	202	ug/kg	74.2	30.9	1	01/28/19 08:30	01/29/19 13:09	75-01-4	
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/28/19 08:30	01/29/19 13:09	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:30	01/29/19 13:09	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	99	%	57-148		1	01/28/19 08:30	01/29/19 13:09	1868-53-7	
Toluene-d8 (S)	97	%	58-142		1	01/28/19 08:30	01/29/19 13:09	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	01/28/19 08:30	01/29/19 13:09	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	19.1	%	0.10	0.10	1		01/31/19 11:48		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-24 3-5' Lab ID: 40182483006 Collected: 01/21/19 14:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	71-43-2	W
Bromobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	108-86-1	W
Bromochloromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	74-97-5	W
Bromodichloromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-27-4	W
Bromoform	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-25-2	W
Bromomethane	<1400	ug/kg	5000	1400	20	01/30/19 07:30	01/30/19 14:33	74-83-9	W
n-Butylbenzene	11900	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	104-51-8	
sec-Butylbenzene	4900	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	135-98-8	
tert-Butylbenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	98-06-6	W
Carbon tetrachloride	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	56-23-5	W
Chlorobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	108-90-7	W
Chloroethane	<1340	ug/kg	5000	1340	20	01/30/19 07:30	01/30/19 14:33	75-00-3	W
Chloroform	<929	ug/kg	5000	929	20	01/30/19 07:30	01/30/19 14:33	67-66-3	W
Chloromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	74-87-3	W
2-Chlorotoluene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	95-49-8	W
4-Chlorotoluene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	106-43-4	W
1,2-Dibromo-3-chloropropane	<1820	ug/kg	5000	1820	20	01/30/19 07:30	01/30/19 14:33	96-12-8	W
Dibromochloromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	124-48-1	W
1,2-Dibromoethane (EDB)	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	106-93-4	W
Dibromomethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	74-95-3	W
1,2-Dichlorobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	95-50-1	W
1,3-Dichlorobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	541-73-1	W
1,4-Dichlorobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	106-46-7	W
Dichlorodifluoromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-71-8	W
1,1-Dichloroethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-34-3	W
1,2-Dichloroethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	107-06-2	W
1,1-Dichloroethene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-35-4	W
cis-1,2-Dichloroethene	2270	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	156-59-2	
trans-1,2-Dichloroethene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	156-60-5	W
1,2-Dichloropropane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	78-87-5	W
1,3-Dichloropropane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	142-28-9	W
2,2-Dichloropropane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	594-20-7	W
1,1-Dichloropropene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	563-58-6	W
cis-1,3-Dichloropropene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	10061-01-5	W
trans-1,3-Dichloropropene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	10061-02-6	W
Diisopropyl ether	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	108-20-3	W
Ethylbenzene	809J	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	100-41-4	
Hexachloro-1,3-butadiene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	87-68-3	W
Isopropylbenzene (Cumene)	862J	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	98-82-8	
p-Isopropyltoluene	5680	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	99-87-6	
Methylene Chloride	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-09-2	W
Methyl-tert-butyl ether	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	1634-04-4	W
Naphthalene	<801	ug/kg	5000	801	20	01/30/19 07:30	01/30/19 14:33	91-20-3	W
n-Propylbenzene	2890	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	103-65-1	
Styrene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182483

Sample: GP-24 3-5' **Lab ID: 40182483006** Collected: 01/21/19 14:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	630-20-6	W
1,1,2,2-Tetrachloroethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	79-34-5	W
Tetrachloroethene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	127-18-4	W
Toluene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	108-88-3	W
1,2,3-Trichlorobenzene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	87-61-6	W
1,2,4-Trichlorobenzene	<951	ug/kg	5000	951	20	01/30/19 07:30	01/30/19 14:33	120-82-1	W
1,1,1-Trichloroethane	1880	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	71-55-6	
1,1,2-Trichloroethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	79-00-5	W
Trichloroethene	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	79-01-6	W
Trichlorofluoromethane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-69-4	W
1,2,3-Trichloropropane	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	96-18-4	W
1,2,4-Trimethylbenzene	15800	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	95-63-6	
1,3,5-Trimethylbenzene	3510	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	108-67-8	
Vinyl chloride	<500	ug/kg	1200	500	20	01/30/19 07:30	01/30/19 14:33	75-01-4	W
m&p-Xylene	1920J	ug/kg	2730	1140	20	01/30/19 07:30	01/30/19 14:33	179601-23-1	
o-Xylene	756J	ug/kg	1370	569	20	01/30/19 07:30	01/30/19 14:33	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	57-148		20	01/30/19 07:30	01/30/19 14:33	1868-53-7	D3,S4
Toluene-d8 (S)	0	%	58-142		20	01/30/19 07:30	01/30/19 14:33	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-130		20	01/30/19 07:30	01/30/19 14:33	460-00-4	S4
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.2	%	0.10	0.10	1		01/31/19 11:48		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

QC Batch: 312323

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Associated Lab Samples: 40182483002

METHOD BLANK: 1821090

Matrix: Solid

Associated Lab Samples: 40182483002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/28/19 14:58	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/28/19 14:58	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/28/19 14:58	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/28/19 14:58	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/28/19 14:58	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/28/19 14:58	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/28/19 14:58	
1,2,3-Trichlorobenzene	ug/kg	30.3J	50.0	01/28/19 14:58	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/28/19 14:58	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/28/19 14:58	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/28/19 14:58	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/28/19 14:58	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/28/19 14:58	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/28/19 14:58	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/28/19 14:58	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/28/19 14:58	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/28/19 14:58	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/28/19 14:58	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/28/19 14:58	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/28/19 14:58	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/28/19 14:58	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/28/19 14:58	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/28/19 14:58	
Benzene	ug/kg	<9.2	20.0	01/28/19 14:58	
Bromobenzene	ug/kg	<20.6	50.0	01/28/19 14:58	
Bromochloromethane	ug/kg	<21.4	50.0	01/28/19 14:58	
Bromodichloromethane	ug/kg	<9.8	50.0	01/28/19 14:58	
Bromoform	ug/kg	<19.8	50.0	01/28/19 14:58	
Bromomethane	ug/kg	<69.9	250	01/28/19 14:58	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/28/19 14:58	
Chlorobenzene	ug/kg	<14.8	50.0	01/28/19 14:58	
Chloroethane	ug/kg	<67.0	250	01/28/19 14:58	
Chloroform	ug/kg	<46.4	250	01/28/19 14:58	
Chloromethane	ug/kg	<20.4	50.0	01/28/19 14:58	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/28/19 14:58	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/28/19 14:58	
Dibromochloromethane	ug/kg	<17.9	50.0	01/28/19 14:58	
Dibromomethane	ug/kg	<19.3	50.0	01/28/19 14:58	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/28/19 14:58	
Diisopropyl ether	ug/kg	<17.7	50.0	01/28/19 14:58	
Ethylbenzene	ug/kg	<12.4	50.0	01/28/19 14:58	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

METHOD BLANK: 1821090

Matrix: Solid

Associated Lab Samples: 40182483002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	30.2J	50.0	01/28/19 14:58	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/28/19 14:58	
m&p-Xylene	ug/kg	<34.4	100	01/28/19 14:58	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/28/19 14:58	
Methylene Chloride	ug/kg	<16.2	50.0	01/28/19 14:58	
n-Butylbenzene	ug/kg	26.9J	50.0	01/28/19 14:58	
n-Propylbenzene	ug/kg	<11.6	50.0	01/28/19 14:58	
Naphthalene	ug/kg	<40.0	250	01/28/19 14:58	
o-Xylene	ug/kg	<14.0	50.0	01/28/19 14:58	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/28/19 14:58	
sec-Butylbenzene	ug/kg	19.6J	50.0	01/28/19 14:58	
Styrene	ug/kg	<9.0	50.0	01/28/19 14:58	
tert-Butylbenzene	ug/kg	18.2J	50.0	01/28/19 14:58	
Tetrachloroethene	ug/kg	<12.9	50.0	01/28/19 14:58	
Toluene	ug/kg	<11.2	50.0	01/28/19 14:58	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/28/19 14:58	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/28/19 14:58	
Trichloroethene	ug/kg	<23.6	50.0	01/28/19 14:58	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/28/19 14:58	
Vinyl chloride	ug/kg	<21.1	50.0	01/28/19 14:58	
4-Bromofluorobenzene (S)	%	96	48-130	01/28/19 14:58	
Dibromofluoromethane (S)	%	110	57-148	01/28/19 14:58	
Toluene-d8 (S)	%	113	58-142	01/28/19 14:58	

LABORATORY CONTROL SAMPLE: 1821091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2940	118	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2910	116	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2720	109	70-130	
1,1-Dichloroethane	ug/kg	2500	2860	114	67-132	
1,1-Dichloroethene	ug/kg	2500	2230	89	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2520	101	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2660	107	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2820	113	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
1,2-Dichloroethane	ug/kg	2500	3370	135	65-137	
1,2-Dichloropropane	ug/kg	2500	2790	112	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2390	96	70-130	
Benzene	ug/kg	2500	2860	114	70-130	
Bromodichloromethane	ug/kg	2500	2690	108	70-130	
Bromoform	ug/kg	2500	2110	85	57-117	
Bromomethane	ug/kg	2500	2320	93	48-135	

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182483

LABORATORY CONTROL SAMPLE: 1821091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2890	115	65-133	
Chlorobenzene	ug/kg	2500	2430	97	70-130	
Chloroethane	ug/kg	2500	2780	111	37-165	
Chloroform	ug/kg	2500	2840	113	72-126	
Chloromethane	ug/kg	2500	1790	72	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2650	106	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2750	110	69-130	
Dibromochloromethane	ug/kg	2500	2570	103	68-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	22-100	
Ethylbenzene	ug/kg	2500	2580	103	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2370	95	70-130	
m&p-Xylene	ug/kg	5000	4990	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2740	110	66-129	
Methylene Chloride	ug/kg	2500	2390	96	68-129	
o-Xylene	ug/kg	2500	2470	99	70-130	
Styrene	ug/kg	2500	2490	100	70-130	
Tetrachloroethene	ug/kg	2500	2400	96	70-130	
Toluene	ug/kg	2500	2770	111	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2630	105	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2620	105	67-130	
Trichloroethene	ug/kg	2500	2770	111	70-130	
Trichlorofluoromethane	ug/kg	2500	2300	92	64-134	
Vinyl chloride	ug/kg	2500	2130	85	52-122	
4-Bromofluorobenzene (S)	%			100	48-130	
Dibromofluoromethane (S)	%			109	57-148	
Toluene-d8 (S)	%			107	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821092 1821093

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40182481001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	<25.0	1360	1360	1470	1610	108	118	62-130	9	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1360	1360	1480	1420	109	104	64-137	4	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1360	1360	1470	1410	108	103	70-130	4	20	
1,1-Dichloroethane	ug/kg	<25.0	1360	1360	1490	1590	110	117	65-132	6	20	
1,1-Dichloroethene	ug/kg	<25.0	1360	1360	1150	1320	84	97	50-128	14	21	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1360	1360	1570	1510	115	111	51-148	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1360	1360	1390	1470	102	108	43-134	6	23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1360	1360	1470	1390	108	102	70-130	6	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1360	1360	1380	1410	102	103	70-130	2	20	
1,2-Dichloroethane	ug/kg	<25.0	1360	1360	1830	1800	134	132	65-139	1	20	
1,2-Dichloropropane	ug/kg	<25.0	1360	1360	1470	1490	108	109	74-128	1	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1360	1360	1370	1400	100	103	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1360	1360	1410	1400	104	102	70-130	1	20	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821092		1821093		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40182481001 Result	MS Spike Conc.	MSD Spike Conc.									
Benzene	ug/kg	<25.0	1360	1360	1520	1590	112	117	66-132	4	20		
Bromodichloromethane	ug/kg	<25.0	1360	1360	1480	1470	108	108	69-130	0	20		
Bromoform	ug/kg	<25.0	1360	1360	1100	1080	81	80	57-130	1	20		
Bromomethane	ug/kg	<69.9	1360	1360	1520	1650	111	121	34-145	9	20		
Carbon tetrachloride	ug/kg	<25.0	1360	1360	1460	1580	108	116	54-133	8	20		
Chlorobenzene	ug/kg	<25.0	1360	1360	1350	1380	99	101	70-130	2	20		
Chloroethane	ug/kg	<67.0	1360	1360	1450	1610	107	118	33-165	10	20		
Chloroform	ug/kg	<46.4	1360	1360	1530	1590	112	117	72-128	4	20		
Chloromethane	ug/kg	<25.0	1360	1360	1070	1100	79	81	20-120	3	20		
cis-1,2-Dichloroethene	ug/kg	35.5J	1360	1360	1460	1510	105	108	69-130	3	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1370	1340	100	98	65-130	2	20		
Dibromochloromethane	ug/kg	<25.0	1360	1360	1340	1320	98	97	65-130	1	20		
Dichlorodifluoromethane	ug/kg	<25.0	1360	1360	906	1020	67	75	10-109	12	29		
Ethylbenzene	ug/kg	<25.0	1360	1360	1350	1370	99	101	63-127	2	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1360	1360	1280	1270	94	93	66-130	0	20		
m&p-Xylene	ug/kg	<50.0	2720	2720	2640	2730	97	100	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1360	1360	1420	1430	105	105	62-135	0	20		
Methylene Chloride	ug/kg	<25.0	1360	1360	1320	1370	97	100	68-129	4	20		
o-Xylene	ug/kg	<25.0	1360	1360	1320	1320	97	97	69-130	0	20		
Styrene	ug/kg	<25.0	1360	1360	1320	1300	97	95	70-130	1	20		
Tetrachloroethene	ug/kg	<25.0	1360	1360	1240	1270	91	93	70-130	2	20		
Toluene	ug/kg	<25.0	1360	1360	1480	1520	109	111	80-123	2	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1350	1480	99	108	70-130	9	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1340	1280	98	94	67-130	4	20		
Trichloroethene	ug/kg	<25.0	1360	1360	1440	1480	106	109	70-130	3	20		
Trichlorofluoromethane	ug/kg	<25.0	1360	1360	1210	1300	89	96	41-134	7	26		
Vinyl chloride	ug/kg	<25.0	1360	1360	1180	1260	87	92	39-122	6	20		
4-Bromofluorobenzene (S)	%						103	106	48-130				
Dibromofluoromethane (S)	%						116	121	57-148				
Toluene-d8 (S)	%						112	119	58-142				

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182483

QC Batch: 312325 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40182483003, 40182483004, 40182483005

METHOD BLANK: 1821094 Matrix: Solid
Associated Lab Samples: 40182483003, 40182483004, 40182483005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/28/19 09:44	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/28/19 09:44	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/28/19 09:44	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/28/19 09:44	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/28/19 09:44	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/28/19 09:44	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/28/19 09:44	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	01/28/19 09:44	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/28/19 09:44	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/28/19 09:44	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/28/19 09:44	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/28/19 09:44	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/28/19 09:44	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/28/19 09:44	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/28/19 09:44	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/28/19 09:44	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/28/19 09:44	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/28/19 09:44	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/28/19 09:44	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/28/19 09:44	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/28/19 09:44	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/28/19 09:44	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/28/19 09:44	
Benzene	ug/kg	<9.2	20.0	01/28/19 09:44	
Bromobenzene	ug/kg	<20.6	50.0	01/28/19 09:44	
Bromochloromethane	ug/kg	<21.4	50.0	01/28/19 09:44	
Bromodichloromethane	ug/kg	<9.8	50.0	01/28/19 09:44	
Bromoform	ug/kg	<19.8	50.0	01/28/19 09:44	
Bromomethane	ug/kg	<69.9	250	01/28/19 09:44	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/28/19 09:44	
Chlorobenzene	ug/kg	<14.8	50.0	01/28/19 09:44	
Chloroethane	ug/kg	<67.0	250	01/28/19 09:44	
Chloroform	ug/kg	<46.4	250	01/28/19 09:44	
Chloromethane	ug/kg	<20.4	50.0	01/28/19 09:44	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/28/19 09:44	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/28/19 09:44	
Dibromochloromethane	ug/kg	<17.9	50.0	01/28/19 09:44	
Dibromomethane	ug/kg	<19.3	50.0	01/28/19 09:44	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/28/19 09:44	
Diisopropyl ether	ug/kg	<17.7	50.0	01/28/19 09:44	
Ethylbenzene	ug/kg	<12.4	50.0	01/28/19 09:44	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

METHOD BLANK: 1821094

Matrix: Solid

Associated Lab Samples: 40182483003, 40182483004, 40182483005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	01/28/19 09:44	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/28/19 09:44	
m&p-Xylene	ug/kg	<34.4	100	01/28/19 09:44	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/28/19 09:44	
Methylene Chloride	ug/kg	<16.2	50.0	01/28/19 09:44	
n-Butylbenzene	ug/kg	<10.5	50.0	01/28/19 09:44	
n-Propylbenzene	ug/kg	<11.6	50.0	01/28/19 09:44	
Naphthalene	ug/kg	<40.0	250	01/28/19 09:44	
o-Xylene	ug/kg	<14.0	50.0	01/28/19 09:44	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/28/19 09:44	
sec-Butylbenzene	ug/kg	<11.9	50.0	01/28/19 09:44	
Styrene	ug/kg	<9.0	50.0	01/28/19 09:44	
tert-Butylbenzene	ug/kg	<9.5	50.0	01/28/19 09:44	
Tetrachloroethene	ug/kg	<12.9	50.0	01/28/19 09:44	
Toluene	ug/kg	<11.2	50.0	01/28/19 09:44	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/28/19 09:44	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/28/19 09:44	
Trichloroethene	ug/kg	<23.6	50.0	01/28/19 09:44	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/28/19 09:44	
Vinyl chloride	ug/kg	<21.1	50.0	01/28/19 09:44	
4-Bromofluorobenzene (S)	%	86	48-130	01/28/19 09:44	
Dibromofluoromethane (S)	%	93	57-148	01/28/19 09:44	
Toluene-d8 (S)	%	99	58-142	01/28/19 09:44	

LABORATORY CONTROL SAMPLE: 1821095

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2450	98	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2460	99	70-130	
1,1-Dichloroethane	ug/kg	2500	2550	102	67-132	
1,1-Dichloroethene	ug/kg	2500	2580	103	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2360	94	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2050	82	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2450	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2580	103	65-137	
1,2-Dichloropropane	ug/kg	2500	2530	101	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2670	107	70-130	
Benzene	ug/kg	2500	2530	101	70-130	
Bromodichloromethane	ug/kg	2500	2270	91	70-130	
Bromoform	ug/kg	2500	1970	79	57-117	
Bromomethane	ug/kg	2500	2720	109	48-135	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

LABORATORY CONTROL SAMPLE: 1821095

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2280	91	65-133	
Chlorobenzene	ug/kg	2500	2560	102	70-130	
Chloroethane	ug/kg	2500	2380	95	37-165	
Chloroform	ug/kg	2500	2500	100	72-126	
Chloromethane	ug/kg	2500	2090	84	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2460	98	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2390	95	69-130	
Dibromochloromethane	ug/kg	2500	2380	95	68-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	22-100	
Ethylbenzene	ug/kg	2500	2490	100	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2390	96	70-130	
m&p-Xylene	ug/kg	5000	4970	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2390	96	66-129	
Methylene Chloride	ug/kg	2500	2630	105	68-129	
o-Xylene	ug/kg	2500	2490	100	70-130	
Styrene	ug/kg	2500	2550	102	70-130	
Tetrachloroethene	ug/kg	2500	2620	105	70-130	
Toluene	ug/kg	2500	2640	106	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2480	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2410	97	67-130	
Trichloroethene	ug/kg	2500	2530	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2420	97	64-134	
Vinyl chloride	ug/kg	2500	2240	90	52-122	
4-Bromofluorobenzene (S)	%			90	48-130	
Dibromofluoromethane (S)	%			96	57-148	
Toluene-d8 (S)	%			99	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821096 1821097

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40182454009	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1550	1550	1290	1350	83	87	62-130	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1550	1550	1300	1340	84	86	64-137	3	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1550	1550	1320	1460	85	94	70-130	10	20		
1,1-Dichloroethane	ug/kg	<25.0	1550	1550	1410	1440	91	93	65-132	3	20		
1,1-Dichloroethene	ug/kg	<25.0	1550	1550	1420	1460	91	94	50-128	3	21		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1550	1550	1510	1570	97	101	51-148	4	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1550	1550	1020	1030	65	66	43-134	1	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1550	1550	1300	1360	84	88	70-130	4	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1550	1550	1600	1560	103	100	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1550	1550	1430	1470	92	95	65-139	3	20		
1,2-Dichloropropane	ug/kg	<25.0	1550	1550	1370	1460	88	94	74-128	7	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1550	1550	1500	1540	96	99	70-130	3	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1550	1550	1590	1580	102	102	70-130	0	20		

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

Parameter	Units	1821096		1821097		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40182454009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Benzene	ug/kg	<25.0	1550	1550	1410	1470	90	94	66-132	4	20	
Bromodichloromethane	ug/kg	<25.0	1550	1550	1160	1300	75	84	69-130	11	20	
Bromoform	ug/kg	<25.0	1550	1550	1130	1240	73	80	57-130	9	20	
Bromomethane	ug/kg	<69.9	1550	1550	1510	1550	97	100	34-145	2	20	
Carbon tetrachloride	ug/kg	<25.0	1550	1550	1270	1340	82	86	54-133	5	20	
Chlorobenzene	ug/kg	<25.0	1550	1550	1400	1520	90	98	70-130	8	20	
Chloroethane	ug/kg	<67.0	1550	1550	1390	1450	89	93	33-165	4	20	
Chloroform	ug/kg	<46.4	1550	1550	1380	1450	89	93	72-128	5	20	
Chloromethane	ug/kg	<25.0	1550	1550	1140	1200	73	77	20-120	5	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1550	1550	1370	1420	88	91	69-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1550	1550	1240	1350	80	87	65-130	9	20	
Dibromochloromethane	ug/kg	<25.0	1550	1550	1240	1350	80	87	65-130	8	20	
Dichlorodifluoromethane	ug/kg	<25.0	1550	1550	617	654	40	42	10-109	6	29	
Ethylbenzene	ug/kg	<25.0	1550	1550	1370	1450	88	93	63-127	6	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1550	1550	1390	1470	89	94	66-130	5	20	
m&p-Xylene	ug/kg	<50.0	3110	3110	2860	2960	92	95	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1550	1550	1370	1440	88	93	62-135	5	20	
Methylene Chloride	ug/kg	<25.0	1550	1550	1420	1510	91	97	68-129	6	20	
o-Xylene	ug/kg	<25.0	1550	1550	1380	1470	89	94	69-130	6	20	
Styrene	ug/kg	<25.0	1550	1550	1390	1480	89	96	70-130	7	20	
Tetrachloroethene	ug/kg	<25.0	1550	1550	1500	1550	96	100	70-130	3	20	
Toluene	ug/kg	<25.0	1550	1550	1420	1540	91	99	80-123	8	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1550	1550	1420	1430	91	92	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1550	1550	1180	1330	76	86	67-130	12	20	
Trichloroethene	ug/kg	<25.0	1550	1550	1450	1550	93	100	70-130	6	20	
Trichlorofluoromethane	ug/kg	<25.0	1550	1550	1300	1340	83	86	41-134	4	26	
Vinyl chloride	ug/kg	<25.0	1550	1550	1200	1250	78	81	39-122	4	20	
4-Bromofluorobenzene (S)	%						83	83	48-130			
Dibromofluoromethane (S)	%						94	88	57-148			
Toluene-d8 (S)	%						93	94	58-142			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

QC Batch: 312504

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV Med Level Normal List

Associated Lab Samples: 40182483001, 40182483006

METHOD BLANK: 1821594

Matrix: Solid

Associated Lab Samples: 40182483001, 40182483006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/30/19 10:18	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/30/19 10:18	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/30/19 10:18	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/30/19 10:18	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/30/19 10:18	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/30/19 10:18	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/30/19 10:18	
1,2,3-Trichlorobenzene	ug/kg	17.1J	50.0	01/30/19 10:18	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/30/19 10:18	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/30/19 10:18	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/30/19 10:18	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/30/19 10:18	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/30/19 10:18	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/30/19 10:18	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/30/19 10:18	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/30/19 10:18	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/30/19 10:18	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/30/19 10:18	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/30/19 10:18	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/30/19 10:18	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/30/19 10:18	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/30/19 10:18	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/30/19 10:18	
Benzene	ug/kg	<9.2	20.0	01/30/19 10:18	
Bromobenzene	ug/kg	<20.6	50.0	01/30/19 10:18	
Bromochloromethane	ug/kg	<21.4	50.0	01/30/19 10:18	
Bromodichloromethane	ug/kg	<9.8	50.0	01/30/19 10:18	
Bromoform	ug/kg	<19.8	50.0	01/30/19 10:18	
Bromomethane	ug/kg	<69.9	250	01/30/19 10:18	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/30/19 10:18	
Chlorobenzene	ug/kg	<14.8	50.0	01/30/19 10:18	
Chloroethane	ug/kg	<67.0	250	01/30/19 10:18	
Chloroform	ug/kg	<46.4	250	01/30/19 10:18	
Chloromethane	ug/kg	<20.4	50.0	01/30/19 10:18	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/30/19 10:18	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/30/19 10:18	
Dibromochloromethane	ug/kg	<17.9	50.0	01/30/19 10:18	
Dibromomethane	ug/kg	<19.3	50.0	01/30/19 10:18	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/30/19 10:18	
Diisopropyl ether	ug/kg	<17.7	50.0	01/30/19 10:18	
Ethylbenzene	ug/kg	<12.4	50.0	01/30/19 10:18	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

METHOD BLANK: 1821594

Matrix: Solid

Associated Lab Samples: 40182483001, 40182483006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	39.0J	50.0	01/30/19 10:18	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/30/19 10:18	
m&p-Xylene	ug/kg	<34.4	100	01/30/19 10:18	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/30/19 10:18	
Methylene Chloride	ug/kg	<16.2	50.0	01/30/19 10:18	
n-Butylbenzene	ug/kg	<10.5	50.0	01/30/19 10:18	
n-Propylbenzene	ug/kg	<11.6	50.0	01/30/19 10:18	
Naphthalene	ug/kg	<40.0	250	01/30/19 10:18	
o-Xylene	ug/kg	<14.0	50.0	01/30/19 10:18	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/30/19 10:18	
sec-Butylbenzene	ug/kg	<11.9	50.0	01/30/19 10:18	
Styrene	ug/kg	<9.0	50.0	01/30/19 10:18	
tert-Butylbenzene	ug/kg	<9.5	50.0	01/30/19 10:18	
Tetrachloroethene	ug/kg	<12.9	50.0	01/30/19 10:18	
Toluene	ug/kg	<11.2	50.0	01/30/19 10:18	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/30/19 10:18	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/30/19 10:18	
Trichloroethene	ug/kg	<23.6	50.0	01/30/19 10:18	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/30/19 10:18	
Vinyl chloride	ug/kg	<21.1	50.0	01/30/19 10:18	
4-Bromofluorobenzene (S)	%	87	48-130	01/30/19 10:18	
Dibromofluoromethane (S)	%	96	57-148	01/30/19 10:18	
Toluene-d8 (S)	%	98	58-142	01/30/19 10:18	

LABORATORY CONTROL SAMPLE: 1821595

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2380	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2530	101	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2590	104	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	67-132	
1,1-Dichloroethene	ug/kg	2500	2640	106	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2880	115	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2360	94	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2650	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
1,2-Dichloroethane	ug/kg	2500	2740	110	65-137	
1,2-Dichloropropane	ug/kg	2500	2580	103	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
Benzene	ug/kg	2500	2520	101	70-130	
Bromodichloromethane	ug/kg	2500	2410	96	70-130	
Bromoform	ug/kg	2500	2100	84	57-117	
Bromomethane	ug/kg	2500	3340	134	48-135	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

LABORATORY CONTROL SAMPLE: 1821595

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2410	96	65-133	
Chlorobenzene	ug/kg	2500	2690	108	70-130	
Chloroethane	ug/kg	2500	2730	109	37-165	
Chloroform	ug/kg	2500	2550	102	72-126	
Chloromethane	ug/kg	2500	2400	96	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2500	100	69-130	
Dibromochloromethane	ug/kg	2500	2520	101	68-130	
Dichlorodifluoromethane	ug/kg	2500	2040	82	22-100	
Ethylbenzene	ug/kg	2500	2560	103	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2500	100	70-130	
m&p-Xylene	ug/kg	5000	5140	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2610	104	66-129	
Methylene Chloride	ug/kg	2500	2630	105	68-129	
o-Xylene	ug/kg	2500	2570	103	70-130	
Styrene	ug/kg	2500	2630	105	70-130	
Tetrachloroethene	ug/kg	2500	2760	110	70-130	
Toluene	ug/kg	2500	2670	107	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2540	102	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2490	100	67-130	
Trichloroethene	ug/kg	2500	2670	107	70-130	
Trichlorofluoromethane	ug/kg	2500	2640	106	64-134	
Vinyl chloride	ug/kg	2500	2560	102	52-122	
4-Bromofluorobenzene (S)	%			88	48-130	
Dibromofluoromethane (S)	%			99	57-148	
Toluene-d8 (S)	%			95	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821596 1821597

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40182515002	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1440	1440	1360	1300	95	91	62-130	4	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1440	1440	1500	1440	104	100	64-137	4	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1440	1440	1580	1530	110	106	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1440	1440	1510	1420	105	99	65-132	6	20		
1,1-Dichloroethene	ug/kg	<25.0	1440	1440	1450	1430	101	100	50-128	1	21		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1440	1440	1810	1860	126	129	51-148	2	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1440	1440	1450	1320	101	91	43-134	10	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1440	1440	1540	1530	107	106	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1440	1440	1710	1660	118	115	70-130	3	20		
1,2-Dichloroethane	ug/kg	<25.0	1440	1440	1670	1560	116	108	65-139	7	20		
1,2-Dichloropropane	ug/kg	<25.0	1440	1440	1480	1420	103	99	74-128	4	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1440	1440	1610	1590	112	110	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1440	1440	1580	1600	110	111	70-130	1	20		

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182483

Parameter	Units	1821596		1821597		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40182515002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzene	ug/kg	<25.0	1440	1440	1510	1460	105	101	66-132	4	20		
Bromodichloromethane	ug/kg	<25.0	1440	1440	1310	1270	91	88	69-130	3	20		
Bromoform	ug/kg	<25.0	1440	1440	1310	1280	91	89	57-130	2	20		
Bromomethane	ug/kg	<69.9	1440	1440	2100	2100	145	146	34-145	0	20	M1	
Carbon tetrachloride	ug/kg	<25.0	1440	1440	1340	1250	93	86	54-133	7	20		
Chlorobenzene	ug/kg	<25.0	1440	1440	1570	1550	109	108	70-130	1	20		
Chloroethane	ug/kg	<67.0	1440	1440	1590	1480	110	103	33-165	7	20		
Chloroform	ug/kg	<46.4	1440	1440	1540	1460	107	101	72-128	6	20		
Chloromethane	ug/kg	<25.0	1440	1440	1230	1180	85	82	20-120	4	20		
cis-1,2-Dichloroethene	ug/kg	<25.0	1440	1440	1500	1370	104	95	69-130	9	20		
cis-1,3-Dichloropropene	ug/kg	<25.0	1440	1440	1370	1300	95	90	65-130	5	20		
Dibromochloromethane	ug/kg	<25.0	1440	1440	1420	1370	98	95	65-130	4	20		
Dichlorodifluoromethane	ug/kg	<25.0	1440	1440	933	879	65	61	10-109	6	29		
Ethylbenzene	ug/kg	<25.0	1440	1440	1530	1470	106	102	63-127	4	20		
Isopropylbenzene (Cumene)	ug/kg	<25.0	1440	1440	1560	1460	108	101	66-130	6	20		
m&p-Xylene	ug/kg	<50.0	2880	2880	3140	3030	109	105	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<25.0	1440	1440	1610	1460	111	101	62-135	10	20		
Methylene Chloride	ug/kg	<25.0	1440	1440	1560	1450	108	101	68-129	7	20		
o-Xylene	ug/kg	<25.0	1440	1440	1570	1510	109	105	69-130	4	20		
Styrene	ug/kg	<25.0	1440	1440	1590	1500	111	104	70-130	6	20		
Tetrachloroethene	ug/kg	<25.0	1440	1440	1610	1560	112	108	70-130	3	20		
Toluene	ug/kg	<25.0	1440	1440	1550	1550	108	107	80-123	1	20		
trans-1,2-Dichloroethene	ug/kg	<25.0	1440	1440	1510	1410	105	98	70-130	7	20		
trans-1,3-Dichloropropene	ug/kg	<25.0	1440	1440	1420	1410	99	98	67-130	1	20		
Trichloroethene	ug/kg	<25.0	1440	1440	1490	1480	104	102	70-130	1	20		
Trichlorofluoromethane	ug/kg	<25.0	1440	1440	1500	1370	104	95	41-134	9	26		
Vinyl chloride	ug/kg	<25.0	1440	1440	1320	1240	92	86	39-122	6	20		
4-Bromofluorobenzene (S)	%						92	91	48-130				
Dibromofluoromethane (S)	%						102	98	57-148				
Toluene-d8 (S)	%						95	94	58-142				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER D-F
Pace Project No.: 40182483

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1q Analyte was detected in the associated method blank. Sample was re-analyzed with a second method blank that was non-detect. Due to limitations of the LIMS system, only initial method blank results are reported.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER D-F
Pace Project No.: 40182483

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40182483001	GP-22 1-2'	EPA 5035/5030B	312504	EPA 8260	312508
40182483002	GP-22 4-5'	EPA 5035/5030B	312323	EPA 8260	312324
40182483003	GP-23 1-2'	EPA 5035/5030B	312325	EPA 8260	312326
40182483004	GP-23 3-4'	EPA 5035/5030B	312325	EPA 8260	312326
40182483005	GP-24 1-2'	EPA 5035/5030B	312325	EPA 8260	312326
40182483006	GP-24 3-5'	EPA 5035/5030B	312504	EPA 8260	312508
40182483001	GP-22 1-2'	ASTM D2974-87	312640		
40182483002	GP-22 4-5'	ASTM D2974-87	312640		
40182483003	GP-23 1-2'	ASTM D2974-87	312640		
40182483004	GP-23 3-4'	ASTM D2974-87	312640		
40182483005	GP-24 1-2'	ASTM D2974-87	312640		
40182483006	GP-24 3-5'	ASTM D2974-87	312640		

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1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document Revised: 25Apr2018

Document No.:
F-GB-C-031-Rev.07

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: LF Green

Project #:

WO#: 40182483

40182483

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-38 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 /Corr: 3

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 1-25-19
Initials: JK

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No pg# , mail, invoice</u> <u>1-25-19 JK</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 1/25/19

February 08, 2019

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: FORMER D-F
Pace Project No.: 40182481

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on January 25, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kate Juno, LF Green Development



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER D-F

Pace Project No.: 40182481

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER D-F

Pace Project No.: 40182481

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40182481001	GP-26 1-2'	Solid	01/21/19 14:15	01/25/19 09:20
40182481002	GP-26 3-4'	Solid	01/21/19 14:30	01/25/19 09:20
40182481003	GP-27 1-2'	Solid	01/21/19 14:45	01/25/19 09:20
40182481004	GP-27 3-4'	Solid	01/21/19 15:00	01/25/19 09:20
40182481005	GP-28 1-2'	Solid	01/21/19 15:15	01/25/19 09:20
40182481006	GP-28 3-4'	Solid	01/21/19 15:30	01/25/19 09:20
40182481007	GP-29 1-2'	Solid	01/21/19 15:45	01/25/19 09:20
40182481008	GP-29 3-4'	Solid	01/21/19 16:00	01/25/19 09:20
40182481009	PZ-1 44'	Solid	01/21/19 11:00	01/25/19 09:20

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SAMPLE ANALYTE COUNT

Project: FORMER D-F
Pace Project No.: 40182481

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40182481001	GP-26 1-2'	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182481002	GP-26 3-4'	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182481003	GP-27 1-2'	EPA 6010	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
40182481004	GP-27 3-4'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
		EPA 6010	TXW	7	PASI-G
40182481005	GP-28 1-2'	EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
		EPA 8260	MDS	64	PASI-G
40182481006	GP-28 3-4'	ASTM D2974-87	JXM	1	PASI-G
		EPA 8260	MDS	64	PASI-G
		EPA 6010	TXW	7	PASI-G
40182481007	GP-29 1-2'	EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
		EPA 6010	TXW	7	PASI-G
40182481008	GP-29 3-4'	EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
		EPA 6010	TXW	7	PASI-G
40182481009	PZ-1 44'	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	JXM	1	PASI-G
		EPA 8260	MDS	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-26 1-2' Lab ID: 40182481001 Collected: 01/21/19 14:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	17.6	mg/kg	10.6	2.2	2	01/29/19 07:14	01/30/19 13:05	7440-38-2	
Barium	33.8	mg/kg	0.53	0.16	1	01/29/19 07:14	01/29/19 18:38	7440-39-3	
Cadmium	4.2	mg/kg	1.1	0.28	2	01/29/19 07:14	01/30/19 13:05	7440-43-9	
Chromium	51.2	mg/kg	1.1	0.30	1	01/29/19 07:14	01/29/19 18:38	7440-47-3	
Lead	74.8	mg/kg	4.2	1.3	2	01/29/19 07:14	01/30/19 13:05	7439-92-1	
Selenium	<1.4	mg/kg	4.6	1.4	1	01/29/19 07:14	01/29/19 18:38	7782-49-2	
Silver	2.1	mg/kg	1.1	0.37	1	01/29/19 07:14	01/29/19 18:38	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.068	mg/kg	0.037	0.011	1	02/05/19 12:50	02/07/19 09:28	7439-97-6	B
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	14.4	ug/kg	14.1	4.2	1	01/30/19 09:25	02/07/19 16:43	83-32-9	
Acenaphthylene	4.7J	ug/kg	12.0	3.6	1	01/30/19 09:25	02/07/19 16:43	208-96-8	
Anthracene	30.7	ug/kg	20.7	6.2	1	01/30/19 09:25	02/07/19 16:43	120-12-7	
Benzo(a)anthracene	167	ug/kg	11.6	3.5	1	01/30/19 09:25	02/07/19 16:43	56-55-3	
Benzo(a)pyrene	297	ug/kg	9.1	2.7	1	01/30/19 09:25	02/07/19 16:43	50-32-8	
Benzo(b)fluoranthene	474	ug/kg	10.3	3.1	1	01/30/19 09:25	02/07/19 16:43	205-99-2	
Benzo(g,h,i)perylene	198	ug/kg	7.4	2.2	1	01/30/19 09:25	02/07/19 16:43	191-24-2	
Benzo(k)fluoranthene	139	ug/kg	9.1	2.7	1	01/30/19 09:25	02/07/19 16:43	207-08-9	
Chrysene	245	ug/kg	12.2	3.7	1	01/30/19 09:25	02/07/19 16:43	218-01-9	
Dibenz(a,h)anthracene	48.8	ug/kg	8.1	2.4	1	01/30/19 09:25	02/07/19 16:43	53-70-3	
Fluoranthene	299	ug/kg	19.0	5.7	1	01/30/19 09:25	02/07/19 16:43	206-44-0	
Fluorene	9.1J	ug/kg	15.1	4.5	1	01/30/19 09:25	02/07/19 16:43	86-73-7	
Indeno(1,2,3-cd)pyrene	169	ug/kg	8.0	2.4	1	01/30/19 09:25	02/07/19 16:43	193-39-5	
1-Methylnaphthalene	9.0J	ug/kg	14.6	4.4	1	01/30/19 09:25	02/07/19 16:43	90-12-0	
2-Methylnaphthalene	11.6J	ug/kg	18.2	5.5	1	01/30/19 09:25	02/07/19 16:43	91-57-6	
Naphthalene	10.5J	ug/kg	30.7	9.2	1	01/30/19 09:25	02/07/19 16:43	91-20-3	
Phenanthrene	185	ug/kg	42.3	12.7	1	01/30/19 09:25	02/07/19 16:43	85-01-8	
Pyrene	268	ug/kg	16.4	4.9	1	01/30/19 09:25	02/07/19 16:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	10-115		1	01/30/19 09:25	02/07/19 16:43	321-60-8	
Terphenyl-d14 (S)	60	%	10-121		1	01/30/19 09:25	02/07/19 16:43	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/28/19 08:15	01/29/19 11:13	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-26 1-2' Lab ID: 40182481001 Collected: 01/21/19 14:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/28/19 08:15	01/29/19 11:13	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/28/19 08:15	01/29/19 11:13	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/28/19 08:15	01/29/19 11:13	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-35-4	W
cis-1,2-Dichloroethene	35.5J	ug/kg	65.4	27.2	1	01/28/19 08:15	01/29/19 11:13	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/28/19 08:15	01/29/19 11:13	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/28/19 08:15	01/29/19 11:13	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-26 1-2' **Lab ID: 40182481001** Collected: 01/21/19 14:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/28/19 08:15	01/29/19 11:13	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/29/19 11:13	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	111	%	57-148		1	01/28/19 08:15	01/29/19 11:13	1868-53-7	
Toluene-d8 (S)	121	%	58-142		1	01/28/19 08:15	01/29/19 11:13	2037-26-5	
4-Bromofluorobenzene (S)	101	%	48-130		1	01/28/19 08:15	01/29/19 11:13	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.2	%	0.10	0.10	1		01/31/19 11:11		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-26 3-4' Lab ID: 40182481002 Collected: 01/21/19 14:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.8J	mg/kg	5.5	1.2	1	01/29/19 07:14	01/29/19 18:40	7440-38-2	
Barium	10.5	mg/kg	0.55	0.17	1	01/29/19 07:14	01/29/19 18:40	7440-39-3	
Cadmium	<0.15	mg/kg	0.55	0.15	1	01/29/19 07:14	01/29/19 18:40	7440-43-9	
Chromium	21.0	mg/kg	1.1	0.31	1	01/29/19 07:14	01/29/19 18:40	7440-47-3	
Lead	12.8	mg/kg	2.2	0.66	1	01/29/19 07:14	01/29/19 18:40	7439-92-1	
Selenium	<1.4	mg/kg	4.8	1.4	1	01/29/19 07:14	01/29/19 18:40	7782-49-2	
Silver	<0.38	mg/kg	1.1	0.38	1	01/29/19 07:14	01/29/19 18:40	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.017J	mg/kg	0.039	0.012	1	02/05/19 12:50	02/07/19 09:35	7439-97-6	B
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<17.5	ug/kg	58.3	17.5	4	01/30/19 09:25	02/08/19 10:34	83-32-9	M1
Acenaphthylene	<14.9	ug/kg	49.7	14.9	4	01/30/19 09:25	02/08/19 10:34	208-96-8	M1
Anthracene	<25.8	ug/kg	85.8	25.8	4	01/30/19 09:25	02/08/19 10:34	120-12-7	M1
Benzo(a)anthracene	349	ug/kg	47.9	14.3	4	01/30/19 09:25	02/08/19 10:34	56-55-3	M1,R1
Benzo(a)pyrene	667	ug/kg	37.8	11.3	4	01/30/19 09:25	02/08/19 10:34	50-32-8	M1,R1
Benzo(b)fluoranthene	856	ug/kg	42.5	12.8	4	01/30/19 09:25	02/08/19 10:34	205-99-2	M1,R1
Benzo(g,h,i)perylene	543	ug/kg	30.6	9.2	4	01/30/19 09:25	02/08/19 10:34	191-24-2	M1,R1
Benzo(k)fluoranthene	335	ug/kg	37.8	11.3	4	01/30/19 09:25	02/08/19 10:34	207-08-9	M1,R1
Chrysene	392	ug/kg	50.6	15.2	4	01/30/19 09:25	02/08/19 10:34	218-01-9	M1,R1
Dibenz(a,h)anthracene	123	ug/kg	33.7	10.1	4	01/30/19 09:25	02/08/19 10:34	53-70-3	M1,R1
Fluoranthene	199	ug/kg	78.6	23.5	4	01/30/19 09:25	02/08/19 10:34	206-44-0	M1,R1
Fluorene	<18.7	ug/kg	62.3	18.7	4	01/30/19 09:25	02/08/19 10:34	86-73-7	M1
Indeno(1,2,3-cd)pyrene	411	ug/kg	33.1	9.9	4	01/30/19 09:25	02/08/19 10:34	193-39-5	M1,R1
1-Methylnaphthalene	<18.2	ug/kg	60.5	18.2	4	01/30/19 09:25	02/08/19 10:34	90-12-0	M1
2-Methylnaphthalene	<22.6	ug/kg	75.4	22.6	4	01/30/19 09:25	02/08/19 10:34	91-57-6	M1
Naphthalene	<38.0	ug/kg	127	38.0	4	01/30/19 09:25	02/08/19 10:34	91-20-3	M1
Phenanthrene	<52.6	ug/kg	175	52.6	4	01/30/19 09:25	02/08/19 10:34	85-01-8	M1
Pyrene	230	ug/kg	67.8	20.4	4	01/30/19 09:25	02/08/19 10:34	129-00-0	M1,R1
Surrogates									
2-Fluorobiphenyl (S)	15	%	10-115		4	01/30/19 09:25	02/08/19 10:34	321-60-8	
Terphenyl-d14 (S)	13	%	10-121		4	01/30/19 09:25	02/08/19 10:34	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	71-43-2	W
Bromobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	108-86-1	W
Bromochloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	74-97-5	W
Bromodichloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-27-4	W
Bromoform	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-25-2	W
Bromomethane	<72.1	ug/kg	258	72.1	1	01/28/19 08:15	01/29/19 17:20	74-83-9	W
n-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	104-51-8	W
sec-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	135-98-8	W
tert-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	98-06-6	W
Carbon tetrachloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-26 3-4' Lab ID: 40182481002 Collected: 01/21/19 14:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	108-90-7	W
Chloroethane	<69.1	ug/kg	258	69.1	1	01/28/19 08:15	01/29/19 17:20	75-00-3	W
Chloroform	<47.9	ug/kg	258	47.9	1	01/28/19 08:15	01/29/19 17:20	67-66-3	W
Chloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	74-87-3	W
2-Chlorotoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	95-49-8	W
4-Chlorotoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	106-43-4	W
1,2-Dibromo-3-chloropropane	<94.1	ug/kg	258	94.1	1	01/28/19 08:15	01/29/19 17:20	96-12-8	W
Dibromochloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	124-48-1	W
1,2-Dibromoethane (EDB)	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	106-93-4	W
Dibromomethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	74-95-3	W
1,2-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	95-50-1	W
1,3-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	541-73-1	W
1,4-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	106-46-7	W
Dichlorodifluoromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-71-8	W
1,1-Dichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-34-3	W
1,2-Dichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	107-06-2	W
1,1-Dichloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-35-4	W
cis-1,2-Dichloroethene	60.2J	ug/kg	69.7	29.1	1	01/28/19 08:15	01/29/19 17:20	156-59-2	
trans-1,2-Dichloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	156-60-5	W
1,2-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	78-87-5	W
1,3-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	142-28-9	W
2,2-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	594-20-7	W
1,1-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	563-58-6	W
cis-1,3-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	10061-01-5	W
trans-1,3-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	10061-02-6	W
Diisopropyl ether	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	108-20-3	W
Ethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	100-41-4	W
Hexachloro-1,3-butadiene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	87-68-3	W
Isopropylbenzene (Cumene)	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	98-82-8	W
p-Isopropyltoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	99-87-6	W
Methylene Chloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-09-2	W
Methyl-tert-butyl ether	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	1634-04-4	W
Naphthalene	<41.3	ug/kg	258	41.3	1	01/28/19 08:15	01/29/19 17:20	91-20-3	W
n-Propylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	103-65-1	W
Styrene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	79-34-5	W
Tetrachloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	127-18-4	W
Toluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	108-88-3	W
1,2,3-Trichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	87-61-6	W
1,2,4-Trichlorobenzene	<49.0	ug/kg	258	49.0	1	01/28/19 08:15	01/29/19 17:20	120-82-1	W
1,1,1-Trichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	71-55-6	W
1,1,2-Trichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	79-00-5	W
Trichloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	79-01-6	W
Trichlorofluoromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-26 3-4' **Lab ID: 40182481002** Collected: 01/21/19 14:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	96-18-4	W
1,2,4-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	108-67-8	W
Vinyl chloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	75-01-4	W
m&p-Xylene	<51.5	ug/kg	124	51.5	1	01/28/19 08:15	01/29/19 17:20	179601-23-1	W
o-Xylene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 17:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	57-148		1	01/28/19 08:15	01/29/19 17:20	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	01/28/19 08:15	01/29/19 17:20	2037-26-5	
4-Bromofluorobenzene (S)	95	%	48-130		1	01/28/19 08:15	01/29/19 17:20	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	11.3	%	0.10	0.10	1		01/31/19 11:11		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-27 1-2' Lab ID: 40182481003 Collected: 01/21/19 14:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	2.2J	mg/kg	5.0	1.1	1	01/29/19 07:14	01/29/19 18:43	7440-38-2	
Barium	11.8	mg/kg	0.50	0.15	1	01/29/19 07:14	01/29/19 18:43	7440-39-3	
Cadmium	<0.13	mg/kg	0.50	0.13	1	01/29/19 07:14	01/29/19 18:43	7440-43-9	
Chromium	2.9	mg/kg	1.0	0.28	1	01/29/19 07:14	01/29/19 18:43	7440-47-3	
Lead	8.5	mg/kg	2.0	0.60	1	01/29/19 07:14	01/29/19 18:43	7439-92-1	
Selenium	<1.3	mg/kg	4.4	1.3	1	01/29/19 07:14	01/29/19 18:43	7782-49-2	
Silver	<0.35	mg/kg	1.0	0.35	1	01/29/19 07:14	01/29/19 18:43	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.014J	mg/kg	0.033	0.0099	1	02/05/19 12:50	02/07/19 09:37	7439-97-6	B
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<20.6	ug/kg	68.6	20.6	5	01/30/19 09:25	02/08/19 10:51	83-32-9	
Acenaphthylene	<17.5	ug/kg	58.5	17.5	5	01/30/19 09:25	02/08/19 10:51	208-96-8	
Anthracene	<30.4	ug/kg	101	30.4	5	01/30/19 09:25	02/08/19 10:51	120-12-7	
Benzo(a)anthracene	525	ug/kg	56.4	16.9	5	01/30/19 09:25	02/08/19 10:51	56-55-3	
Benzo(a)pyrene	1160	ug/kg	44.5	13.4	5	01/30/19 09:25	02/08/19 10:51	50-32-8	
Benzo(b)fluoranthene	1490	ug/kg	50.1	15.0	5	01/30/19 09:25	02/08/19 10:51	205-99-2	
Benzo(g,h,i)perylene	1220	ug/kg	36.0	10.8	5	01/30/19 09:25	02/08/19 10:51	191-24-2	
Benzo(k)fluoranthene	642	ug/kg	44.5	13.3	5	01/30/19 09:25	02/08/19 10:51	207-08-9	
Chrysene	645	ug/kg	59.6	17.9	5	01/30/19 09:25	02/08/19 10:51	218-01-9	
Dibenz(a,h)anthracene	261	ug/kg	39.6	11.9	5	01/30/19 09:25	02/08/19 10:51	53-70-3	
Fluoranthene	346	ug/kg	92.6	27.7	5	01/30/19 09:25	02/08/19 10:51	206-44-0	
Fluorene	<22.0	ug/kg	73.4	22.0	5	01/30/19 09:25	02/08/19 10:51	86-73-7	
Indeno(1,2,3-cd)pyrene	906	ug/kg	39.0	11.7	5	01/30/19 09:25	02/08/19 10:51	193-39-5	
1-Methylnaphthalene	28.8J	ug/kg	71.3	21.4	5	01/30/19 09:25	02/08/19 10:51	90-12-0	
2-Methylnaphthalene	58.9J	ug/kg	88.8	26.6	5	01/30/19 09:25	02/08/19 10:51	91-57-6	
Naphthalene	<44.8	ug/kg	149	44.8	5	01/30/19 09:25	02/08/19 10:51	91-20-3	
Phenanthrene	133J	ug/kg	206	62.0	5	01/30/19 09:25	02/08/19 10:51	85-01-8	
Pyrene	396	ug/kg	79.8	24.0	5	01/30/19 09:25	02/08/19 10:51	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	68	%	10-115		5	01/30/19 09:25	02/08/19 10:51	321-60-8	
Terphenyl-d14 (S)	66	%	10-121		5	01/30/19 09:25	02/08/19 10:51	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	71-43-2	W
Bromobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	108-86-1	W
Bromochloromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	74-97-5	W
Bromodichloromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-27-4	W
Bromoform	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-25-2	W
Bromomethane	<73.6	ug/kg	263	73.6	1	01/28/19 08:15	01/29/19 17:42	74-83-9	W
n-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	104-51-8	W
sec-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	135-98-8	W
tert-Butylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	98-06-6	W
Carbon tetrachloride	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-27 1-2' Lab ID: 40182481003 Collected: 01/21/19 14:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	108-90-7	W
Chloroethane	<70.5	ug/kg	263	70.5	1	01/28/19 08:15	01/29/19 17:42	75-00-3	W
Chloroform	<48.9	ug/kg	263	48.9	1	01/28/19 08:15	01/29/19 17:42	67-66-3	W
Chloromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	74-87-3	W
2-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	95-49-8	W
4-Chlorotoluene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<96.0	ug/kg	263	96.0	1	01/28/19 08:15	01/29/19 17:42	96-12-8	W
Dibromochloromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	124-48-1	W
1,2-Dibromoethane (EDB)	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	106-93-4	W
Dibromomethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	74-95-3	W
1,2-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	95-50-1	W
1,3-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	541-73-1	W
1,4-Dichlorobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	106-46-7	W
Dichlorodifluoromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-71-8	W
1,1-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-34-3	W
1,2-Dichloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	107-06-2	W
1,1-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-35-4	W
cis-1,2-Dichloroethene	63.7J	ug/kg	67.2	28.0	1	01/28/19 08:15	01/29/19 17:42	156-59-2	
trans-1,2-Dichloroethene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	156-60-5	W
1,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	78-87-5	W
1,3-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	142-28-9	W
2,2-Dichloropropane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	594-20-7	W
1,1-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	563-58-6	W
cis-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	10061-01-5	W
trans-1,3-Dichloropropene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	10061-02-6	W
Diisopropyl ether	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	108-20-3	W
Ethylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	100-41-4	W
Hexachloro-1,3-butadiene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	87-68-3	W
Isopropylbenzene (Cumene)	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	98-82-8	W
p-Isopropyltoluene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	99-87-6	W
Methylene Chloride	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-09-2	W
Methyl-tert-butyl ether	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	1634-04-4	W
Naphthalene	<42.2	ug/kg	263	42.2	1	01/28/19 08:15	01/29/19 17:42	91-20-3	W
n-Propylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	103-65-1	W
Styrene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	100-42-5	W
1,1,1,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	79-34-5	W
Tetrachloroethene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	127-18-4	W
Toluene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	108-88-3	W
1,2,3-Trichlorobenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	87-61-6	W
1,2,4-Trichlorobenzene	<50.1	ug/kg	263	50.1	1	01/28/19 08:15	01/29/19 17:42	120-82-1	W
1,1,1-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	71-55-6	W
1,1,2-Trichloroethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	79-00-5	W
Trichloroethene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	79-01-6	W
Trichlorofluoromethane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-27 1-2' **Lab ID:** 40182481003 **Collected:** 01/21/19 14:45 **Received:** 01/25/19 09:20 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichloropropane	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	96-18-4	W
1,2,4-Trimethylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	95-63-6	W
1,3,5-Trimethylbenzene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	108-67-8	W
Vinyl chloride	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	75-01-4	W
m&p-Xylene	<52.6	ug/kg	126	52.6	1	01/28/19 08:15	01/29/19 17:42	179601-23-1	W
o-Xylene	<26.3	ug/kg	63.2	26.3	1	01/28/19 08:15	01/29/19 17:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%	57-148		1	01/28/19 08:15	01/29/19 17:42	1868-53-7	
Toluene-d8 (S)	111	%	58-142		1	01/28/19 08:15	01/29/19 17:42	2037-26-5	
4-Bromofluorobenzene (S)	89	%	48-130		1	01/28/19 08:15	01/29/19 17:42	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	6.0	%	0.10	0.10	1		01/31/19 11:11		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-27 3-4' **Lab ID: 40182481004** Collected: 01/21/19 15:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	71-43-2	W
Bromobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	108-86-1	W
Bromochloromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	74-97-5	W
Bromodichloromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-27-4	W
Bromoform	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-25-2	W
Bromomethane	<72.8	ug/kg	260	72.8	1	01/28/19 08:15	01/29/19 18:05	74-83-9	W
n-Butylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	104-51-8	W
sec-Butylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	135-98-8	W
tert-Butylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	98-06-6	W
Carbon tetrachloride	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	56-23-5	W
Chlorobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	108-90-7	W
Chloroethane	<69.8	ug/kg	260	69.8	1	01/28/19 08:15	01/29/19 18:05	75-00-3	W
Chloroform	<48.4	ug/kg	260	48.4	1	01/28/19 08:15	01/29/19 18:05	67-66-3	W
Chloromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	74-87-3	W
2-Chlorotoluene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	95-49-8	W
4-Chlorotoluene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<95.0	ug/kg	260	95.0	1	01/28/19 08:15	01/29/19 18:05	96-12-8	W
Dibromochloromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	124-48-1	W
1,2-Dibromoethane (EDB)	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	106-93-4	W
Dibromomethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	74-95-3	W
1,2-Dichlorobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	95-50-1	W
1,3-Dichlorobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	541-73-1	W
1,4-Dichlorobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	106-46-7	W
Dichlorodifluoromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-71-8	W
1,1-Dichloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-34-3	W
1,2-Dichloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	107-06-2	W
1,1-Dichloroethene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-35-4	W
cis-1,2-Dichloroethene	99.2	ug/kg	72.4	30.2	1	01/28/19 08:15	01/29/19 18:05	156-59-2	
trans-1,2-Dichloroethene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	156-60-5	W
1,2-Dichloropropane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	78-87-5	W
1,3-Dichloropropane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	142-28-9	W
2,2-Dichloropropane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	594-20-7	W
1,1-Dichloropropene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	563-58-6	W
cis-1,3-Dichloropropene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	10061-01-5	W
trans-1,3-Dichloropropene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	10061-02-6	W
Diisopropyl ether	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	108-20-3	W
Ethylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	100-41-4	W
Hexachloro-1,3-butadiene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	87-68-3	W
Isopropylbenzene (Cumene)	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	98-82-8	W
p-Isopropyltoluene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	99-87-6	W
Methylene Chloride	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-09-2	W
Methyl-tert-butyl ether	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	1634-04-4	W
Naphthalene	<41.7	ug/kg	260	41.7	1	01/28/19 08:15	01/29/19 18:05	91-20-3	W
n-Propylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	103-65-1	W
Styrene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-27 3-4' Lab ID: 40182481004 Collected: 01/21/19 15:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	79-34-5	W
Tetrachloroethene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	127-18-4	W
Toluene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	108-88-3	W
1,2,3-Trichlorobenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	87-61-6	W
1,2,4-Trichlorobenzene	<49.5	ug/kg	260	49.5	1	01/28/19 08:15	01/29/19 18:05	120-82-1	W
1,1,1-Trichloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	71-55-6	W
1,1,2-Trichloroethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	79-00-5	W
Trichloroethene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	79-01-6	W
Trichlorofluoromethane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-69-4	W
1,2,3-Trichloropropane	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	96-18-4	W
1,2,4-Trimethylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	95-63-6	W
1,3,5-Trimethylbenzene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	108-67-8	W
Vinyl chloride	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	75-01-4	W
m&p-Xylene	<52.1	ug/kg	125	52.1	1	01/28/19 08:15	01/29/19 18:05	179601-23-1	W
o-Xylene	<26.0	ug/kg	62.5	26.0	1	01/28/19 08:15	01/29/19 18:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	57-148		1	01/28/19 08:15	01/29/19 18:05	1868-53-7	
Toluene-d8 (S)	110	%	58-142		1	01/28/19 08:15	01/29/19 18:05	2037-26-5	
4-Bromofluorobenzene (S)	94	%	48-130		1	01/28/19 08:15	01/29/19 18:05	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	13.7	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-28 1-2' Lab ID: 40182481005 Collected: 01/21/19 15:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.7J	mg/kg	5.4	1.1	1	01/29/19 07:14	01/29/19 18:45	7440-38-2	
Barium	37.2	mg/kg	0.54	0.16	1	01/29/19 07:14	01/29/19 18:45	7440-39-3	
Cadmium	0.64	mg/kg	0.54	0.14	1	01/29/19 07:14	01/29/19 18:45	7440-43-9	
Chromium	81.0	mg/kg	2.2	0.60	2	01/29/19 07:14	01/30/19 13:07	7440-47-3	
Lead	27.3	mg/kg	4.3	1.3	2	01/29/19 07:14	01/30/19 13:07	7439-92-1	
Selenium	<1.4	mg/kg	4.7	1.4	1	01/29/19 07:14	01/29/19 18:45	7782-49-2	
Silver	0.57J	mg/kg	1.1	0.37	1	01/29/19 07:14	01/29/19 18:45	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.11	mg/kg	0.036	0.011	1	02/05/19 12:50	02/07/19 09:40	7439-97-6	B
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.2	ug/kg	13.9	4.2	1	01/30/19 09:25	02/07/19 17:01	83-32-9	
Acenaphthylene	<3.6	ug/kg	11.9	3.6	1	01/30/19 09:25	02/07/19 17:01	208-96-8	
Anthracene	<6.2	ug/kg	20.5	6.2	1	01/30/19 09:25	02/07/19 17:01	120-12-7	
Benzo(a)anthracene	132	ug/kg	11.5	3.4	1	01/30/19 09:25	02/07/19 17:01	56-55-3	
Benzo(a)pyrene	280	ug/kg	9.0	2.7	1	01/30/19 09:25	02/07/19 17:01	50-32-8	
Benzo(b)fluoranthene	394	ug/kg	10.2	3.1	1	01/30/19 09:25	02/07/19 17:01	205-99-2	
Benzo(g,h,i)perylene	261	ug/kg	7.3	2.2	1	01/30/19 09:25	02/07/19 17:01	191-24-2	
Benzo(k)fluoranthene	152	ug/kg	9.0	2.7	1	01/30/19 09:25	02/07/19 17:01	207-08-9	
Chrysene	157	ug/kg	12.1	3.6	1	01/30/19 09:25	02/07/19 17:01	218-01-9	
Dibenz(a,h)anthracene	61.2	ug/kg	8.0	2.4	1	01/30/19 09:25	02/07/19 17:01	53-70-3	
Fluoranthene	131	ug/kg	18.8	5.6	1	01/30/19 09:25	02/07/19 17:01	206-44-0	
Fluorene	<4.5	ug/kg	14.9	4.5	1	01/30/19 09:25	02/07/19 17:01	86-73-7	
Indeno(1,2,3-cd)pyrene	204	ug/kg	7.9	2.4	1	01/30/19 09:25	02/07/19 17:01	193-39-5	
1-Methylnaphthalene	<4.3	ug/kg	14.5	4.3	1	01/30/19 09:25	02/07/19 17:01	90-12-0	
2-Methylnaphthalene	6.7J	ug/kg	18.0	5.4	1	01/30/19 09:25	02/07/19 17:01	91-57-6	
Naphthalene	10.4J	ug/kg	30.4	9.1	1	01/30/19 09:25	02/07/19 17:01	91-20-3	
Phenanthrene	28.2J	ug/kg	41.9	12.6	1	01/30/19 09:25	02/07/19 17:01	85-01-8	
Pyrene	124	ug/kg	16.2	4.9	1	01/30/19 09:25	02/07/19 17:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	10-115		1	01/30/19 09:25	02/07/19 17:01	321-60-8	
Terphenyl-d14 (S)	57	%	10-121		1	01/30/19 09:25	02/07/19 17:01	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	71-43-2	W
Bromobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	108-86-1	W
Bromochloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	74-97-5	W
Bromodichloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-27-4	W
Bromoform	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-25-2	W
Bromomethane	<72.1	ug/kg	258	72.1	1	01/28/19 08:15	01/29/19 18:28	74-83-9	W
n-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	104-51-8	W
sec-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	135-98-8	W
tert-Butylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	98-06-6	W
Carbon tetrachloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-28 1-2' Lab ID: 40182481005 Collected: 01/21/19 15:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	108-90-7	W
Chloroethane	<69.1	ug/kg	258	69.1	1	01/28/19 08:15	01/29/19 18:28	75-00-3	W
Chloroform	<47.9	ug/kg	258	47.9	1	01/28/19 08:15	01/29/19 18:28	67-66-3	W
Chloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	74-87-3	W
2-Chlorotoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	95-49-8	W
4-Chlorotoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<94.1	ug/kg	258	94.1	1	01/28/19 08:15	01/29/19 18:28	96-12-8	W
Dibromochloromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	106-93-4	W
Dibromomethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	74-95-3	W
1,2-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	95-50-1	W
1,3-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	541-73-1	W
1,4-Dichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	106-46-7	W
Dichlorodifluoromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-71-8	W
1,1-Dichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-34-3	W
1,2-Dichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	107-06-2	W
1,1-Dichloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-35-4	W
cis-1,2-Dichloroethene	42.2J	ug/kg	66.7	27.8	1	01/28/19 08:15	01/29/19 18:28	156-59-2	
trans-1,2-Dichloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	156-60-5	W
1,2-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	78-87-5	W
1,3-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	142-28-9	W
2,2-Dichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	594-20-7	W
1,1-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	563-58-6	W
cis-1,3-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	10061-02-6	W
Diisopropyl ether	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	108-20-3	W
Ethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	98-82-8	W
p-Isopropyltoluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	99-87-6	W
Methylene Chloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-09-2	W
Methyl-tert-butyl ether	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	1634-04-4	W
Naphthalene	<41.3	ug/kg	258	41.3	1	01/28/19 08:15	01/29/19 18:28	91-20-3	W
n-Propylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	103-65-1	W
Styrene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	79-34-5	W
Tetrachloroethene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	127-18-4	W
Toluene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	87-61-6	W
1,2,4-Trichlorobenzene	<49.0	ug/kg	258	49.0	1	01/28/19 08:15	01/29/19 18:28	120-82-1	W
1,1,1-Trichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	71-55-6	W
1,1,2-Trichloroethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	79-00-5	W
Trichloroethene	98.7	ug/kg	66.7	27.8	1	01/28/19 08:15	01/29/19 18:28	79-01-6	
Trichlorofluoromethane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-28 1-2' **Lab ID: 40182481005** Collected: 01/21/19 15:15 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichloropropane	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	108-67-8	W
Vinyl chloride	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	75-01-4	W
m&p-Xylene	<51.5	ug/kg	124	51.5	1	01/28/19 08:15	01/29/19 18:28	179601-23-1	W
o-Xylene	<25.8	ug/kg	61.9	25.8	1	01/28/19 08:15	01/29/19 18:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	57-148		1	01/28/19 08:15	01/29/19 18:28	1868-53-7	
Toluene-d8 (S)	109	%	58-142		1	01/28/19 08:15	01/29/19 18:28	2037-26-5	
4-Bromofluorobenzene (S)	91	%	48-130		1	01/28/19 08:15	01/29/19 18:28	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	7.3	%	0.10	0.10	1		01/31/19 11:48		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-28 3-4' Lab ID: 40182481006 Collected: 01/21/19 15:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	71-43-2	W
Bromobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	108-86-1	W
Bromochloromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	74-97-5	W
Bromodichloromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-27-4	W
Bromoform	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-25-2	W
Bromomethane	<70.6	ug/kg	253	70.6	1	01/28/19 08:15	01/30/19 12:37	74-83-9	W
n-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	104-51-8	W
sec-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	135-98-8	W
tert-Butylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	98-06-6	W
Carbon tetrachloride	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	56-23-5	W
Chlorobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	108-90-7	W
Chloroethane	<67.7	ug/kg	253	67.7	1	01/28/19 08:15	01/30/19 12:37	75-00-3	W
Chloroform	<46.9	ug/kg	253	46.9	1	01/28/19 08:15	01/30/19 12:37	67-66-3	W
Chloromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	74-87-3	W
2-Chlorotoluene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	95-49-8	W
4-Chlorotoluene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<92.2	ug/kg	253	92.2	1	01/28/19 08:15	01/30/19 12:37	96-12-8	W
Dibromochloromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	106-93-4	W
Dibromomethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	74-95-3	W
1,2-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	95-50-1	W
1,3-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	541-73-1	W
1,4-Dichlorobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	106-46-7	W
Dichlorodifluoromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-71-8	W
1,1-Dichloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-34-3	W
1,2-Dichloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	107-06-2	W
1,1-Dichloroethene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-35-4	W
cis-1,2-Dichloroethene	57.0J	ug/kg	68.5	28.5	1	01/28/19 08:15	01/30/19 12:37	156-59-2	
trans-1,2-Dichloroethene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	156-60-5	W
1,2-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	78-87-5	W
1,3-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	142-28-9	W
2,2-Dichloropropane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	594-20-7	W
1,1-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	563-58-6	W
cis-1,3-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	10061-02-6	W
Diisopropyl ether	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	108-20-3	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	100-41-4	W
Hexachloro-1,3-butadiene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	98-82-8	W
p-Isopropyltoluene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	99-87-6	W
Methylene Chloride	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-09-2	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	1634-04-4	W
Naphthalene	<40.4	ug/kg	253	40.4	1	01/28/19 08:15	01/30/19 12:37	91-20-3	W
n-Propylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	103-65-1	W
Styrene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	100-42-5	W

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-28 3-4' **Lab ID: 40182481006** Collected: 01/21/19 15:30 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	79-34-5	W
Tetrachloroethene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	127-18-4	W
Toluene	36.1J	ug/kg	68.5	28.5	1	01/28/19 08:15	01/30/19 12:37	108-88-3	
1,2,3-Trichlorobenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	87-61-6	W
1,2,4-Trichlorobenzene	<48.0	ug/kg	253	48.0	1	01/28/19 08:15	01/30/19 12:37	120-82-1	W
1,1,1-Trichloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	71-55-6	W
1,1,2-Trichloroethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	79-00-5	W
Trichloroethene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	79-01-6	W
Trichlorofluoromethane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-69-4	W
1,2,3-Trichloropropane	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	96-18-4	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	108-67-8	W
Vinyl chloride	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	75-01-4	W
m&p-Xylene	<50.5	ug/kg	121	50.5	1	01/28/19 08:15	01/30/19 12:37	179601-23-1	W
o-Xylene	<25.3	ug/kg	60.6	25.3	1	01/28/19 08:15	01/30/19 12:37	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%	57-148		1	01/28/19 08:15	01/30/19 12:37	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	01/28/19 08:15	01/30/19 12:37	2037-26-5	
4-Bromofluorobenzene (S)	86	%	48-130		1	01/28/19 08:15	01/30/19 12:37	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	11.5	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-29 1-2' Lab ID: 40182481007 Collected: 01/21/19 15:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	48.2	mg/kg	47.8	10.0	5	01/29/19 07:14	01/30/19 13:14	7440-38-2	
Barium	184	mg/kg	0.96	0.29	1	01/29/19 07:14	01/29/19 18:48	7440-39-3	
Cadmium	<1.3	mg/kg	4.8	1.3	5	01/29/19 07:14	01/30/19 13:14	7440-43-9	D3
Chromium	1030	mg/kg	1.9	0.53	1	01/29/19 07:14	01/29/19 18:48	7440-47-3	
Lead	28.3	mg/kg	19.1	5.7	5	01/29/19 07:14	01/30/19 13:14	7439-92-1	
Selenium	15.8	mg/kg	8.3	2.5	1	01/29/19 07:14	01/29/19 18:48	7782-49-2	
Silver	2.7	mg/kg	1.9	0.66	1	01/29/19 07:14	01/29/19 18:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.47	mg/kg	0.065	0.019	1	02/05/19 12:50	02/07/19 09:42	7439-97-6	
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<7.4	ug/kg	24.7	7.4	1	01/30/19 09:25	02/07/19 14:20	83-32-9	
Acenaphthylene	<6.3	ug/kg	21.1	6.3	1	01/30/19 09:25	02/07/19 14:20	208-96-8	
Anthracene	<11.0	ug/kg	36.4	11.0	1	01/30/19 09:25	02/07/19 14:20	120-12-7	
Benzo(a)anthracene	22.1	ug/kg	20.3	6.1	1	01/30/19 09:25	02/07/19 14:20	56-55-3	
Benzo(a)pyrene	23.3	ug/kg	16.1	4.8	1	01/30/19 09:25	02/07/19 14:20	50-32-8	
Benzo(b)fluoranthene	32.3	ug/kg	18.0	5.4	1	01/30/19 09:25	02/07/19 14:20	205-99-2	
Benzo(g,h,i)perylene	14.5	ug/kg	13.0	3.9	1	01/30/19 09:25	02/07/19 14:20	191-24-2	
Benzo(k)fluoranthene	14.0J	ug/kg	16.0	4.8	1	01/30/19 09:25	02/07/19 14:20	207-08-9	
Chrysene	23.8	ug/kg	21.5	6.5	1	01/30/19 09:25	02/07/19 14:20	218-01-9	
Dibenz(a,h)anthracene	<4.3	ug/kg	14.3	4.3	1	01/30/19 09:25	02/07/19 14:20	53-70-3	
Fluoranthene	42.9	ug/kg	33.4	10	1	01/30/19 09:25	02/07/19 14:20	206-44-0	
Fluorene	<7.9	ug/kg	26.5	7.9	1	01/30/19 09:25	02/07/19 14:20	86-73-7	
Indeno(1,2,3-cd)pyrene	11.8J	ug/kg	14.1	4.2	1	01/30/19 09:25	02/07/19 14:20	193-39-5	
1-Methylnaphthalene	<7.7	ug/kg	25.7	7.7	1	01/30/19 09:25	02/07/19 14:20	90-12-0	
2-Methylnaphthalene	<9.6	ug/kg	32.0	9.6	1	01/30/19 09:25	02/07/19 14:20	91-57-6	
Naphthalene	<16.2	ug/kg	53.9	16.2	1	01/30/19 09:25	02/07/19 14:20	91-20-3	
Phenanthrene	<22.3	ug/kg	74.4	22.3	1	01/30/19 09:25	02/07/19 14:20	85-01-8	
Pyrene	37.5	ug/kg	28.8	8.7	1	01/30/19 09:25	02/07/19 14:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	40	%	10-115		1	01/30/19 09:25	02/07/19 14:20	321-60-8	
Terphenyl-d14 (S)	43	%	10-121		1	01/30/19 09:25	02/07/19 14:20	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/28/19 08:15	01/30/19 13:00	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-29 1-2' **Lab ID: 40182481007** Collected: 01/21/19 15:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	108-90-7	W
Chloroethane	192J	ug/kg	480	129	1	01/28/19 08:15	01/30/19 13:00	75-00-3	
Chloroform	<46.4	ug/kg	250	46.4	1	01/28/19 08:15	01/30/19 13:00	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/28/19 08:15	01/30/19 13:00	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	75-71-8	W
1,1-Dichloroethane	382	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	75-34-3	
1,2-Dichloroethane	4630	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	107-06-2	
1,1-Dichloroethene	144	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	75-35-4	
cis-1,2-Dichloroethene	1590	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/28/19 08:15	01/30/19 13:00	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/28/19 08:15	01/30/19 13:00	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	79-00-5	W
Trichloroethene	1260	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-29 1-2' **Lab ID: 40182481007** Collected: 01/21/19 15:45 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	108-67-8	W
Vinyl chloride	887	ug/kg	115	48.0	1	01/28/19 08:15	01/30/19 13:00	75-01-4	
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/28/19 08:15	01/30/19 13:00	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:00	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	87	%	57-148		1	01/28/19 08:15	01/30/19 13:00	1868-53-7	
Toluene-d8 (S)	88	%	58-142		1	01/28/19 08:15	01/30/19 13:00	2037-26-5	
4-Bromofluorobenzene (S)	72	%	48-130		1	01/28/19 08:15	01/30/19 13:00	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	47.9	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-29 3-4' Lab ID: 40182481008 Collected: 01/21/19 16:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	21.8	mg/kg	7.3	1.5	1	01/29/19 07:14	01/29/19 18:50	7440-38-2	
Barium	177	mg/kg	0.73	0.22	1	01/29/19 07:14	01/29/19 18:50	7440-39-3	
Cadmium	1.7	mg/kg	0.73	0.19	1	01/29/19 07:14	01/29/19 18:50	7440-43-9	
Chromium	32.3	mg/kg	2.9	0.81	2	01/29/19 07:14	01/30/19 13:17	7440-47-3	
Lead	14.7	mg/kg	5.8	1.7	2	01/29/19 07:14	01/30/19 13:17	7439-92-1	
Selenium	<1.9	mg/kg	6.4	1.9	1	01/29/19 07:14	01/29/19 18:50	7782-49-2	
Silver	0.69J	mg/kg	1.5	0.50	1	01/29/19 07:14	01/29/19 18:50	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.14	mg/kg	0.049	0.015	1	02/05/19 12:50	02/07/19 09:44	7439-97-6	B
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	13.1J	ug/kg	18.9	5.7	1	01/30/19 09:25	02/07/19 17:18	83-32-9	
Acenaphthylene	<4.8	ug/kg	16.2	4.8	1	01/30/19 09:25	02/07/19 17:18	208-96-8	
Anthracene	<8.4	ug/kg	27.9	8.4	1	01/30/19 09:25	02/07/19 17:18	120-12-7	
Benzo(a)anthracene	41.4	ug/kg	15.6	4.7	1	01/30/19 09:25	02/07/19 17:18	56-55-3	
Benzo(a)pyrene	35.7	ug/kg	12.3	3.7	1	01/30/19 09:25	02/07/19 17:18	50-32-8	
Benzo(b)fluoranthene	57.7	ug/kg	13.8	4.1	1	01/30/19 09:25	02/07/19 17:18	205-99-2	
Benzo(g,h,i)perylene	16.9	ug/kg	9.9	3.0	1	01/30/19 09:25	02/07/19 17:18	191-24-2	
Benzo(k)fluoranthene	17.4	ug/kg	12.3	3.7	1	01/30/19 09:25	02/07/19 17:18	207-08-9	
Chrysene	38.5	ug/kg	16.5	5.0	1	01/30/19 09:25	02/07/19 17:18	218-01-9	
Dibenz(a,h)anthracene	4.9J	ug/kg	10.9	3.3	1	01/30/19 09:25	02/07/19 17:18	53-70-3	
Fluoranthene	74.7	ug/kg	25.6	7.6	1	01/30/19 09:25	02/07/19 17:18	206-44-0	
Fluorene	14.9J	ug/kg	20.3	6.1	1	01/30/19 09:25	02/07/19 17:18	86-73-7	
Indeno(1,2,3-cd)pyrene	13.0	ug/kg	10.8	3.2	1	01/30/19 09:25	02/07/19 17:18	193-39-5	
1-Methylnaphthalene	59.6	ug/kg	19.7	5.9	1	01/30/19 09:25	02/07/19 17:18	90-12-0	
2-Methylnaphthalene	97.7	ug/kg	24.5	7.3	1	01/30/19 09:25	02/07/19 17:18	91-57-6	
Naphthalene	125	ug/kg	41.3	12.4	1	01/30/19 09:25	02/07/19 17:18	91-20-3	
Phenanthrene	54.0J	ug/kg	57.0	17.1	1	01/30/19 09:25	02/07/19 17:18	85-01-8	
Pyrene	72.8	ug/kg	22.0	6.6	1	01/30/19 09:25	02/07/19 17:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	64	%	10-115		1	01/30/19 09:25	02/07/19 17:18	321-60-8	
Terphenyl-d14 (S)	59	%	10-121		1	01/30/19 09:25	02/07/19 17:18	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/28/19 08:15	01/30/19 13:47	74-83-9	W
n-Butylbenzene	301	ug/kg	88.2	36.7	1	01/28/19 08:15	01/30/19 13:47	104-51-8	
sec-Butylbenzene	278	ug/kg	88.2	36.7	1	01/28/19 08:15	01/30/19 13:47	135-98-8	
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: GP-29 3-4' Lab ID: 40182481008 Collected: 01/21/19 16:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/28/19 08:15	01/30/19 13:47	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/28/19 08:15	01/30/19 13:47	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/28/19 08:15	01/30/19 13:47	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	87-68-3	W
Isopropylbenzene (Cumene)	56.9J	ug/kg	88.2	36.7	1	01/28/19 08:15	01/30/19 13:47	98-82-8	
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/28/19 08:15	01/30/19 13:47	91-20-3	W
n-Propylbenzene	136	ug/kg	88.2	36.7	1	01/28/19 08:15	01/30/19 13:47	103-65-1	
Styrene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/28/19 08:15	01/30/19 13:47	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F
Pace Project No.: 40182481

Sample: GP-29 3-4' **Lab ID: 40182481008** Collected: 01/21/19 16:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	96-18-4	W
1,2,4-Trimethylbenzene	77.2J	ug/kg	88.2	36.7	1	01/28/19 08:15	01/30/19 13:47	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/28/19 08:15	01/30/19 13:47	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/28/19 08:15	01/30/19 13:47	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	91	%	57-148		1	01/28/19 08:15	01/30/19 13:47	1868-53-7	
Toluene-d8 (S)	99	%	58-142		1	01/28/19 08:15	01/30/19 13:47	2037-26-5	
4-Bromofluorobenzene (S)	90	%	48-130		1	01/28/19 08:15	01/30/19 13:47	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	32.0	%	0.10	0.10	1		01/31/19 11:48		

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: **PZ-1 44'** Lab ID: **40182481009** Collected: 01/21/19 11:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	71-43-2	W
Bromobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	108-86-1	W
Bromochloromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	74-97-5	W
Bromodichloromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-27-4	W
Bromoform	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-25-2	W
Bromomethane	<71.3	ug/kg	255	71.3	1	01/28/19 08:15	01/30/19 13:23	74-83-9	W
n-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	104-51-8	W
sec-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	135-98-8	W
tert-Butylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	98-06-6	W
Carbon tetrachloride	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	56-23-5	W
Chlorobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	108-90-7	W
Chloroethane	<68.4	ug/kg	255	68.4	1	01/28/19 08:15	01/30/19 13:23	75-00-3	W
Chloroform	<47.4	ug/kg	255	47.4	1	01/28/19 08:15	01/30/19 13:23	67-66-3	W
Chloromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	74-87-3	W
2-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	95-49-8	W
4-Chlorotoluene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	106-43-4	W
1,2-Dibromo-3-chloropropane	<93.1	ug/kg	255	93.1	1	01/28/19 08:15	01/30/19 13:23	96-12-8	W
Dibromochloromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	124-48-1	W
1,2-Dibromoethane (EDB)	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	106-93-4	W
Dibromomethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	74-95-3	W
1,2-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	95-50-1	W
1,3-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	541-73-1	W
1,4-Dichlorobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	106-46-7	W
Dichlorodifluoromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-71-8	W
1,1-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-34-3	W
1,2-Dichloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	107-06-2	W
1,1-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-35-4	W
cis-1,2-Dichloroethene	102	ug/kg	77.4	32.2	1	01/28/19 08:15	01/30/19 13:23	156-59-2	
trans-1,2-Dichloroethene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	156-60-5	W
1,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	78-87-5	W
1,3-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	142-28-9	W
2,2-Dichloropropane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	594-20-7	W
1,1-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	563-58-6	W
cis-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	10061-01-5	W
trans-1,3-Dichloropropene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	10061-02-6	W
Diisopropyl ether	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	108-20-3	W
Ethylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	100-41-4	W
Hexachloro-1,3-butadiene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	87-68-3	W
Isopropylbenzene (Cumene)	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	98-82-8	W
p-Isopropyltoluene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	99-87-6	W
Methylene Chloride	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-09-2	W
Methyl-tert-butyl ether	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	1634-04-4	W
Naphthalene	<40.9	ug/kg	255	40.9	1	01/28/19 08:15	01/30/19 13:23	91-20-3	W
n-Propylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	103-65-1	W
Styrene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER D-F

Pace Project No.: 40182481

Sample: **PZ-1 44'** Lab ID: **40182481009** Collected: 01/21/19 11:00 Received: 01/25/19 09:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	79-34-5	W
Tetrachloroethene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	127-18-4	W
Toluene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	108-88-3	W
1,2,3-Trichlorobenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	87-61-6	W
1,2,4-Trichlorobenzene	<48.5	ug/kg	255	48.5	1	01/28/19 08:15	01/30/19 13:23	120-82-1	W
1,1,1-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	71-55-6	W
1,1,2-Trichloroethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	79-00-5	W
Trichloroethene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	79-01-6	W
Trichlorofluoromethane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	75-69-4	W
1,2,3-Trichloropropane	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	96-18-4	W
1,2,4-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	95-63-6	W
1,3,5-Trimethylbenzene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	108-67-8	W
Vinyl chloride	74.3J	ug/kg	77.4	32.2	1	01/28/19 08:15	01/30/19 13:23	75-01-4	
m&p-Xylene	<51.0	ug/kg	122	51.0	1	01/28/19 08:15	01/30/19 13:23	179601-23-1	W
o-Xylene	<25.5	ug/kg	61.2	25.5	1	01/28/19 08:15	01/30/19 13:23	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%	57-148		1	01/28/19 08:15	01/30/19 13:23	1868-53-7	
Toluene-d8 (S)	96	%	58-142		1	01/28/19 08:15	01/30/19 13:23	2037-26-5	
4-Bromofluorobenzene (S)	84	%	48-130		1	01/28/19 08:15	01/30/19 13:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.9	%	0.10	0.10	1		01/31/19 11:48		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182481

QC Batch: 312873 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

METHOD BLANK: 1822816 Matrix: Solid
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	0.016J	0.035	02/07/19 08:49	

LABORATORY CONTROL SAMPLE: 1822817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.92	111	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1822818 1822819

Parameter	Units	1822818		1822819		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40182527001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	mg/kg	0.031J	0.92	0.92	1.0	0.99	105	104	85-115	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182481

QC Batch: 312313 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

METHOD BLANK: 1821070 Matrix: Solid
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	01/29/19 17:45	
Barium	mg/kg	<0.15	0.50	01/29/19 17:45	
Cadmium	mg/kg	<0.13	0.50	01/29/19 17:45	
Chromium	mg/kg	<0.28	1.0	01/29/19 17:45	
Lead	mg/kg	<0.60	2.0	01/29/19 17:45	
Selenium	mg/kg	<1.3	4.4	01/29/19 17:45	
Silver	mg/kg	<0.34	1.0	01/29/19 17:45	

LABORATORY CONTROL SAMPLE: 1821071

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.5	95	80-120	
Barium	mg/kg	50	49.4	99	80-120	
Cadmium	mg/kg	50	50.4	101	80-120	
Chromium	mg/kg	50	48.3	97	80-120	
Lead	mg/kg	50	48.3	97	80-120	
Selenium	mg/kg	50	48.5	97	80-120	
Silver	mg/kg	25	24.1	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821072 1821073

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40182454011 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Arsenic	mg/kg	8.9	62.2	62.2	62.9	65.1	87	90	75-125	3	20	
Barium	mg/kg	166	62.2	62.2	238	250	116	135	75-125	5	20	M0
Cadmium	mg/kg	<0.17	62.2	62.2	58.9	59.6	95	96	75-125	1	20	
Chromium	mg/kg	23.8	62.2	62.2	84.1	85.5	97	99	75-125	2	20	
Lead	mg/kg	11.4	62.2	62.2	65.7	69.6	87	94	75-125	6	20	
Selenium	mg/kg	<1.6	62.2	62.2	59.1	58.6	94	93	75-125	1	20	
Silver	mg/kg	<0.43	31.1	31.1	29.0	28.9	93	93	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182481

QC Batch: 312323 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481004, 40182481005

METHOD BLANK: 1821090 Matrix: Solid
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481004, 40182481005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/28/19 14:58	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/28/19 14:58	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/28/19 14:58	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/28/19 14:58	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/28/19 14:58	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/28/19 14:58	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/28/19 14:58	
1,2,3-Trichlorobenzene	ug/kg	30.3J	50.0	01/28/19 14:58	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/28/19 14:58	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/28/19 14:58	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/28/19 14:58	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/28/19 14:58	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/28/19 14:58	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/28/19 14:58	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/28/19 14:58	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/28/19 14:58	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/28/19 14:58	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/28/19 14:58	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/28/19 14:58	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/28/19 14:58	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/28/19 14:58	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/28/19 14:58	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/28/19 14:58	
Benzene	ug/kg	<9.2	20.0	01/28/19 14:58	
Bromobenzene	ug/kg	<20.6	50.0	01/28/19 14:58	
Bromochloromethane	ug/kg	<21.4	50.0	01/28/19 14:58	
Bromodichloromethane	ug/kg	<9.8	50.0	01/28/19 14:58	
Bromoform	ug/kg	<19.8	50.0	01/28/19 14:58	
Bromomethane	ug/kg	<69.9	250	01/28/19 14:58	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/28/19 14:58	
Chlorobenzene	ug/kg	<14.8	50.0	01/28/19 14:58	
Chloroethane	ug/kg	<67.0	250	01/28/19 14:58	
Chloroform	ug/kg	<46.4	250	01/28/19 14:58	
Chloromethane	ug/kg	<20.4	50.0	01/28/19 14:58	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/28/19 14:58	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/28/19 14:58	
Dibromochloromethane	ug/kg	<17.9	50.0	01/28/19 14:58	
Dibromomethane	ug/kg	<19.3	50.0	01/28/19 14:58	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/28/19 14:58	
Diisopropyl ether	ug/kg	<17.7	50.0	01/28/19 14:58	
Ethylbenzene	ug/kg	<12.4	50.0	01/28/19 14:58	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

METHOD BLANK: 1821090

Matrix: Solid

Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481004, 40182481005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	30.2J	50.0	01/28/19 14:58	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/28/19 14:58	
m&p-Xylene	ug/kg	<34.4	100	01/28/19 14:58	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/28/19 14:58	
Methylene Chloride	ug/kg	<16.2	50.0	01/28/19 14:58	
n-Butylbenzene	ug/kg	26.9J	50.0	01/28/19 14:58	
n-Propylbenzene	ug/kg	<11.6	50.0	01/28/19 14:58	
Naphthalene	ug/kg	<40.0	250	01/28/19 14:58	
o-Xylene	ug/kg	<14.0	50.0	01/28/19 14:58	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/28/19 14:58	
sec-Butylbenzene	ug/kg	19.6J	50.0	01/28/19 14:58	
Styrene	ug/kg	<9.0	50.0	01/28/19 14:58	
tert-Butylbenzene	ug/kg	18.2J	50.0	01/28/19 14:58	
Tetrachloroethene	ug/kg	<12.9	50.0	01/28/19 14:58	
Toluene	ug/kg	<11.2	50.0	01/28/19 14:58	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/28/19 14:58	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/28/19 14:58	
Trichloroethene	ug/kg	<23.6	50.0	01/28/19 14:58	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/28/19 14:58	
Vinyl chloride	ug/kg	<21.1	50.0	01/28/19 14:58	
4-Bromofluorobenzene (S)	%	96	48-130	01/28/19 14:58	
Dibromofluoromethane (S)	%	110	57-148	01/28/19 14:58	
Toluene-d8 (S)	%	113	58-142	01/28/19 14:58	

LABORATORY CONTROL SAMPLE: 1821091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2940	118	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2910	116	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2720	109	70-130	
1,1-Dichloroethane	ug/kg	2500	2860	114	67-132	
1,1-Dichloroethene	ug/kg	2500	2230	89	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2520	101	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2660	107	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2820	113	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2490	100	70-130	
1,2-Dichloroethane	ug/kg	2500	3370	135	65-137	
1,2-Dichloropropane	ug/kg	2500	2790	112	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2390	96	70-130	
Benzene	ug/kg	2500	2860	114	70-130	
Bromodichloromethane	ug/kg	2500	2690	108	70-130	
Bromoform	ug/kg	2500	2110	85	57-117	
Bromomethane	ug/kg	2500	2320	93	48-135	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

LABORATORY CONTROL SAMPLE: 1821091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2890	115	65-133	
Chlorobenzene	ug/kg	2500	2430	97	70-130	
Chloroethane	ug/kg	2500	2780	111	37-165	
Chloroform	ug/kg	2500	2840	113	72-126	
Chloromethane	ug/kg	2500	1790	72	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2650	106	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2750	110	69-130	
Dibromochloromethane	ug/kg	2500	2570	103	68-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	22-100	
Ethylbenzene	ug/kg	2500	2580	103	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2370	95	70-130	
m&p-Xylene	ug/kg	5000	4990	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2740	110	66-129	
Methylene Chloride	ug/kg	2500	2390	96	68-129	
o-Xylene	ug/kg	2500	2470	99	70-130	
Styrene	ug/kg	2500	2490	100	70-130	
Tetrachloroethene	ug/kg	2500	2400	96	70-130	
Toluene	ug/kg	2500	2770	111	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2630	105	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2620	105	67-130	
Trichloroethene	ug/kg	2500	2770	111	70-130	
Trichlorofluoromethane	ug/kg	2500	2300	92	64-134	
Vinyl chloride	ug/kg	2500	2130	85	52-122	
4-Bromofluorobenzene (S)	%			100	48-130	
Dibromofluoromethane (S)	%			109	57-148	
Toluene-d8 (S)	%			107	58-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821092 1821093

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40182481001	Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1360	1360	1470	1610	108	118	62-130	9	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1360	1360	1480	1420	109	104	64-137	4	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1360	1360	1470	1410	108	103	70-130	4	20		
1,1-Dichloroethane	ug/kg	<25.0	1360	1360	1490	1590	110	117	65-132	6	20		
1,1-Dichloroethene	ug/kg	<25.0	1360	1360	1150	1320	84	97	50-128	14	21		
1,2,4-Trichlorobenzene	ug/kg	<47.6	1360	1360	1570	1510	115	111	51-148	4	20		
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1360	1360	1390	1470	102	108	43-134	6	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1360	1360	1470	1390	108	102	70-130	6	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1360	1360	1380	1410	102	103	70-130	2	20		
1,2-Dichloroethane	ug/kg	<25.0	1360	1360	1830	1800	134	132	65-139	1	20		
1,2-Dichloropropane	ug/kg	<25.0	1360	1360	1470	1490	108	109	74-128	1	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1360	1360	1370	1400	100	103	70-130	3	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1360	1360	1410	1400	104	102	70-130	1	20		

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

Parameter	Units	1821092		1821093		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40182481001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Benzene	ug/kg	<25.0	1360	1360	1520	1590	112	117	66-132	4	20	
Bromodichloromethane	ug/kg	<25.0	1360	1360	1480	1470	108	108	69-130	0	20	
Bromoform	ug/kg	<25.0	1360	1360	1100	1080	81	80	57-130	1	20	
Bromomethane	ug/kg	<69.9	1360	1360	1520	1650	111	121	34-145	9	20	
Carbon tetrachloride	ug/kg	<25.0	1360	1360	1460	1580	108	116	54-133	8	20	
Chlorobenzene	ug/kg	<25.0	1360	1360	1350	1380	99	101	70-130	2	20	
Chloroethane	ug/kg	<67.0	1360	1360	1450	1610	107	118	33-165	10	20	
Chloroform	ug/kg	<46.4	1360	1360	1530	1590	112	117	72-128	4	20	
Chloromethane	ug/kg	<25.0	1360	1360	1070	1100	79	81	20-120	3	20	
cis-1,2-Dichloroethene	ug/kg	35.5J	1360	1360	1460	1510	105	108	69-130	3	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1370	1340	100	98	65-130	2	20	
Dibromochloromethane	ug/kg	<25.0	1360	1360	1340	1320	98	97	65-130	1	20	
Dichlorodifluoromethane	ug/kg	<25.0	1360	1360	906	1020	67	75	10-109	12	29	
Ethylbenzene	ug/kg	<25.0	1360	1360	1350	1370	99	101	63-127	2	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1360	1360	1280	1270	94	93	66-130	0	20	
m&p-Xylene	ug/kg	<50.0	2720	2720	2640	2730	97	100	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1360	1360	1420	1430	105	105	62-135	0	20	
Methylene Chloride	ug/kg	<25.0	1360	1360	1320	1370	97	100	68-129	4	20	
o-Xylene	ug/kg	<25.0	1360	1360	1320	1320	97	97	69-130	0	20	
Styrene	ug/kg	<25.0	1360	1360	1320	1300	97	95	70-130	1	20	
Tetrachloroethene	ug/kg	<25.0	1360	1360	1240	1270	91	93	70-130	2	20	
Toluene	ug/kg	<25.0	1360	1360	1480	1520	109	111	80-123	2	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1360	1360	1350	1480	99	108	70-130	9	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1360	1360	1340	1280	98	94	67-130	4	20	
Trichloroethene	ug/kg	<25.0	1360	1360	1440	1480	106	109	70-130	3	20	
Trichlorofluoromethane	ug/kg	<25.0	1360	1360	1210	1300	89	96	41-134	7	26	
Vinyl chloride	ug/kg	<25.0	1360	1360	1180	1260	87	92	39-122	6	20	
4-Bromofluorobenzene (S)	%						103	106	48-130			
Dibromofluoromethane (S)	%						116	121	57-148			
Toluene-d8 (S)	%						112	119	58-142			

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182481

QC Batch: 312523 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40182481006, 40182481007, 40182481008, 40182481009

METHOD BLANK: 1821647 Matrix: Solid
Associated Lab Samples: 40182481006, 40182481007, 40182481008, 40182481009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/30/19 12:14	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/30/19 12:14	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/30/19 12:14	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/30/19 12:14	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/30/19 12:14	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/30/19 12:14	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/30/19 12:14	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	01/30/19 12:14	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/30/19 12:14	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/30/19 12:14	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/30/19 12:14	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/30/19 12:14	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/30/19 12:14	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/30/19 12:14	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/30/19 12:14	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/30/19 12:14	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/30/19 12:14	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/30/19 12:14	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/30/19 12:14	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/30/19 12:14	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/30/19 12:14	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/30/19 12:14	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/30/19 12:14	
Benzene	ug/kg	<9.2	20.0	01/30/19 12:14	
Bromobenzene	ug/kg	<20.6	50.0	01/30/19 12:14	
Bromochloromethane	ug/kg	<21.4	50.0	01/30/19 12:14	
Bromodichloromethane	ug/kg	<9.8	50.0	01/30/19 12:14	
Bromoform	ug/kg	<19.8	50.0	01/30/19 12:14	
Bromomethane	ug/kg	<69.9	250	01/30/19 12:14	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/30/19 12:14	
Chlorobenzene	ug/kg	<14.8	50.0	01/30/19 12:14	
Chloroethane	ug/kg	<67.0	250	01/30/19 12:14	
Chloroform	ug/kg	<46.4	250	01/30/19 12:14	
Chloromethane	ug/kg	<20.4	50.0	01/30/19 12:14	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/30/19 12:14	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/30/19 12:14	
Dibromochloromethane	ug/kg	<17.9	50.0	01/30/19 12:14	
Dibromomethane	ug/kg	<19.3	50.0	01/30/19 12:14	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/30/19 12:14	
Diisopropyl ether	ug/kg	<17.7	50.0	01/30/19 12:14	
Ethylbenzene	ug/kg	<12.4	50.0	01/30/19 12:14	

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

METHOD BLANK: 1821647

Matrix: Solid

Associated Lab Samples: 40182481006, 40182481007, 40182481008, 40182481009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	01/30/19 12:14	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/30/19 12:14	
m&p-Xylene	ug/kg	<34.4	100	01/30/19 12:14	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/30/19 12:14	
Methylene Chloride	ug/kg	<16.2	50.0	01/30/19 12:14	
n-Butylbenzene	ug/kg	<10.5	50.0	01/30/19 12:14	
n-Propylbenzene	ug/kg	<11.6	50.0	01/30/19 12:14	
Naphthalene	ug/kg	<40.0	250	01/30/19 12:14	
o-Xylene	ug/kg	<14.0	50.0	01/30/19 12:14	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/30/19 12:14	
sec-Butylbenzene	ug/kg	<11.9	50.0	01/30/19 12:14	
Styrene	ug/kg	<9.0	50.0	01/30/19 12:14	
tert-Butylbenzene	ug/kg	<9.5	50.0	01/30/19 12:14	
Tetrachloroethene	ug/kg	<12.9	50.0	01/30/19 12:14	
Toluene	ug/kg	<11.2	50.0	01/30/19 12:14	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/30/19 12:14	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/30/19 12:14	
Trichloroethene	ug/kg	<23.6	50.0	01/30/19 12:14	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/30/19 12:14	
Vinyl chloride	ug/kg	<21.1	50.0	01/30/19 12:14	
4-Bromofluorobenzene (S)	%	97	48-130	01/30/19 12:14	
Dibromofluoromethane (S)	%	101	57-148	01/30/19 12:14	
Toluene-d8 (S)	%	105	58-142	01/30/19 12:14	

LABORATORY CONTROL SAMPLE: 1821648

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2280	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2170	87	68-130	
1,1,2-Trichloroethane	ug/kg	2500	2360	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2400	96	67-132	
1,1-Dichloroethene	ug/kg	2500	2410	96	67-128	
1,2,4-Trichlorobenzene	ug/kg	2500	2770	111	51-131	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2160	86	49-117	
1,2-Dibromoethane (EDB)	ug/kg	2500	2360	95	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2530	101	70-130	
1,2-Dichloroethane	ug/kg	2500	2490	100	65-137	
1,2-Dichloropropane	ug/kg	2500	2430	97	75-126	
1,3-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2440	98	70-130	
Benzene	ug/kg	2500	2430	97	70-130	
Bromodichloromethane	ug/kg	2500	2180	87	70-130	
Bromoform	ug/kg	2500	1860	74	57-117	
Bromomethane	ug/kg	2500	2640	106	48-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

LABORATORY CONTROL SAMPLE: 1821648

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2270	91	65-133	
Chlorobenzene	ug/kg	2500	2500	100	70-130	
Chloroethane	ug/kg	2500	2420	97	37-165	
Chloroform	ug/kg	2500	2420	97	72-126	
Chloromethane	ug/kg	2500	1840	73	34-120	
cis-1,2-Dichloroethene	ug/kg	2500	2350	94	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2330	93	69-130	
Dibromochloromethane	ug/kg	2500	2280	91	68-130	
Dichlorodifluoromethane	ug/kg	2500	1150	46	22-100	
Ethylbenzene	ug/kg	2500	2440	98	79-121	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	97	70-130	
m&p-Xylene	ug/kg	5000	4880	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2310	92	66-129	
Methylene Chloride	ug/kg	2500	2490	100	68-129	
o-Xylene	ug/kg	2500	2460	99	70-130	
Styrene	ug/kg	2500	2500	100	70-130	
Tetrachloroethene	ug/kg	2500	2560	103	70-130	
Toluene	ug/kg	2500	2480	99	80-123	
trans-1,2-Dichloroethene	ug/kg	2500	2370	95	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2250	90	67-130	
Trichloroethene	ug/kg	2500	2580	103	70-130	
Trichlorofluoromethane	ug/kg	2500	2410	96	64-134	
Vinyl chloride	ug/kg	2500	2060	82	52-122	
4-Bromofluorobenzene (S)	%			87	48-130	
Dibromofluoromethane (S)	%			95	57-148	
Toluene-d8 (S)	%			96	58-142	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F
Pace Project No.: 40182481

QC Batch: 312499 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

METHOD BLANK: 1821579 Matrix: Solid
Associated Lab Samples: 40182481001, 40182481002, 40182481003, 40182481005, 40182481007, 40182481008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	01/30/19 14:12	
2-Methylnaphthalene	ug/kg	<5.0	16.7	01/30/19 14:12	
Acenaphthene	ug/kg	<3.9	12.9	01/30/19 14:12	
Acenaphthylene	ug/kg	<3.3	11.0	01/30/19 14:12	
Anthracene	ug/kg	<5.7	19.0	01/30/19 14:12	
Benzo(a)anthracene	ug/kg	<3.2	10.6	01/30/19 14:12	
Benzo(a)pyrene	ug/kg	<2.5	8.4	01/30/19 14:12	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	01/30/19 14:12	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	01/30/19 14:12	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	01/30/19 14:12	
Chrysene	ug/kg	<3.4	11.2	01/30/19 14:12	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	01/30/19 14:12	
Fluoranthene	ug/kg	<5.2	17.4	01/30/19 14:12	
Fluorene	ug/kg	<4.1	13.8	01/30/19 14:12	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	01/30/19 14:12	
Naphthalene	ug/kg	<8.4	28.1	01/30/19 14:12	
Phenanthrene	ug/kg	<11.6	38.8	01/30/19 14:12	
Pyrene	ug/kg	<4.5	15.0	01/30/19 14:12	
2-Fluorobiphenyl (S)	%	68	10-115	01/30/19 14:12	
Terphenyl-d14 (S)	%	90	10-121	01/30/19 14:12	

LABORATORY CONTROL SAMPLE: 1821580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	266	80	45-103	
2-Methylnaphthalene	ug/kg	333	261	78	43-98	
Acenaphthene	ug/kg	333	263	79	43-100	
Acenaphthylene	ug/kg	333	271	81	40-100	
Anthracene	ug/kg	333	280	84	50-113	
Benzo(a)anthracene	ug/kg	333	259	78	49-102	
Benzo(a)pyrene	ug/kg	333	283	85	51-105	
Benzo(b)fluoranthene	ug/kg	333	299	90	49-105	
Benzo(g,h,i)perylene	ug/kg	333	218	65	34-113	
Benzo(k)fluoranthene	ug/kg	333	290	87	54-110	
Chrysene	ug/kg	333	268	80	55-116	
Dibenz(a,h)anthracene	ug/kg	333	244	73	45-108	
Fluoranthene	ug/kg	333	284	85	50-118	
Fluorene	ug/kg	333	281	84	41-103	
Indeno(1,2,3-cd)pyrene	ug/kg	333	238	72	43-115	
Naphthalene	ug/kg	333	244	73	44-92	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

LABORATORY CONTROL SAMPLE: 1821580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	274	82	51-104	
Pyrene	ug/kg	333	288	86	51-106	
2-Fluorobiphenyl (S)	%			80	10-115	
Terphenyl-d14 (S)	%			85	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1821581 1821582

Parameter	Units	1821581		1821582		MS % Rec	MSD % Rec	% Rec Limits	Max		
		40182481002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result				MSD Result	RPD	RPD
1-Methylnaphthalene	ug/kg	<18.2	375	377	62.0	54.3J	17	14	21-105	30	M1
2-Methylnaphthalene	ug/kg	<22.6	375	377	65.3J	56.9J	17	15	18-103	29	M1
Acenaphthene	ug/kg	<17.5	375	377	71.8	60.8	18	15	31-100	17	28 M1
Acenaphthylene	ug/kg	<14.9	375	377	68.6	60.8	18	16	30-100	12	27 M1
Anthracene	ug/kg	<25.8	375	377	74.8J	59.9J	17	13	27-113	30	M1
Benzo(a)anthracene	ug/kg	349	375	377	392	229	11	-32	28-102	52	30 M1,R1
Benzo(a)pyrene	ug/kg	667	375	377	700	405	9	-70	27-105	53	32 M1,R1
Benzo(b)fluoranthene	ug/kg	856	375	377	863	480	2	-100	24-109	57	37 M1,R1
Benzo(g,h,i)perylene	ug/kg	543	375	377	602	361	15	-49	10-113	50	38 M1,R1
Benzo(k)fluoranthene	ug/kg	335	375	377	431	261	26	-20	35-110	49	31 M1,R1
Chrysene	ug/kg	392	375	377	509	296	31	-26	29-116	53	29 M1,R1
Dibenz(a,h)anthracene	ug/kg	123	375	377	182	126	16	1	22-108	36	32 M1,R1
Fluoranthene	ug/kg	199	375	377	274	173	20	-7	27-118	45	34 M1,R1
Fluorene	ug/kg	<18.7	375	377	70.1	58.9J	19	16	31-103	28	M1
Indeno(1,2,3-cd)pyrene	ug/kg	411	375	377	492	299	21	-30	18-115	49	33 M1,R1
Naphthalene	ug/kg	<38.0	375	377	76.0J	66.5J	17	15	34-92	31	M1
Phenanthrene	ug/kg	<52.6	375	377	103J	81.4J	18	12	28-104	32	M1
Pyrene	ug/kg	230	375	377	294	181	17	-13	13-117	48	40 M1,R1
2-Fluorobiphenyl (S)	%						16	14	10-115		
Terphenyl-d14 (S)	%						15	12	10-121		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER D-F

Pace Project No.: 40182481

QC Batch: 312636

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40182481001, 40182481002, 40182481003

SAMPLE DUPLICATE: 1821979

Parameter	Units	40182360001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	<0.10	<0.10		10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER D-F
Pace Project No.: 40182481

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER D-F
Pace Project No.: 40182481

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40182481001	GP-26 1-2'	EPA 3050	312313	EPA 6010	312453
40182481002	GP-26 3-4'	EPA 3050	312313	EPA 6010	312453
40182481003	GP-27 1-2'	EPA 3050	312313	EPA 6010	312453
40182481005	GP-28 1-2'	EPA 3050	312313	EPA 6010	312453
40182481007	GP-29 1-2'	EPA 3050	312313	EPA 6010	312453
40182481008	GP-29 3-4'	EPA 3050	312313	EPA 6010	312453
40182481001	GP-26 1-2'	EPA 7471	312873	EPA 7471	312902
40182481002	GP-26 3-4'	EPA 7471	312873	EPA 7471	312902
40182481003	GP-27 1-2'	EPA 7471	312873	EPA 7471	312902
40182481005	GP-28 1-2'	EPA 7471	312873	EPA 7471	312902
40182481007	GP-29 1-2'	EPA 7471	312873	EPA 7471	312902
40182481008	GP-29 3-4'	EPA 7471	312873	EPA 7471	312902
40182481001	GP-26 1-2'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481002	GP-26 3-4'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481003	GP-27 1-2'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481005	GP-28 1-2'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481007	GP-29 1-2'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481008	GP-29 3-4'	EPA 3546	312499	EPA 8270 by SIM	312553
40182481001	GP-26 1-2'	EPA 5035/5030B	312323	EPA 8260	312324
40182481002	GP-26 3-4'	EPA 5035/5030B	312323	EPA 8260	312324
40182481003	GP-27 1-2'	EPA 5035/5030B	312323	EPA 8260	312324
40182481004	GP-27 3-4'	EPA 5035/5030B	312323	EPA 8260	312324
40182481005	GP-28 1-2'	EPA 5035/5030B	312323	EPA 8260	312324
40182481006	GP-28 3-4'	EPA 5035/5030B	312523	EPA 8260	312525
40182481007	GP-29 1-2'	EPA 5035/5030B	312523	EPA 8260	312525
40182481008	GP-29 3-4'	EPA 5035/5030B	312523	EPA 8260	312525
40182481009	PZ-1 44'	EPA 5035/5030B	312523	EPA 8260	312525
40182481001	GP-26 1-2'	ASTM D2974-87	312636		
40182481002	GP-26 3-4'	ASTM D2974-87	312636		
40182481003	GP-27 1-2'	ASTM D2974-87	312636		
40182481004	GP-27 3-4'	ASTM D2974-87	312640		
40182481005	GP-28 1-2'	ASTM D2974-87	312640		
40182481006	GP-28 3-4'	ASTM D2974-87	312640		
40182481007	GP-29 1-2'	ASTM D2974-87	312640		
40182481008	GP-29 3-4'	ASTM D2974-87	312640		
40182481009	PZ-1 44'	ASTM D2974-87	312640		

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document Revised: 25Apr2018

Document No.:
F-GB-C-031-Rev.07

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: LF Green

WO#: **40182481**

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



BEL HERE

40182481

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR-38 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 / Corr: 3

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 1-25-19
Initials: JK

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No pg #, mail, invoice</u> <u>1-25-19 JK</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: _____

Date: 1/25/19

February 06, 2017

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: FORMER DF
Pace Project No.: 40144973

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on January 27, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska for
Steven Mleczko
steve.mleczko@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER DF

Pace Project No.: 40144973

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER DF

Pace Project No.: 40144973

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40144973001	PMW2-1	Solid	01/25/17 13:40	01/27/17 14:00
40144973002	PMW2-2	Solid	01/25/17 13:40	01/27/17 14:00
40144973003	MW16-1	Solid	01/25/17 11:00	01/27/17 14:00
40144973004	MW16-2	Solid	01/25/17 11:00	01/27/17 14:00
40144973005	PMW7	Solid	01/25/17 12:15	01/27/17 14:00
40144973006	PMW8-1	Solid	01/25/17 11:45	01/27/17 14:00
40144973007	TW-1	Solid	01/25/17 10:15	01/27/17 14:00
40144973008	MW-17-1	Solid	01/25/17 09:30	01/27/17 14:00
40144973009	MW-17-2	Solid	01/25/17 09:30	01/27/17 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER DF
Pace Project No.: 40144973

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40144973001	PMW2-1	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973002	PMW2-2	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973003	MW16-1	EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973004	MW16-2	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973005	PMW7	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973006	PMW8-1	EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973007	TW-1	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973008	MW-17-1	EPA 6010	DLB	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G
40144973009	MW-17-2	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	TEL	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW2-1 Lab ID: 40144973001 Collected: 01/25/17 13:40 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 12:53	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 12:53	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 12:53	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 12:53	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-71-8	W
1,1-Dichloroethane	1150	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	75-34-3	
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	107-06-2	W
1,1-Dichloroethene	33.0J	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	75-35-4	
cis-1,2-Dichloroethene	497	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	156-59-2	
trans-1,2-Dichloroethene	40.3J	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	156-60-5	
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 12:53	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW2-1 **Lab ID: 40144973001** Collected: 01/25/17 13:40 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	79-34-5	W
Tetrachloroethene	347	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 12:53	120-82-1	W
1,1,1-Trichloroethane	2200	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	79-00-5	W
Trichloroethene	10300	ug/kg	66.8	27.8	1	01/30/17 08:00	01/30/17 12:53	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/30/17 08:00	01/30/17 12:53	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 12:53	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	96	%	53-165		1	01/30/17 08:00	01/30/17 12:53	1868-53-7	
Toluene-d8 (S)	88	%	54-163		1	01/30/17 08:00	01/30/17 12:53	2037-26-5	
4-Bromofluorobenzene (S)	84	%	48-138		1	01/30/17 08:00	01/30/17 12:53	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	10.1	%	0.10	0.10	1		01/30/17 14:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW2-2 Lab ID: 40144973002 Collected: 01/25/17 13:40 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	71-43-2	W
Bromobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	108-86-1	W
Bromochloromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	74-97-5	W
Bromodichloromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	75-27-4	W
Bromoform	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	75-25-2	W
Bromomethane	<3500	ug/kg	12500	3500	50	01/30/17 08:00	01/31/17 09:53	74-83-9	W
n-Butylbenzene	21000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	104-51-8	
sec-Butylbenzene	10600	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	135-98-8	
tert-Butylbenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	98-06-6	W
Carbon tetrachloride	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	56-23-5	W
Chlorobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	108-90-7	W
Chloroethane	<3350	ug/kg	12500	3350	50	01/30/17 08:00	01/31/17 09:53	75-00-3	W
Chloroform	<2320	ug/kg	12500	2320	50	01/30/17 08:00	01/31/17 09:53	67-66-3	W
Chloromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	74-87-3	W
2-Chlorotoluene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	95-49-8	W
4-Chlorotoluene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	106-43-4	W
1,2-Dibromo-3-chloropropane	<4560	ug/kg	12500	4560	50	01/30/17 08:00	01/31/17 09:53	96-12-8	W
Dibromochloromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	124-48-1	W
1,2-Dibromoethane (EDB)	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	106-93-4	W
Dibromomethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	74-95-3	W
1,2-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	95-50-1	W
1,3-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	541-73-1	W
1,4-Dichlorobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	106-46-7	W
Dichlorodifluoromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	75-71-8	W
1,1-Dichloroethane	33900	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	75-34-3	
1,2-Dichloroethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	107-06-2	W
1,1-Dichloroethene	2060J	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	75-35-4	
cis-1,2-Dichloroethene	434000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	156-59-2	
trans-1,2-Dichloroethene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	156-60-5	W
1,2-Dichloropropane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	78-87-5	W
1,3-Dichloropropane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	142-28-9	W
2,2-Dichloropropane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	594-20-7	W
1,1-Dichloropropene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	563-58-6	W
cis-1,3-Dichloropropene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	10061-01-5	W
trans-1,3-Dichloropropene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	10061-02-6	W
Diisopropyl ether	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	108-20-3	W
Ethylbenzene	136000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	100-41-4	
Hexachloro-1,3-butadiene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	87-68-3	W
Isopropylbenzene (Cumene)	9960	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	98-82-8	
p-Isopropyltoluene	11000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	99-87-6	
Methylene Chloride	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	75-09-2	W
Methyl-tert-butyl ether	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	1634-04-4	W
Naphthalene	11800J	ug/kg	18600	2990	50	01/30/17 08:00	01/31/17 09:53	91-20-3	
n-Propylbenzene	22000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	103-65-1	
Styrene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW2-2 **Lab ID: 40144973002** Collected: 01/25/17 13:40 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	630-20-6	W
1,1,2,2-Tetrachloroethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	79-34-5	W
Tetrachloroethene	12900	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	127-18-4	
Toluene	203000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	108-88-3	
1,2,3-Trichlorobenzene	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	87-61-6	W
1,2,4-Trichlorobenzene	<2380	ug/kg	12500	2380	50	01/30/17 08:00	01/31/17 09:53	120-82-1	W
1,1,1-Trichloroethane	401000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	71-55-6	
1,1,2-Trichloroethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	79-00-5	W
Trichloroethene	7890	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	79-01-6	
Trichlorofluoromethane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	75-69-4	W
1,2,3-Trichloropropane	<1250	ug/kg	3000	1250	50	01/30/17 08:00	01/31/17 09:53	96-18-4	W
1,2,4-Trimethylbenzene	140000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	95-63-6	
1,3,5-Trimethylbenzene	35700	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	108-67-8	
Vinyl chloride	13200	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	75-01-4	
m&p-Xylene	650000	ug/kg	8940	3730	50	01/30/17 08:00	01/31/17 09:53	179601-23-1	
o-Xylene	213000	ug/kg	4470	1860	50	01/30/17 08:00	01/31/17 09:53	95-47-6	
Surrogates									
Dibromofluoromethane (S)	0	%	53-165		50	01/30/17 08:00	01/31/17 09:53	1868-53-7	S4
Toluene-d8 (S)	0	%	54-163		50	01/30/17 08:00	01/31/17 09:53	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	48-138		50	01/30/17 08:00	01/31/17 09:53	460-00-4	S4
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	32.9	%	0.10	0.10	1		01/30/17 14:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW16-1 Lab ID: 40144973003 Collected: 01/25/17 11:00 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	63.1	mg/kg	44.2	9.3	5	01/30/17 11:16	01/31/17 13:08	7440-38-2	
Barium	232	mg/kg	0.88	0.27	1	01/30/17 11:16	01/31/17 12:22	7440-39-3	
Cadmium	<2.4	mg/kg	8.8	2.4	10	01/30/17 11:16	01/31/17 15:39	7440-43-9	D3
Chromium	764	mg/kg	1.8	0.49	1	01/30/17 11:16	01/31/17 12:22	7440-47-3	
Lead	42.8	mg/kg	11.5	3.8	5	01/30/17 11:16	01/31/17 13:08	7439-92-1	
Selenium	16.3	mg/kg	8.8	2.0	1	01/30/17 11:16	01/31/17 12:22	7782-49-2	
Silver	1.3J	mg/kg	1.8	0.61	1	01/30/17 11:16	01/31/17 12:22	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.35	mg/kg	0.066	0.020	1	02/03/17 07:51	02/06/17 10:34	7439-97-6	
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<7.2	ug/kg	24.0	7.2	1	01/30/17 09:23	01/30/17 18:23	83-32-9	
Acenaphthylene	<6.1	ug/kg	20.5	6.1	1	01/30/17 09:23	01/30/17 18:23	208-96-8	
Anthracene	<10.6	ug/kg	35.4	10.6	1	01/30/17 09:23	01/30/17 18:23	120-12-7	
Benzo(a)anthracene	<5.9	ug/kg	19.7	5.9	1	01/30/17 09:23	01/30/17 18:23	56-55-3	
Benzo(a)pyrene	<4.7	ug/kg	15.6	4.7	1	01/30/17 09:23	01/30/17 18:23	50-32-8	
Benzo(b)fluoranthene	<5.3	ug/kg	17.5	5.3	1	01/30/17 09:23	01/30/17 18:23	205-99-2	
Benzo(g,h,i)perylene	<3.8	ug/kg	12.6	3.8	1	01/30/17 09:23	01/30/17 18:23	191-24-2	
Benzo(k)fluoranthene	<4.7	ug/kg	15.6	4.7	1	01/30/17 09:23	01/30/17 18:23	207-08-9	
Chrysene	<6.3	ug/kg	20.9	6.3	1	01/30/17 09:23	01/30/17 18:23	218-01-9	
Dibenz(a,h)anthracene	<4.2	ug/kg	13.9	4.2	1	01/30/17 09:23	01/30/17 18:23	53-70-3	
Fluoranthene	<9.7	ug/kg	32.4	9.7	1	01/30/17 09:23	01/30/17 18:23	206-44-0	
Fluorene	<7.7	ug/kg	25.7	7.7	1	01/30/17 09:23	01/30/17 18:23	86-73-7	
Indeno(1,2,3-cd)pyrene	<4.1	ug/kg	13.6	4.1	1	01/30/17 09:23	01/30/17 18:23	193-39-5	
1-Methylnaphthalene	<7.5	ug/kg	24.9	7.5	1	01/30/17 09:23	01/30/17 18:23	90-12-0	
2-Methylnaphthalene	<9.3	ug/kg	31.1	9.3	1	01/30/17 09:23	01/30/17 18:23	91-57-6	
Naphthalene	<15.7	ug/kg	52.3	15.7	1	01/30/17 09:23	01/30/17 18:23	91-20-3	
Phenanthrene	<21.7	ug/kg	72.2	21.7	1	01/30/17 09:23	01/30/17 18:23	85-01-8	
Pyrene	<8.4	ug/kg	27.9	8.4	1	01/30/17 09:23	01/30/17 18:23	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	48	%	26-130		1	01/30/17 09:23	01/30/17 18:23	321-60-8	
Terphenyl-d14 (S)	46	%	10-130		1	01/30/17 09:23	01/30/17 18:23	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 16:21	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW16-1 Lab ID: 40144973003 Collected: 01/25/17 11:00 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 16:21	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 16:21	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 16:21	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-71-8	W
1,1-Dichloroethane	308	ug/kg	112	46.5	1	01/30/17 08:00	01/30/17 16:21	75-34-3	
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 16:21	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 16:21	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW16-1 **Lab ID: 40144973003** Collected: 01/25/17 11:00 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/30/17 08:00	01/30/17 16:21	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 16:21	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	90	%	53-165		1	01/30/17 08:00	01/30/17 16:21	1868-53-7	
Toluene-d8 (S)	86	%	54-163		1	01/30/17 08:00	01/30/17 16:21	2037-26-5	
4-Bromofluorobenzene (S)	80	%	48-138		1	01/30/17 08:00	01/30/17 16:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	46.3	%	0.10	0.10	1		01/30/17 14:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW16-2 Lab ID: 40144973004 Collected: 01/25/17 11:00 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	71-43-2	W
Bromobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	108-86-1	W
Bromochloromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	74-97-5	W
Bromodichloromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-27-4	W
Bromoform	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-25-2	W
Bromomethane	<86.3	ug/kg	309	86.3	1	01/30/17 08:00	01/30/17 13:39	74-83-9	W
n-Butylbenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	104-51-8	W
sec-Butylbenzene	99.2J	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	135-98-8	
tert-Butylbenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	98-06-6	W
Carbon tetrachloride	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	56-23-5	W
Chlorobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	108-90-7	W
Chloroethane	312J	ug/kg	622	167	1	01/30/17 08:00	01/30/17 13:39	75-00-3	
Chloroform	<57.3	ug/kg	309	57.3	1	01/30/17 08:00	01/30/17 13:39	67-66-3	W
Chloromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	74-87-3	W
2-Chlorotoluene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	95-49-8	W
4-Chlorotoluene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	106-43-4	W
1,2-Dibromo-3-chloropropane	<113	ug/kg	309	113	1	01/30/17 08:00	01/30/17 13:39	96-12-8	W
Dibromochloromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	124-48-1	W
1,2-Dibromoethane (EDB)	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	106-93-4	W
Dibromomethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	74-95-3	W
1,2-Dichlorobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	95-50-1	W
1,3-Dichlorobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	541-73-1	W
1,4-Dichlorobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	106-46-7	W
Dichlorodifluoromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-71-8	W
1,1-Dichloroethane	449	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	75-34-3	
1,2-Dichloroethane	249	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	107-06-2	
1,1-Dichloroethene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-35-4	W
cis-1,2-Dichloroethene	4360	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	156-59-2	
trans-1,2-Dichloroethene	92.3J	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	156-60-5	
1,2-Dichloropropane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	78-87-5	W
1,3-Dichloropropane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	142-28-9	W
2,2-Dichloropropane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	594-20-7	W
1,1-Dichloropropene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	563-58-6	W
cis-1,3-Dichloropropene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	10061-01-5	W
trans-1,3-Dichloropropene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	10061-02-6	W
Diisopropyl ether	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	108-20-3	W
Ethylbenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	100-41-4	W
Hexachloro-1,3-butadiene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	87-68-3	W
Isopropylbenzene (Cumene)	95.1J	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	98-82-8	
p-Isopropyltoluene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	99-87-6	W
Methylene Chloride	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-09-2	W
Methyl-tert-butyl ether	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	1634-04-4	W
Naphthalene	<49.4	ug/kg	309	49.4	1	01/30/17 08:00	01/30/17 13:39	91-20-3	W
n-Propylbenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	103-65-1	W
Styrene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW16-2 **Lab ID: 40144973004** Collected: 01/25/17 11:00 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	630-20-6	W
1,1,2,2-Tetrachloroethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	79-34-5	W
Tetrachloroethene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	127-18-4	W
Toluene	184	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	108-88-3	
1,2,3-Trichlorobenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	87-61-6	W
1,2,4-Trichlorobenzene	<58.7	ug/kg	309	58.7	1	01/30/17 08:00	01/30/17 13:39	120-82-1	W
1,1,1-Trichloroethane	90.2J	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	71-55-6	
1,1,2-Trichloroethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	79-00-5	W
Trichloroethene	976	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	79-01-6	
Trichlorofluoromethane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	75-69-4	W
1,2,3-Trichloropropane	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	96-18-4	W
1,2,4-Trimethylbenzene	<30.9	ug/kg	74.1	30.9	1	01/30/17 08:00	01/30/17 13:39	95-63-6	W
1,3,5-Trimethylbenzene	115J	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	108-67-8	
Vinyl chloride	1030	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	75-01-4	
m&p-Xylene	190J	ug/kg	299	124	1	01/30/17 08:00	01/30/17 13:39	179601-23-1	
o-Xylene	230	ug/kg	149	62.2	1	01/30/17 08:00	01/30/17 13:39	95-47-6	
Surrogates									
Dibromofluoromethane (S)	88	%	53-165		1	01/30/17 08:00	01/30/17 13:39	1868-53-7	
Toluene-d8 (S)	80	%	54-163		1	01/30/17 08:00	01/30/17 13:39	2037-26-5	
4-Bromofluorobenzene (S)	73	%	48-138		1	01/30/17 08:00	01/30/17 13:39	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	50.4	%	0.10	0.10	1		01/30/17 14:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW7 Lab ID: 40144973005 Collected: 01/25/17 12:15 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	71-43-2	W
Bromobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	108-86-1	W
Bromochloromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	74-97-5	W
Bromodichloromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-27-4	W
Bromoform	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-25-2	W
Bromomethane	<280	ug/kg	1000	280	4	01/30/17 08:00	01/30/17 20:13	74-83-9	W
n-Butylbenzene	3890	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	104-51-8	
sec-Butylbenzene	1860	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	135-98-8	
tert-Butylbenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	98-06-6	W
Carbon tetrachloride	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	56-23-5	W
Chlorobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	108-90-7	W
Chloroethane	1190	ug/kg	1120	300	4	01/30/17 08:00	01/30/17 20:13	75-00-3	
Chloroform	<186	ug/kg	1000	186	4	01/30/17 08:00	01/30/17 20:13	67-66-3	W
Chloromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	74-87-3	W
2-Chlorotoluene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	95-49-8	W
4-Chlorotoluene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	106-43-4	W
1,2-Dibromo-3-chloropropane	<365	ug/kg	1000	365	4	01/30/17 08:00	01/30/17 20:13	96-12-8	W
Dibromochloromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	124-48-1	W
1,2-Dibromoethane (EDB)	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	106-93-4	W
Dibromomethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	74-95-3	W
1,2-Dichlorobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	95-50-1	W
1,3-Dichlorobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	541-73-1	W
1,4-Dichlorobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	106-46-7	W
Dichlorodifluoromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-71-8	W
1,1-Dichloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-34-3	W
1,2-Dichloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	107-06-2	W
1,1-Dichloroethene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-35-4	W
cis-1,2-Dichloroethene	115J	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	156-59-2	
trans-1,2-Dichloroethene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	156-60-5	W
1,2-Dichloropropane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	78-87-5	W
1,3-Dichloropropane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	142-28-9	W
2,2-Dichloropropane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	594-20-7	W
1,1-Dichloropropene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	563-58-6	W
cis-1,3-Dichloropropene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	10061-01-5	W
trans-1,3-Dichloropropene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	10061-02-6	W
Diisopropyl ether	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	108-20-3	W
Ethylbenzene	8660	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	100-41-4	
Hexachloro-1,3-butadiene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	87-68-3	W
Isopropylbenzene (Cumene)	1190	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	98-82-8	
p-Isopropyltoluene	3380	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	99-87-6	
Methylene Chloride	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-09-2	W
Methyl-tert-butyl ether	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	1634-04-4	W
Naphthalene	1830	ug/kg	1120	179	4	01/30/17 08:00	01/30/17 20:13	91-20-3	
n-Propylbenzene	3000	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	103-65-1	
Styrene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	100-42-5	W

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW7 **Lab ID: 40144973005** Collected: 01/25/17 12:15 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	630-20-6	W
1,1,2,2-Tetrachloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	79-34-5	W
Tetrachloroethene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	127-18-4	W
Toluene	5050	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	108-88-3	
1,2,3-Trichlorobenzene	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	87-61-6	W
1,2,4-Trichlorobenzene	<190	ug/kg	1000	190	4	01/30/17 08:00	01/30/17 20:13	120-82-1	W
1,1,1-Trichloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	71-55-6	W
1,1,2-Trichloroethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	79-00-5	W
Trichloroethene	218J	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	79-01-6	
Trichlorofluoromethane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-69-4	W
1,2,3-Trichloropropane	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	96-18-4	W
1,2,4-Trimethylbenzene	17100	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	95-63-6	
1,3,5-Trimethylbenzene	4690	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	108-67-8	
Vinyl chloride	<100	ug/kg	240	100	4	01/30/17 08:00	01/30/17 20:13	75-01-4	W
m&p-Xylene	34800	ug/kg	538	224	4	01/30/17 08:00	01/30/17 20:13	179601-23-1	
o-Xylene	12400	ug/kg	269	112	4	01/30/17 08:00	01/30/17 20:13	95-47-6	
Surrogates									
Dibromofluoromethane (S)	93	%	53-165		4	01/30/17 08:00	01/30/17 20:13	1868-53-7	
Toluene-d8 (S)	87	%	54-163		4	01/30/17 08:00	01/30/17 20:13	2037-26-5	
4-Bromofluorobenzene (S)	92	%	48-138		4	01/30/17 08:00	01/30/17 20:13	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	10.7	%	0.10	0.10	1		01/30/17 14:03		

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW8-1 Lab ID: 40144973006 Collected: 01/25/17 11:45 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.2J	mg/kg	5.6	1.2	1	01/30/17 11:16	01/31/17 12:24	7440-38-2	
Barium	24.7	mg/kg	0.56	0.17	1	01/30/17 11:16	01/31/17 12:24	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	01/30/17 11:16	01/31/17 12:24	7440-43-9	
Chromium	13.4	mg/kg	1.1	0.31	1	01/30/17 11:16	01/31/17 12:24	7440-47-3	
Lead	7.2	mg/kg	1.5	0.49	1	01/30/17 11:16	01/31/17 12:24	7439-92-1	
Selenium	<1.3	mg/kg	5.6	1.3	1	01/30/17 11:16	01/31/17 12:24	7782-49-2	
Silver	<0.39	mg/kg	1.1	0.39	1	01/30/17 11:16	01/31/17 12:24	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	<0.011	mg/kg	0.037	0.011	1	02/03/17 07:51	02/06/17 10:36	7439-97-6	
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<4.5	ug/kg	14.9	4.5	1	01/30/17 09:23	01/30/17 17:14	83-32-9	
Acenaphthylene	<3.8	ug/kg	12.7	3.8	1	01/30/17 09:23	01/30/17 17:14	208-96-8	
Anthracene	<6.6	ug/kg	21.9	6.6	1	01/30/17 09:23	01/30/17 17:14	120-12-7	
Benzo(a)anthracene	<3.7	ug/kg	12.2	3.7	1	01/30/17 09:23	01/30/17 17:14	56-55-3	
Benzo(a)pyrene	<2.9	ug/kg	9.6	2.9	1	01/30/17 09:23	01/30/17 17:14	50-32-8	
Benzo(b)fluoranthene	<3.3	ug/kg	10.8	3.3	1	01/30/17 09:23	01/30/17 17:14	205-99-2	
Benzo(g,h,i)perylene	<2.3	ug/kg	7.8	2.3	1	01/30/17 09:23	01/30/17 17:14	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	9.6	2.9	1	01/30/17 09:23	01/30/17 17:14	207-08-9	
Chrysene	<3.9	ug/kg	12.9	3.9	1	01/30/17 09:23	01/30/17 17:14	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	8.6	2.6	1	01/30/17 09:23	01/30/17 17:14	53-70-3	
Fluoranthene	<6.0	ug/kg	20.0	6.0	1	01/30/17 09:23	01/30/17 17:14	206-44-0	
Fluorene	<4.8	ug/kg	15.9	4.8	1	01/30/17 09:23	01/30/17 17:14	86-73-7	
Indeno(1,2,3-cd)pyrene	<2.5	ug/kg	8.4	2.5	1	01/30/17 09:23	01/30/17 17:14	193-39-5	
1-Methylnaphthalene	<4.6	ug/kg	15.4	4.6	1	01/30/17 09:23	01/30/17 17:14	90-12-0	
2-Methylnaphthalene	<5.8	ug/kg	19.2	5.8	1	01/30/17 09:23	01/30/17 17:14	91-57-6	
Naphthalene	<9.7	ug/kg	32.4	9.7	1	01/30/17 09:23	01/30/17 17:14	91-20-3	
Phenanthrene	<13.4	ug/kg	44.7	13.4	1	01/30/17 09:23	01/30/17 17:14	85-01-8	
Pyrene	<5.2	ug/kg	17.3	5.2	1	01/30/17 09:23	01/30/17 17:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	26-130		1	01/30/17 09:23	01/30/17 17:14	321-60-8	
Terphenyl-d14 (S)	82	%	10-130		1	01/30/17 09:23	01/30/17 17:14	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 14:02	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	56-23-5	W

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW8-1 **Lab ID: 40144973006** Collected: 01/25/17 11:45 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 14:02	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 14:02	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 14:02	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-35-4	W
cis-1,2-Dichloroethene	62.1J	ug/kg	69.1	28.8	1	01/30/17 08:00	01/30/17 14:02	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 14:02	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 14:02	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	79-00-5	W
Trichloroethene	63.9J	ug/kg	69.1	28.8	1	01/30/17 08:00	01/30/17 14:02	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: PMW8-1 **Lab ID: 40144973006** Collected: 01/25/17 11:45 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/30/17 08:00	01/30/17 14:02	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:02	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	87	%	53-165		1	01/30/17 08:00	01/30/17 14:02	1868-53-7	
Toluene-d8 (S)	84	%	54-163		1	01/30/17 08:00	01/30/17 14:02	2037-26-5	
4-Bromofluorobenzene (S)	82	%	48-138		1	01/30/17 08:00	01/30/17 14:02	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.1	%	0.10	0.10	1		01/30/17 14:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: TW-1 Lab ID: 40144973007 Collected: 01/25/17 10:15 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 14:26	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 14:26	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 14:26	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 14:26	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-71-8	W
1,1-Dichloroethane	133	ug/kg	107	44.5	1	01/30/17 08:00	01/30/17 14:26	75-34-3	
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-35-4	W
cis-1,2-Dichloroethene	2420	ug/kg	107	44.5	1	01/30/17 08:00	01/30/17 14:26	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 14:26	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: TW-1 **Lab ID: 40144973007** Collected: 01/25/17 10:15 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 14:26	120-82-1	W
1,1,1-Trichloroethane	271	ug/kg	107	44.5	1	01/30/17 08:00	01/30/17 14:26	71-55-6	
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	79-00-5	W
Trichloroethene	151	ug/kg	107	44.5	1	01/30/17 08:00	01/30/17 14:26	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/30/17 08:00	01/30/17 14:26	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:26	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	92	%	53-165		1	01/30/17 08:00	01/30/17 14:26	1868-53-7	
Toluene-d8 (S)	90	%	54-163		1	01/30/17 08:00	01/30/17 14:26	2037-26-5	
4-Bromofluorobenzene (S)	87	%	48-138		1	01/30/17 08:00	01/30/17 14:26	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	43.8	%	0.10	0.10	1		01/30/17 14:03		

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW-17-1 Lab ID: 40144973008 Collected: 01/25/17 09:30 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.1J	mg/kg	5.4	1.1	1	01/30/17 11:16	01/31/17 12:15	7440-38-2	
Barium	12.1	mg/kg	0.54	0.16	1	01/30/17 11:16	01/31/17 12:15	7440-39-3	
Cadmium	<0.14	mg/kg	0.54	0.14	1	01/30/17 11:16	01/31/17 12:15	7440-43-9	
Chromium	24.3	mg/kg	1.1	0.30	1	01/30/17 11:16	01/31/17 12:15	7440-47-3	
Lead	16.5	mg/kg	1.4	0.47	1	01/30/17 11:16	01/31/17 12:15	7439-92-1	
Selenium	<1.2	mg/kg	5.4	1.2	1	01/30/17 11:16	01/31/17 12:15	7782-49-2	
Silver	<0.37	mg/kg	1.1	0.37	1	01/30/17 11:16	01/31/17 12:15	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.014J	mg/kg	0.038	0.011	1	02/03/17 07:51	02/06/17 10:39	7439-97-6	
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546									
Acenaphthene	<21.1	ug/kg	70.1	21.1	5	01/30/17 09:23	02/01/17 19:37	83-32-9	
Acenaphthylene	<17.9	ug/kg	59.8	17.9	5	01/30/17 09:23	02/01/17 19:37	208-96-8	
Anthracene	<31.0	ug/kg	103	31.0	5	01/30/17 09:23	02/01/17 19:37	120-12-7	
Benzo(a)anthracene	423	ug/kg	57.6	17.2	5	01/30/17 09:23	02/01/17 19:37	56-55-3	
Benzo(a)pyrene	858	ug/kg	45.5	13.7	5	01/30/17 09:23	02/01/17 19:37	50-32-8	
Benzo(b)fluoranthene	1240	ug/kg	51.1	15.3	5	01/30/17 09:23	02/01/17 19:37	205-99-2	
Benzo(g,h,i)perylene	844	ug/kg	36.8	11.0	5	01/30/17 09:23	02/01/17 19:37	191-24-2	
Benzo(k)fluoranthene	428	ug/kg	45.4	13.6	5	01/30/17 09:23	02/01/17 19:37	207-08-9	
Chrysene	548	ug/kg	60.9	18.3	5	01/30/17 09:23	02/01/17 19:37	218-01-9	
Dibenz(a,h)anthracene	192	ug/kg	40.5	12.2	5	01/30/17 09:23	02/01/17 19:37	53-70-3	
Fluoranthene	301	ug/kg	94.6	28.3	5	01/30/17 09:23	02/01/17 19:37	206-44-0	
Fluorene	<22.5	ug/kg	75.0	22.5	5	01/30/17 09:23	02/01/17 19:37	86-73-7	
Indeno(1,2,3-cd)pyrene	652	ug/kg	39.8	11.9	5	01/30/17 09:23	02/01/17 19:37	193-39-5	
1-Methylnaphthalene	<21.9	ug/kg	72.8	21.9	5	01/30/17 09:23	02/01/17 19:37	90-12-0	
2-Methylnaphthalene	<27.2	ug/kg	90.7	27.2	5	01/30/17 09:23	02/01/17 19:37	91-57-6	
Naphthalene	<45.8	ug/kg	153	45.8	5	01/30/17 09:23	02/01/17 19:37	91-20-3	
Phenanthrene	76.9J	ug/kg	211	63.3	5	01/30/17 09:23	02/01/17 19:37	85-01-8	
Pyrene	329	ug/kg	81.5	24.5	5	01/30/17 09:23	02/01/17 19:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	26-130		5	01/30/17 09:23	02/01/17 19:37	321-60-8	
Terphenyl-d14 (S)	43	%	10-130		5	01/30/17 09:23	02/01/17 19:37	1718-51-0	
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 14:49	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	56-23-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW-17-1 Lab ID: 40144973008 Collected: 01/25/17 09:30 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 14:49	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 14:49	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 14:49	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 14:49	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	100-42-5	W
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 14:49	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-69-4	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF

Pace Project No.: 40144973

Sample: MW-17-1 **Lab ID: 40144973008** Collected: 01/25/17 09:30 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	01/30/17 08:00	01/30/17 14:49	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 14:49	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%	53-165		1	01/30/17 08:00	01/30/17 14:49	1868-53-7	
Toluene-d8 (S)	86	%	54-163		1	01/30/17 08:00	01/30/17 14:49	2037-26-5	
4-Bromofluorobenzene (S)	86	%	48-138		1	01/30/17 08:00	01/30/17 14:49	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	8.0	%	0.10	0.10	1		01/30/17 14:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW-17-2 Lab ID: 40144973009 Collected: 01/25/17 09:30 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	01/30/17 08:00	01/30/17 15:12	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	01/30/17 08:00	01/30/17 15:12	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	01/30/17 08:00	01/30/17 15:12	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	01/30/17 08:00	01/30/17 15:12	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	87-68-3	W
Isopropylbenzene (Cumene)	36.0J	ug/kg	81.1	33.8	1	01/30/17 08:00	01/30/17 15:12	98-82-8	
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	01/30/17 08:00	01/30/17 15:12	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER DF
Pace Project No.: 40144973

Sample: MW-17-2 **Lab ID: 40144973009** Collected: 01/25/17 09:30 Received: 01/27/17 14:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	01/30/17 08:00	01/30/17 15:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	96-18-4	W
1,2,4-Trimethylbenzene	37.7J	ug/kg	81.1	33.8	1	01/30/17 08:00	01/30/17 15:12	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	75-01-4	W
m&p-Xylene	106J	ug/kg	162	67.6	1	01/30/17 08:00	01/30/17 15:12	179601-23-1	
o-Xylene	<25.0	ug/kg	60.0	25.0	1	01/30/17 08:00	01/30/17 15:12	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	84	%	53-165		1	01/30/17 08:00	01/30/17 15:12	1868-53-7	
Toluene-d8 (S)	82	%	54-163		1	01/30/17 08:00	01/30/17 15:12	2037-26-5	
4-Bromofluorobenzene (S)	80	%	48-138		1	01/30/17 08:00	01/30/17 15:12	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	26.0	%	0.10	0.10	1		01/30/17 14:03		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

QC Batch: 247545 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 40144973003, 40144973006, 40144973008

METHOD BLANK: 1462572 Matrix: Solid
Associated Lab Samples: 40144973003, 40144973006, 40144973008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.011	0.037	02/06/17 09:43	

LABORATORY CONTROL SAMPLE: 1462573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.83	0.84	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1462574 1462575

Parameter	Units	40145091013		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Mercury	mg/kg	0.048	.97	.97	1.1	1.1	104	104	85-115	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

QC Batch: 247307 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 40144973003, 40144973006, 40144973008

METHOD BLANK: 1461583 Matrix: Solid
Associated Lab Samples: 40144973003, 40144973006, 40144973008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.0	5.0	01/31/17 12:10	
Barium	mg/kg	<0.15	0.50	01/31/17 12:10	
Cadmium	mg/kg	<0.13	0.50	01/31/17 12:10	
Chromium	mg/kg	<0.28	1.0	01/31/17 12:10	
Lead	mg/kg	<0.43	1.3	01/31/17 12:10	
Selenium	mg/kg	<1.1	5.0	01/31/17 12:10	
Silver	mg/kg	<0.34	1.0	01/31/17 12:10	

LABORATORY CONTROL SAMPLE: 1461584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.4	97	80-120	
Barium	mg/kg	50	48.7	97	80-120	
Cadmium	mg/kg	50	48.8	98	80-120	
Chromium	mg/kg	50	49.7	99	80-120	
Lead	mg/kg	50	49.0	98	80-120	
Selenium	mg/kg	50	48.9	98	80-120	
Silver	mg/kg	25	25.2	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1461585 1461586

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40144973008 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	5.1J	54.3	54.2	54.9	55.7	92	93	75-125	2	20
Barium	mg/kg	12.1	54.3	54.2	64.8	66.8	97	101	75-125	3	20
Cadmium	mg/kg	<0.14	54.3	54.2	52.7	52.8	97	97	75-125	0	20
Chromium	mg/kg	24.3	54.3	54.2	66.3	70.2	77	85	75-125	6	20
Lead	mg/kg	16.5	54.3	54.2	68.1	65.6	95	91	75-125	4	20
Selenium	mg/kg	<1.2	54.3	54.2	52.8	53.3	97	98	75-125	1	20
Silver	mg/kg	<0.37	27.2	27.2	27.3	27.4	100	101	75-125	1	20

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

QC Batch: 247295 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40144973001, 40144973002, 40144973003, 40144973004, 40144973005, 40144973006, 40144973007, 40144973008, 40144973009

METHOD BLANK: 1461556 Matrix: Solid
Associated Lab Samples: 40144973001, 40144973002, 40144973003, 40144973004, 40144973005, 40144973006, 40144973007, 40144973008, 40144973009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	01/30/17 10:34	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	01/30/17 10:34	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	01/30/17 10:34	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	01/30/17 10:34	
1,1-Dichloroethane	ug/kg	<17.6	50.0	01/30/17 10:34	
1,1-Dichloroethene	ug/kg	<17.6	50.0	01/30/17 10:34	
1,1-Dichloropropene	ug/kg	<14.0	50.0	01/30/17 10:34	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	01/30/17 10:34	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	01/30/17 10:34	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	01/30/17 10:34	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	01/30/17 10:34	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	01/30/17 10:34	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	01/30/17 10:34	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	01/30/17 10:34	
1,2-Dichloroethane	ug/kg	<15.0	50.0	01/30/17 10:34	
1,2-Dichloropropane	ug/kg	<16.8	50.0	01/30/17 10:34	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	01/30/17 10:34	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	01/30/17 10:34	
1,3-Dichloropropane	ug/kg	<12.0	50.0	01/30/17 10:34	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	01/30/17 10:34	
2,2-Dichloropropane	ug/kg	<12.6	50.0	01/30/17 10:34	
2-Chlorotoluene	ug/kg	<15.8	50.0	01/30/17 10:34	
4-Chlorotoluene	ug/kg	<13.0	50.0	01/30/17 10:34	
Benzene	ug/kg	<9.2	20.0	01/30/17 10:34	
Bromobenzene	ug/kg	<20.6	50.0	01/30/17 10:34	
Bromochloromethane	ug/kg	<21.4	50.0	01/30/17 10:34	
Bromodichloromethane	ug/kg	<9.8	50.0	01/30/17 10:34	
Bromoform	ug/kg	<19.8	50.0	01/30/17 10:34	
Bromomethane	ug/kg	<69.9	250	01/30/17 10:34	
Carbon tetrachloride	ug/kg	<12.1	50.0	01/30/17 10:34	
Chlorobenzene	ug/kg	<14.8	50.0	01/30/17 10:34	
Chloroethane	ug/kg	<67.0	250	01/30/17 10:34	
Chloroform	ug/kg	<46.4	250	01/30/17 10:34	
Chloromethane	ug/kg	<20.4	50.0	01/30/17 10:34	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	01/30/17 10:34	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	01/30/17 10:34	
Dibromochloromethane	ug/kg	<17.9	50.0	01/30/17 10:34	
Dibromomethane	ug/kg	<19.3	50.0	01/30/17 10:34	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	01/30/17 10:34	
Diisopropyl ether	ug/kg	<17.7	50.0	01/30/17 10:34	

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QUALITY CONTROL DATA

Project: FORMER DF

Pace Project No.: 40144973

METHOD BLANK: 1461556

Matrix: Solid

Associated Lab Samples: 40144973001, 40144973002, 40144973003, 40144973004, 40144973005, 40144973006, 40144973007, 40144973008, 40144973009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	01/30/17 10:34	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	01/30/17 10:34	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	01/30/17 10:34	
m&p-Xylene	ug/kg	<34.4	100	01/30/17 10:34	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	01/30/17 10:34	
Methylene Chloride	ug/kg	<16.2	50.0	01/30/17 10:34	
n-Butylbenzene	ug/kg	<10.5	50.0	01/30/17 10:34	
n-Propylbenzene	ug/kg	<11.6	50.0	01/30/17 10:34	
Naphthalene	ug/kg	<40.0	250	01/30/17 10:34	
o-Xylene	ug/kg	<14.0	50.0	01/30/17 10:34	
p-Isopropyltoluene	ug/kg	<12.0	50.0	01/30/17 10:34	
sec-Butylbenzene	ug/kg	<11.9	50.0	01/30/17 10:34	
Styrene	ug/kg	<9.0	50.0	01/30/17 10:34	
tert-Butylbenzene	ug/kg	<9.5	50.0	01/30/17 10:34	
Tetrachloroethene	ug/kg	<12.9	50.0	01/30/17 10:34	
Toluene	ug/kg	<11.2	50.0	01/30/17 10:34	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	01/30/17 10:34	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	01/30/17 10:34	
Trichloroethene	ug/kg	<23.6	50.0	01/30/17 10:34	
Trichlorofluoromethane	ug/kg	<24.7	50.0	01/30/17 10:34	
Vinyl chloride	ug/kg	<21.1	50.0	01/30/17 10:34	
4-Bromofluorobenzene (S)	%	87	48-138	01/30/17 10:34	
Dibromofluoromethane (S)	%	93	53-165	01/30/17 10:34	
Toluene-d8 (S)	%	88	54-163	01/30/17 10:34	

LABORATORY CONTROL SAMPLE: 1461557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2250	90	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2420	97	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2460	98	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	70-133	
1,1-Dichloroethene	ug/kg	2500	2060	82	70-130	
1,2,4-Trichlorobenzene	ug/kg	2500	2520	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2030	81	50-150	
1,2-Dibromoethane (EDB)	ug/kg	2500	2600	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2710	108	70-130	
1,2-Dichloroethane	ug/kg	2500	2500	100	70-138	
1,2-Dichloropropane	ug/kg	2500	2660	106	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2650	106	70-130	
Benzene	ug/kg	2500	2440	98	70-130	
Bromodichloromethane	ug/kg	2500	2240	90	70-130	

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

LABORATORY CONTROL SAMPLE: 1461557

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2620	105	68-130	
Bromomethane	ug/kg	2500	1880	75	25-163	
Carbon tetrachloride	ug/kg	2500	2230	89	70-130	
Chlorobenzene	ug/kg	2500	2700	108	70-130	
Chloroethane	ug/kg	2500	2040	81	34-151	
Chloroform	ug/kg	2500	2370	95	70-130	
Chloromethane	ug/kg	2500	2270	91	52-130	
cis-1,2-Dichloroethene	ug/kg	2500	2390	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2340	94	70-130	
Dibromochloromethane	ug/kg	2500	2470	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1140	46	27-150	
Ethylbenzene	ug/kg	2500	2510	100	70-130	
Isopropylbenzene (Cumene)	ug/kg	2500	2480	99	70-130	
m&p-Xylene	ug/kg	5000	4950	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2380	95	70-130	
Methylene Chloride	ug/kg	2500	2220	89	70-131	
o-Xylene	ug/kg	2500	2550	102	70-130	
Styrene	ug/kg	2500	2610	104	70-130	
Tetrachloroethene	ug/kg	2500	2510	101	70-130	
Toluene	ug/kg	2500	2520	101	70-130	
trans-1,2-Dichloroethene	ug/kg	2500	2300	92	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Trichloroethene	ug/kg	2500	2390	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2090	84	50-150	
Vinyl chloride	ug/kg	2500	2220	89	57-130	
4-Bromofluorobenzene (S)	%			96	48-138	
Dibromofluoromethane (S)	%			104	53-165	
Toluene-d8 (S)	%			96	54-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1461558 1461559

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40144973001 Result	Spike Conc.	Spike Conc.	Result							
1,1,1-Trichloroethane	ug/kg	2200	1390	1390	3520	3380	95	85	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1390	1390	1370	1360	99	98	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1390	1390	1400	1420	101	102	70-130	2	20	
1,1-Dichloroethane	ug/kg	1150	1390	1390	2620	2570	106	102	64-133	2	20	
1,1-Dichloroethene	ug/kg	33.0J	1390	1390	1070	1070	75	74	56-130	0	24	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1390	1390	1480	1530	107	110	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1390	1390	1070	1080	77	77	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1390	1390	1420	1450	102	104	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1390	1390	1600	1550	115	112	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1390	1390	1380	1420	99	102	70-138	3	20	
1,2-Dichloropropane	ug/kg	<25.0	1390	1390	1490	1490	107	107	70-130	0	20	

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

Parameter	Units	40144973001		MSD		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec								
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1461558 1461559																
1,3-Dichlorobenzene	ug/kg	<25.0	1390	1390	1550	1550	111	111	70-130	0	20					
1,4-Dichlorobenzene	ug/kg	<25.0	1390	1390	1560	1550	112	112	70-130	0	20					
Benzene	ug/kg	<25.0	1390	1390	1360	1300	97	93	70-130	4	20					
Bromodichloromethane	ug/kg	<25.0	1390	1390	1250	1230	90	88	70-130	2	20					
Bromoform	ug/kg	<25.0	1390	1390	1320	1350	95	97	65-130	2	20					
Bromomethane	ug/kg	<69.9	1390	1390	1100	1050	79	76	11-163	4	21					
Carbon tetrachloride	ug/kg	<25.0	1390	1390	1170	1100	84	79	70-130	7	20					
Chlorobenzene	ug/kg	<25.0	1390	1390	1490	1530	107	110	70-130	2	20					
Chloroethane	ug/kg	<67.0	1390	1390	1140	1120	82	80	17-151	2	20					
Chloroform	ug/kg	<46.4	1390	1390	1320	1280	95	92	70-130	3	20					
Chloromethane	ug/kg	<25.0	1390	1390	1240	1230	89	89	13-130	1	20					
cis-1,2-Dichloroethene	ug/kg	497	1390	1390	1850	1840	98	96	70-130	1	20					
cis-1,3-Dichloropropene	ug/kg	<25.0	1390	1390	1280	1260	92	90	70-130	2	20					
Dibromochloromethane	ug/kg	<25.0	1390	1390	1320	1330	95	96	70-130	1	20					
Dichlorodifluoromethane	ug/kg	<25.0	1390	1390	463	436	33	31	10-150	6	21					
Ethylbenzene	ug/kg	<25.0	1390	1390	1360	1330	98	95	70-130	3	20					
Isopropylbenzene (Cumene)	ug/kg	<25.0	1390	1390	1370	1320	98	94	70-130	3	20					
m&p-Xylene	ug/kg	<50.0	2780	2780	2800	2670	100	95	70-130	5	20					
Methyl-tert-butyl ether	ug/kg	<25.0	1390	1390	1320	1330	95	96	70-130	1	20					
Methylene Chloride	ug/kg	<25.0	1390	1390	1300	1200	93	87	70-131	7	20					
o-Xylene	ug/kg	<25.0	1390	1390	1410	1400	101	100	70-130	1	20					
Styrene	ug/kg	<25.0	1390	1390	1440	1430	103	103	70-130	1	20					
Tetrachloroethene	ug/kg	347	1390	1390	1730	1660	99	94	70-130	4	20					
Toluene	ug/kg	<25.0	1390	1390	1380	1370	99	98	70-130	1	20					
trans-1,2-Dichloroethene	ug/kg	40.3J	1390	1390	1300	1260	91	88	70-130	3	20					
trans-1,3-Dichloropropene	ug/kg	<25.0	1390	1390	1260	1290	91	92	70-130	2	20					
Trichloroethene	ug/kg	10300	1390	1390	11900	11600	120	96	70-130	3	20 E					
Trichlorofluoromethane	ug/kg	<25.0	1390	1390	966	962	69	69	40-150	0	31					
Vinyl chloride	ug/kg	<25.0	1390	1390	1160	1080	83	77	26-130	7	20					
4-Bromofluorobenzene (S)	%						90	89	48-138							
Dibromofluoromethane (S)	%						98	98	53-165							
Toluene-d8 (S)	%						91	90	54-163							

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

QC Batch: 247282 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 40144973003, 40144973006, 40144973008

METHOD BLANK: 1461502 Matrix: Solid
Associated Lab Samples: 40144973003, 40144973006, 40144973008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<4.0	13.4	01/30/17 11:30	
2-Methylnaphthalene	ug/kg	<5.0	16.7	01/30/17 11:30	
Acenaphthene	ug/kg	<3.9	12.9	01/30/17 11:30	
Acenaphthylene	ug/kg	<3.3	11.0	01/30/17 11:30	
Anthracene	ug/kg	<5.7	19.0	01/30/17 11:30	
Benzo(a)anthracene	ug/kg	<3.2	10.6	01/30/17 11:30	
Benzo(a)pyrene	ug/kg	<2.5	8.4	01/30/17 11:30	
Benzo(b)fluoranthene	ug/kg	<2.8	9.4	01/30/17 11:30	
Benzo(g,h,i)perylene	ug/kg	<2.0	6.8	01/30/17 11:30	
Benzo(k)fluoranthene	ug/kg	<2.5	8.4	01/30/17 11:30	
Chrysene	ug/kg	<3.4	11.2	01/30/17 11:30	
Dibenz(a,h)anthracene	ug/kg	<2.2	7.4	01/30/17 11:30	
Fluoranthene	ug/kg	<5.2	17.4	01/30/17 11:30	
Fluorene	ug/kg	<4.1	13.8	01/30/17 11:30	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.2	7.3	01/30/17 11:30	
Naphthalene	ug/kg	<8.4	28.1	01/30/17 11:30	
Phenanthrene	ug/kg	<11.6	38.8	01/30/17 11:30	
Pyrene	ug/kg	<4.5	15.0	01/30/17 11:30	
2-Fluorobiphenyl (S)	%	72	26-130	01/30/17 11:30	
Terphenyl-d14 (S)	%	99	10-130	01/30/17 11:30	

LABORATORY CONTROL SAMPLE: 1461503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	263	79	48-130	
2-Methylnaphthalene	ug/kg	333	262	79	49-130	
Acenaphthene	ug/kg	333	273	82	54-130	
Acenaphthylene	ug/kg	333	281	84	56-130	
Anthracene	ug/kg	333	293	88	70-130	
Benzo(a)anthracene	ug/kg	333	274	82	58-130	
Benzo(a)pyrene	ug/kg	333	293	88	58-130	
Benzo(b)fluoranthene	ug/kg	333	290	87	50-130	
Benzo(g,h,i)perylene	ug/kg	333	304	91	39-130	
Benzo(k)fluoranthene	ug/kg	333	296	89	57-130	
Chrysene	ug/kg	333	319	96	64-130	
Dibenz(a,h)anthracene	ug/kg	333	290	87	44-130	
Fluoranthene	ug/kg	333	282	85	59-130	
Fluorene	ug/kg	333	268	80	56-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	304	91	45-130	
Naphthalene	ug/kg	333	237	71	46-130	

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QUALITY CONTROL DATA

Project: FORMER DF
Pace Project No.: 40144973

LABORATORY CONTROL SAMPLE: 1461503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	333	280	84	56-130	
Pyrene	ug/kg	333	296	89	59-130	
2-Fluorobiphenyl (S)	%			80	26-130	
Terphenyl-d14 (S)	%			85	10-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1461504 1461505

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40144926008 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/kg	<5.2	427	427	284	298	67	70	41-130	5	24	
2-Methylnaphthalene	ug/kg	<6.4	427	427	293	333	69	78	42-130	13	25	
Acenaphthene	ug/kg	<5.0	427	427	320	292	75	68	49-130	9	27	
Acenaphthylene	ug/kg	<4.2	427	427	331	298	78	70	52-130	10	26	
Anthracene	ug/kg	<7.3	427	427	345	308	81	72	61-130	11	29	
Benzo(a)anthracene	ug/kg	<4.1	427	427	327	304	76	71	45-130	7	28	
Benzo(a)pyrene	ug/kg	<3.2	427	427	353	330	83	77	39-130	7	34	
Benzo(b)fluoranthene	ug/kg	<3.6	427	427	355	315	83	73	30-130	12	43	
Benzo(g,h,i)perylene	ug/kg	<2.6	427	427	329	310	77	73	24-130	6	34	
Benzo(k)fluoranthene	ug/kg	<3.2	427	427	357	323	84	76	41-130	10	32	
Chrysene	ug/kg	<4.3	427	427	380	353	89	82	46-130	7	37	
Dibenz(a,h)anthracene	ug/kg	<2.9	427	427	330	304	77	71	33-130	8	34	
Fluoranthene	ug/kg	<6.7	427	427	337	310	78	72	41-130	8	25	
Fluorene	ug/kg	<5.3	427	427	317	293	74	69	49-130	8	30	
Indeno(1,2,3-cd)pyrene	ug/kg	<2.8	427	427	337	303	79	71	30-130	11	28	
Naphthalene	ug/kg	<10.8	427	427	285	256	67	60	39-130	11	26	
Phenanthrene	ug/kg	<14.9	427	427	330	312	77	73	47-130	6	26	
Pyrene	ug/kg	<5.8	427	427	352	321	82	74	37-130	9	30	
2-Fluorobiphenyl (S)	%						69	56	26-130			
Terphenyl-d14 (S)	%						78	71	10-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER DF

Pace Project No.: 40144973

QC Batch:	247337	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40144973001, 40144973002, 40144973003, 40144973004, 40144973005, 40144973006, 40144973007, 40144973008, 40144973009		

SAMPLE DUPLICATE: 1461665

Parameter	Units	40144987001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	7.4	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: FORMER DF

Pace Project No.: 40144973

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER DF
Pace Project No.: 40144973

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40144973003	MW16-1	EPA 3050	247307	EPA 6010	247395
40144973006	PMW8-1	EPA 3050	247307	EPA 6010	247395
40144973008	MW-17-1	EPA 3050	247307	EPA 6010	247395
40144973003	MW16-1	EPA 7471	247545	EPA 7471	247632
40144973006	PMW8-1	EPA 7471	247545	EPA 7471	247632
40144973008	MW-17-1	EPA 7471	247545	EPA 7471	247632
40144973003	MW16-1	EPA 3546	247282	EPA 8270 by SIM	247305
40144973006	PMW8-1	EPA 3546	247282	EPA 8270 by SIM	247305
40144973008	MW-17-1	EPA 3546	247282	EPA 8270 by SIM	247305
40144973001	PMW2-1	EPA 5035/5030B	247295	EPA 8260	247297
40144973002	PMW2-2	EPA 5035/5030B	247295	EPA 8260	247297
40144973003	MW16-1	EPA 5035/5030B	247295	EPA 8260	247297
40144973004	MW16-2	EPA 5035/5030B	247295	EPA 8260	247297
40144973005	PMW7	EPA 5035/5030B	247295	EPA 8260	247297
40144973006	PMW8-1	EPA 5035/5030B	247295	EPA 8260	247297
40144973007	TW-1	EPA 5035/5030B	247295	EPA 8260	247297
40144973008	MW-17-1	EPA 5035/5030B	247295	EPA 8260	247297
40144973009	MW-17-2	EPA 5035/5030B	247295	EPA 8260	247297
40144973001	PMW2-1	ASTM D2974-87	247337		
40144973002	PMW2-2	ASTM D2974-87	247337		
40144973003	MW16-1	ASTM D2974-87	247337		
40144973004	MW16-2	ASTM D2974-87	247337		
40144973005	PMW7	ASTM D2974-87	247337		
40144973006	PMW8-1	ASTM D2974-87	247337		
40144973007	TW-1	ASTM D2974-87	247337		
40144973008	MW-17-1	ASTM D2974-87	247337		
40144973009	MW-17-2	ASTM D2974-87	247337		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: LF Green
 Branch/Location: Milw WI
 Project Contact: Linda Fellenz
 Phone: 414 254 4813
 Project Number:
 Project Name: Former DF
 Project State: WI
 Sampled By (Print): Linda Fellenz
 Sampled By (Sign):



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40144973

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested	Matrix Codes
	F		
		VOC	W = Water
		PAH	DW = Drinking Water
		PCPA	GW = Ground Water
			SW = Surface Water
			WW = Waste Water
			WP = Wipe

Quote #:
 Mail To Contact: Linda Fellenz
 Mail To Company:
 Mail To Address: lfellenz@lfgreendevelopment.com
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address: Same
 Invoice To Phone:
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only): 1-40mlV F 1-40zpa
 Profile #:

PO #:
 Regulatory Program:
Data Package Options (billable)
 EPA Level III
 EPA Level IV
MS/MSD
 On your sample (billable)
 NOT needed on your sample

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	PMW2-1	1/25/17	1:40	S
002	PMW2-2	1/25/17	1:40	S
003	MW16-1	1/25/17	11:00	S
004	MW16-2	1/25/17	11:00	S
005	PMW7	1/25/17	12:15	S
006	PMW8-1	1/25/17	11:45	S
007	PMW8-2	1/25/17		S
007	TW-1	1/25/17	10:15	S
008	MW-17-1	1/25/17	9:30	S
009	MW-17-2	1/25/17	9:30	S

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: [Signature] Date/Time: 1/27/17 8:00
 Relinquished By: [Signature] Date/Time: 1/27/17 1:00
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:

Received By: [Signature] Date/Time: 1/27/17 12:50
 Received By: [Signature] Date/Time: 1/27/17 1:00
 Received By: Date/Time:
 Received By: Date/Time:
 Received By: Date/Time:

PACE Project No. 40144973
 Receipt Temp = 20.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

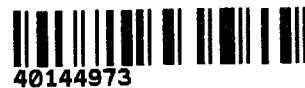
Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Project #:

WO#: 40144973



Client Name: LF GILSON

Courier: Fed Ex UPS Client Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO1 / Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Person examining contents:

Date: 1-27-17

Initials: mm

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>004 - poly no collect time.</u> <u>009 - 1 vial no collect date.</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<u>mm 1-27-17</u>
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

Date: 1/27/16

March 06, 2017

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: DF
Pace Project No.: 40146118

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on February 24, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: DF
Pace Project No.: 40146118

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: DF
Pace Project No.: 40146118

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40146118001	MW-1	Water	02/21/17 14:30	02/24/17 14:55
40146118002	MW-4	Water	02/21/17 14:05	02/24/17 14:55
40146118003	MW-9	Water	02/21/17 14:15	02/24/17 14:55
40146118004	MW-9D	Water	02/21/17 14:24	02/24/17 14:55
40146118005	MW-16	Water	02/21/17 15:06	02/24/17 14:55
40146118006	MW-5	Water	02/21/17 15:20	02/24/17 14:55
40146118007	MW-6	Water	02/21/17 15:30	02/24/17 14:55
40146118008	MW-17	Water	02/21/17 15:40	02/24/17 14:55
40146118009	MW-14	Water	02/22/17 09:05	02/24/17 14:55
40146118010	MW-15	Water	02/22/17 09:30	02/24/17 14:55
40146118011	MW-2	Water	02/22/17 09:50	02/24/17 14:55
40146118012	PMW-2	Water	02/22/17 10:15	02/24/17 14:55
40146118013	PMW-7	Water	02/22/17 10:45	02/24/17 14:55
40146118014	PMW-8	Water	02/22/17 11:20	02/24/17 14:55
40146118015	MW-8	Water	02/22/17 11:55	02/24/17 14:55
40146118016	MW-3	Water	02/22/17 12:30	02/24/17 14:55
40146118017	TW-1	Water	02/22/17 13:30	02/24/17 14:55
40146118018	MW-7	Water	02/22/17 11:00	02/24/17 14:55
40146118019	MW-7D	Water	02/22/17 11:00	02/24/17 14:55

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SAMPLE ANALYTE COUNT

Project: DF
Pace Project No.: 40146118

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40146118001	MW-1	EPA 8260	HNW	65	PASI-G
40146118002	MW-4	EPA 8260	HNW	65	PASI-G
40146118003	MW-9	EPA 8260	HNW	65	PASI-G
40146118004	MW-9D	EPA 8260	HNW	65	PASI-G
40146118005	MW-16	EPA 8260	HNW	65	PASI-G
40146118006	MW-5	EPA 8260	HNW	65	PASI-G
40146118007	MW-6	EPA 8260	HNW	65	PASI-G
40146118008	MW-17	EPA 8260	HNW	65	PASI-G
40146118009	MW-14	EPA 8260	HNW	65	PASI-G
40146118010	MW-15	EPA 8260	HNW	65	PASI-G
40146118011	MW-2	EPA 8260	HNW	65	PASI-G
40146118012	PMW-2	EPA 8260	HNW	65	PASI-G
40146118013	PMW-7	EPA 8260	HNW	65	PASI-G
40146118014	PMW-8	EPA 8260	HNW	65	PASI-G
40146118015	MW-8	EPA 8260	HNW	65	PASI-G
40146118016	MW-3	EPA 8260	HNW	65	PASI-G
40146118017	TW-1	EPA 8260	HNW	65	PASI-G
40146118018	MW-7	EPA 8260	HNW	65	PASI-G
40146118019	MW-7D	EPA 8260	HNW	65	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-1 **Lab ID: 40146118001** Collected: 02/21/17 14:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:06	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 14:06	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 14:06	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/03/17 14:06	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 14:06	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 14:06	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:06	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:06	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 14:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 14:06	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	95-50-1	
1,2-Dichloroethane	3.4	ug/L	1.0	0.17	1		03/03/17 14:06	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 14:06	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 14:06	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 14:06	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 14:06	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:06	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 14:06	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 14:06	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 14:06	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 14:06	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 14:06	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 14:06	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:06	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 14:06	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 14:06	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 14:06	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 14:06	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-1 **Lab ID: 40146118001** Collected: 02/21/17 14:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/03/17 14:06	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:06	75-69-4	
Vinyl chloride	0.63J	ug/L	1.0	0.18	1		03/03/17 14:06	75-01-4	
cis-1,2-Dichloroethene	0.38J	ug/L	1.0	0.26	1		03/03/17 14:06	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 14:06	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:06	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:06	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 14:06	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 14:06	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/03/17 14:06	460-00-4	
Dibromofluoromethane (S)	84	%	70-130		1		03/03/17 14:06	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		03/03/17 14:06	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-4 **Lab ID: 40146118002** Collected: 02/21/17 14:05 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:28	630-20-6	
1,1,1-Trichloroethane	1.5	ug/L	1.0	0.50	1		03/03/17 14:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 14:28	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 14:28	79-00-5	
1,1-Dichloroethane	18.2	ug/L	1.0	0.24	1		03/03/17 14:28	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 14:28	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 14:28	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:28	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:28	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 14:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 14:28	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	95-50-1	
1,2-Dichloroethane	2.1	ug/L	1.0	0.17	1		03/03/17 14:28	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 14:28	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 14:28	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 14:28	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 14:28	106-43-4	
Benzene	1.2	ug/L	1.0	0.50	1		03/03/17 14:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 14:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 14:28	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	56-23-5	
Chlorobenzene	1.6	ug/L	1.0	0.50	1		03/03/17 14:28	108-90-7	
Chloroethane	6.4	ug/L	1.0	0.37	1		03/03/17 14:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 14:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 14:28	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 14:28	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:28	87-68-3	
Isopropylbenzene (Cumene)	0.17J	ug/L	1.0	0.14	1		03/03/17 14:28	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 14:28	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 14:28	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 14:28	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-4 **Lab ID: 40146118002** Collected: 02/21/17 14:05 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	108-88-3	
Trichloroethene	2.1	ug/L	1.0	0.33	1		03/03/17 14:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:28	75-69-4	
Vinyl chloride	22.2	ug/L	1.0	0.18	1		03/03/17 14:28	75-01-4	
cis-1,2-Dichloroethene	18.0	ug/L	1.0	0.26	1		03/03/17 14:28	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 14:28	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:28	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 14:28	98-06-6	
trans-1,2-Dichloroethene	0.26J	ug/L	1.0	0.26	1		03/03/17 14:28	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/03/17 14:28	460-00-4	
Dibromofluoromethane (S)	85	%	70-130		1		03/03/17 14:28	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 14:28	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-9 **Lab ID: 40146118003** Collected: 02/21/17 14:15 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:50	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 14:50	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 14:50	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/03/17 14:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 14:50	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 14:50	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:50	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:50	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 14:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 14:50	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 14:50	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 14:50	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 14:50	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 14:50	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 14:50	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:50	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 14:50	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 14:50	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 14:50	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 14:50	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 14:50	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 14:50	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 14:50	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 14:50	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 14:50	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 14:50	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 14:50	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-9 **Lab ID: 40146118003** Collected: 02/21/17 14:15 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/03/17 14:50	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 14:50	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/03/17 14:50	75-01-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 14:50	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 14:50	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 14:50	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 14:50	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 14:50	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 14:50	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 14:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/03/17 14:50	460-00-4	
Dibromofluoromethane (S)	89	%	70-130		1		03/03/17 14:50	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 14:50	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: **MW-9D** Lab ID: **40146118004** Collected: 02/21/17 14:24 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:13	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 15:13	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 15:13	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		03/03/17 15:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 15:13	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 15:13	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:13	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:13	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 15:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 15:13	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 15:13	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 15:13	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 15:13	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 15:13	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 15:13	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:13	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 15:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 15:13	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 15:13	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 15:13	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 15:13	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 15:13	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:13	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 15:13	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 15:13	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 15:13	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 15:13	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-9D **Lab ID: 40146118004** Collected: 02/21/17 14:24 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/03/17 15:13	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:13	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/03/17 15:13	75-01-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 15:13	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 15:13	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:13	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:13	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 15:13	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 15:13	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/03/17 15:13	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		03/03/17 15:13	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-16 **Lab ID: 40146118005** Collected: 02/21/17 15:06 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	2.0	0.36	2		03/03/17 10:44	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.0	0.50	2		03/03/17 10:44	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	2.0	0.39	2		03/03/17 10:44	79-00-5	
1,1-Dichloroethane	1.2J	ug/L	2.0	0.48	2		03/03/17 10:44	75-34-3	
1,1-Dichloroethene	<0.82	ug/L	2.0	0.82	2		03/03/17 10:44	75-35-4	
1,1-Dichloropropene	<0.88	ug/L	2.0	0.88	2		03/03/17 10:44	563-58-6	
1,2,3-Trichlorobenzene	<4.3	ug/L	10.0	4.3	2		03/03/17 10:44	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	96-18-4	
1,2,4-Trichlorobenzene	<4.4	ug/L	10.0	4.4	2		03/03/17 10:44	120-82-1	
1,2,4-Trimethylbenzene	390	ug/L	2.0	1.0	2		03/03/17 10:44	95-63-6	
1,2-Dibromo-3-chloropropane	<4.3	ug/L	10.0	4.3	2		03/03/17 10:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.36	ug/L	2.0	0.36	2		03/03/17 10:44	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	95-50-1	
1,2-Dichloroethane	<0.34	ug/L	2.0	0.34	2		03/03/17 10:44	107-06-2	
1,2-Dichloropropane	<0.47	ug/L	2.0	0.47	2		03/03/17 10:44	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	106-46-7	
2,2-Dichloropropane	<0.97	ug/L	2.0	0.97	2		03/03/17 10:44	594-20-7	
2-Butanone (MEK)	<6.0	ug/L	40.0	6.0	2		03/03/17 10:44	78-93-3	
2-Chlorotoluene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	95-49-8	
4-Chlorotoluene	<0.43	ug/L	2.0	0.43	2		03/03/17 10:44	106-43-4	
Benzene	5.0	ug/L	2.0	1.0	2		03/03/17 10:44	71-43-2	
Bromobenzene	<0.46	ug/L	2.0	0.46	2		03/03/17 10:44	108-86-1	
Bromochloromethane	<0.68	ug/L	2.0	0.68	2		03/03/17 10:44	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	75-27-4	
Bromoform	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	75-25-2	
Bromomethane	<4.9	ug/L	10.0	4.9	2		03/03/17 10:44	74-83-9	
Carbon tetrachloride	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	56-23-5	
Chlorobenzene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	108-90-7	
Chloroethane	145	ug/L	2.0	0.75	2		03/03/17 10:44	75-00-3	
Chloroform	<5.0	ug/L	10.0	5.0	2		03/03/17 10:44	67-66-3	
Chloromethane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	74-87-3	
Dibromochloromethane	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	124-48-1	
Dibromomethane	<0.85	ug/L	2.0	0.85	2		03/03/17 10:44	74-95-3	
Dichlorodifluoromethane	<0.45	ug/L	2.0	0.45	2		03/03/17 10:44	75-71-8	
Diisopropyl ether	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	108-20-3	
Ethylbenzene	1.0J	ug/L	2.0	1.0	2		03/03/17 10:44	100-41-4	
Hexachloro-1,3-butadiene	<4.2	ug/L	10.0	4.2	2		03/03/17 10:44	87-68-3	
Isopropylbenzene (Cumene)	46.8	ug/L	2.0	0.29	2		03/03/17 10:44	98-82-8	
Methyl-tert-butyl ether	<0.35	ug/L	2.0	0.35	2		03/03/17 10:44	1634-04-4	
Methylene Chloride	<0.47	ug/L	2.0	0.47	2		03/03/17 10:44	75-09-2	
Naphthalene	<5.0	ug/L	10.0	5.0	2		03/03/17 10:44	91-20-3	
Styrene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-16 **Lab ID: 40146118005** Collected: 02/21/17 15:06 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Tetrachloroethene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	127-18-4	
Toluene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	108-88-3	
Trichloroethene	<0.66	ug/L	2.0	0.66	2		03/03/17 10:44	79-01-6	
Trichlorofluoromethane	<0.37	ug/L	2.0	0.37	2		03/03/17 10:44	75-69-4	
Vinyl chloride	1.5J	ug/L	2.0	0.35	2		03/03/17 10:44	75-01-4	
cis-1,2-Dichloroethene	4.3	ug/L	2.0	0.51	2		03/03/17 10:44	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	10061-01-5	
m&p-Xylene	3.2J	ug/L	4.0	2.0	2		03/03/17 10:44	179601-23-1	
n-Butylbenzene	18.9	ug/L	2.0	1.0	2		03/03/17 10:44	104-51-8	
n-Propylbenzene	85.2	ug/L	2.0	1.0	2		03/03/17 10:44	103-65-1	
o-Xylene	<1.0	ug/L	2.0	1.0	2		03/03/17 10:44	95-47-6	
p-Isopropyltoluene	6.6	ug/L	2.0	1.0	2		03/03/17 10:44	99-87-6	
sec-Butylbenzene	19.8	ug/L	10.0	4.4	2		03/03/17 10:44	135-98-8	
tert-Butylbenzene	1.5J	ug/L	2.0	0.36	2		03/03/17 10:44	98-06-6	
trans-1,2-Dichloroethene	<0.51	ug/L	2.0	0.51	2		03/03/17 10:44	156-60-5	
trans-1,3-Dichloropropene	<0.46	ug/L	2.0	0.46	2		03/03/17 10:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		03/03/17 10:44	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		2		03/03/17 10:44	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		03/03/17 10:44	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-5 Lab ID: 40146118006 Collected: 02/21/17 15:20 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:35	630-20-6	
1,1,1-Trichloroethane	1.8	ug/L	1.0	0.50	1		03/03/17 15:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 15:35	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 15:35	79-00-5	
1,1-Dichloroethane	23.5	ug/L	1.0	0.24	1		03/03/17 15:35	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 15:35	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 15:35	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:35	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:35	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 15:35	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 15:35	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	95-50-1	
1,2-Dichloroethane	0.43J	ug/L	1.0	0.17	1		03/03/17 15:35	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 15:35	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 15:35	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 15:35	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 15:35	106-43-4	
Benzene	1.4	ug/L	1.0	0.50	1		03/03/17 15:35	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:35	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 15:35	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 15:35	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 15:35	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 15:35	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 15:35	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 15:35	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:35	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 15:35	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 15:35	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 15:35	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 15:35	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-5 **Lab ID: 40146118006** Collected: 02/21/17 15:20 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	108-88-3	
Trichloroethene	28.3	ug/L	1.0	0.33	1		03/03/17 15:35	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:35	75-69-4	
Vinyl chloride	14.1	ug/L	1.0	0.18	1		03/03/17 15:35	75-01-4	
cis-1,2-Dichloroethene	16.8	ug/L	1.0	0.26	1		03/03/17 15:35	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 15:35	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:35	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:35	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 15:35	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 15:35	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/03/17 15:35	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		03/03/17 15:35	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 15:35	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-6 Lab ID: 40146118007 Collected: 02/21/17 15:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:58	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 15:58	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 15:58	79-00-5	
1,1-Dichloroethane	3.4	ug/L	1.0	0.24	1		03/03/17 15:58	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 15:58	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 15:58	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:58	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:58	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 15:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 15:58	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 15:58	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 15:58	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 15:58	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 15:58	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 15:58	106-43-4	
Benzene	3.0	ug/L	1.0	0.50	1		03/03/17 15:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 15:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 15:58	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	108-90-7	
Chloroethane	145	ug/L	1.0	0.37	1		03/03/17 15:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 15:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 15:58	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 15:58	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 15:58	87-68-3	
Isopropylbenzene (Cumene)	0.19J	ug/L	1.0	0.14	1		03/03/17 15:58	98-82-8	
Methyl-tert-butyl ether	0.22J	ug/L	1.0	0.17	1		03/03/17 15:58	1634-04-4	
Methylene Chloride	0.27J	ug/L	1.0	0.23	1		03/03/17 15:58	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 15:58	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-6 **Lab ID: 40146118007** Collected: 02/21/17 15:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	108-88-3	
Trichloroethene	8.1	ug/L	1.0	0.33	1		03/03/17 15:58	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 15:58	75-69-4	
Vinyl chloride	2.9	ug/L	1.0	0.18	1		03/03/17 15:58	75-01-4	
cis-1,2-Dichloroethene	6.4	ug/L	1.0	0.26	1		03/03/17 15:58	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 15:58	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 15:58	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 15:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 15:58	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 15:58	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 15:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/03/17 15:58	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		03/03/17 15:58	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		03/03/17 15:58	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-17 Lab ID: 40146118008 Collected: 02/21/17 15:40 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 09:59	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 09:59	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 09:59	79-00-5	
1,1-Dichloroethane	12.9	ug/L	1.0	0.24	1		03/03/17 09:59	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 09:59	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 09:59	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 09:59	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 09:59	120-82-1	
1,2,4-Trimethylbenzene	0.88J	ug/L	1.0	0.50	1		03/03/17 09:59	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 09:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 09:59	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	95-50-1	
1,2-Dichloroethane	1.1	ug/L	1.0	0.17	1		03/03/17 09:59	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 09:59	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 09:59	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 09:59	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 09:59	106-43-4	
Benzene	31.1	ug/L	1.0	0.50	1		03/03/17 09:59	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 09:59	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 09:59	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 09:59	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	108-90-7	
Chloroethane	35.1	ug/L	1.0	0.37	1		03/03/17 09:59	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 09:59	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 09:59	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 09:59	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	108-20-3	
Ethylbenzene	2.8	ug/L	1.0	0.50	1		03/03/17 09:59	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 09:59	87-68-3	
Isopropylbenzene (Cumene)	1.3	ug/L	1.0	0.14	1		03/03/17 09:59	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 09:59	1634-04-4	
Methylene Chloride	0.34J	ug/L	1.0	0.23	1		03/03/17 09:59	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 09:59	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-17 **Lab ID: 40146118008** Collected: 02/21/17 15:40 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	127-18-4	
Toluene	1.3	ug/L	1.0	0.50	1		03/03/17 09:59	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/03/17 09:59	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 09:59	75-69-4	
Vinyl chloride	45.5	ug/L	1.0	0.18	1		03/03/17 09:59	75-01-4	
cis-1,2-Dichloroethene	25.4	ug/L	1.0	0.26	1		03/03/17 09:59	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	10061-01-5	
m&p-Xylene	6.1	ug/L	2.0	1.0	1		03/03/17 09:59	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	104-51-8	
n-Propylbenzene	1.1	ug/L	1.0	0.50	1		03/03/17 09:59	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 09:59	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 09:59	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 09:59	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 09:59	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 09:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/03/17 09:59	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		03/03/17 09:59	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 09:59	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-14 Lab ID: 40146118009 Collected: 02/22/17 09:05 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 16:20	630-20-6	
1,1,1-Trichloroethane	15.1	ug/L	1.0	0.50	1		03/03/17 16:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 16:20	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 16:20	79-00-5	
1,1-Dichloroethane	8.9	ug/L	1.0	0.24	1		03/03/17 16:20	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 16:20	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 16:20	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 16:20	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 16:20	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 16:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 16:20	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 16:20	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 16:20	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 16:20	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 16:20	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 16:20	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 16:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 16:20	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 16:20	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 16:20	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 16:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 16:20	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 16:20	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 16:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 16:20	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 16:20	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 16:20	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 16:20	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-14 **Lab ID: 40146118009** Collected: 02/22/17 09:05 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	4.2	ug/L	1.0	0.50	1		03/03/17 16:20	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	108-88-3	
Trichloroethene	95.3	ug/L	1.0	0.33	1		03/03/17 16:20	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 16:20	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		03/03/17 16:20	75-01-4	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	0.26	1		03/03/17 16:20	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 16:20	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 16:20	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 16:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 16:20	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 16:20	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 16:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/03/17 16:20	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		03/03/17 16:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		03/03/17 16:20	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-15 **Lab ID: 40146118010** Collected: 02/22/17 09:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		03/06/17 08:12	630-20-6	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	71-55-6	
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		03/06/17 08:12	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		03/06/17 08:12	79-00-5	
1,1-Dichloroethane	8.2J	ug/L	10.0	2.4	10		03/06/17 08:12	75-34-3	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		03/06/17 08:12	75-35-4	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		03/06/17 08:12	563-58-6	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		03/06/17 08:12	87-61-6	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	96-18-4	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		03/06/17 08:12	120-82-1	
1,2,4-Trimethylbenzene	885	ug/L	10.0	5.0	10		03/06/17 08:12	95-63-6	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		03/06/17 08:12	96-12-8	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		03/06/17 08:12	106-93-4	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	95-50-1	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		03/06/17 08:12	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		03/06/17 08:12	78-87-5	
1,3,5-Trimethylbenzene	39.4	ug/L	10.0	5.0	10		03/06/17 08:12	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	106-46-7	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		03/06/17 08:12	594-20-7	
2-Butanone (MEK)	<29.8	ug/L	200	29.8	10		03/06/17 08:12	78-93-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		03/06/17 08:12	106-43-4	
Benzene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		03/06/17 08:12	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		03/06/17 08:12	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		03/06/17 08:12	74-83-9	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	108-90-7	
Chloroethane	13.2	ug/L	10.0	3.7	10		03/06/17 08:12	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		03/06/17 08:12	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	74-87-3	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	124-48-1	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		03/06/17 08:12	74-95-3	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		03/06/17 08:12	75-71-8	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	108-20-3	
Ethylbenzene	229	ug/L	10.0	5.0	10		03/06/17 08:12	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		03/06/17 08:12	87-68-3	
Isopropylbenzene (Cumene)	12.7	ug/L	10.0	1.4	10		03/06/17 08:12	98-82-8	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		03/06/17 08:12	1634-04-4	
Methylene Chloride	3.3J	ug/L	10.0	2.3	10		03/06/17 08:12	75-09-2	
Naphthalene	36.6J	ug/L	50.0	25.0	10		03/06/17 08:12	91-20-3	
Styrene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-15 **Lab ID: 40146118010** Collected: 02/22/17 09:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	127-18-4	
Toluene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	108-88-3	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		03/06/17 08:12	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		03/06/17 08:12	75-69-4	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		03/06/17 08:12	75-01-4	
cis-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		03/06/17 08:12	156-59-2	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		03/06/17 08:12	10061-01-5	
m&p-Xylene	918	ug/L	20.0	10.0	10		03/06/17 08:12	179601-23-1	
n-Butylbenzene	14.9	ug/L	10.0	5.0	10		03/06/17 08:12	104-51-8	
n-Propylbenzene	21.0	ug/L	10.0	5.0	10		03/06/17 08:12	103-65-1	
o-Xylene	83.7	ug/L	10.0	5.0	10		03/06/17 08:12	95-47-6	
p-Isopropyltoluene	36.0	ug/L	10.0	5.0	10		03/06/17 08:12	99-87-6	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		03/06/17 08:12	135-98-8	
tert-Butylbenzene	1.8J	ug/L	10.0	1.8	10		03/06/17 08:12	98-06-6	
trans-1,2-Dichloroethene	<2.6	ug/L	10.0	2.6	10		03/06/17 08:12	156-60-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		03/06/17 08:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		10		03/06/17 08:12	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		10		03/06/17 08:12	1868-53-7	
Toluene-d8 (S)	94	%	70-130		10		03/06/17 08:12	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-2 **Lab ID: 40146118011** Collected: 02/22/17 09:50 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<90.3	ug/L	500	90.3	500		03/06/17 08:34	630-20-6	
1,1,1-Trichloroethane	3620	ug/L	500	250	500		03/06/17 08:34	71-55-6	
1,1,2,2-Tetrachloroethane	<125	ug/L	500	125	500		03/06/17 08:34	79-34-5	
1,1,2-Trichloroethane	<98.7	ug/L	500	98.7	500		03/06/17 08:34	79-00-5	
1,1-Dichloroethane	4470	ug/L	500	121	500		03/06/17 08:34	75-34-3	
1,1-Dichloroethene	<205	ug/L	500	205	500		03/06/17 08:34	75-35-4	
1,1-Dichloropropene	<221	ug/L	500	221	500		03/06/17 08:34	563-58-6	
1,2,3-Trichlorobenzene	<1070	ug/L	2500	1070	500		03/06/17 08:34	87-61-6	
1,2,3-Trichloropropane	<250	ug/L	500	250	500		03/06/17 08:34	96-18-4	
1,2,4-Trichlorobenzene	<1100	ug/L	2500	1100	500		03/06/17 08:34	120-82-1	
1,2,4-Trimethylbenzene	<250	ug/L	500	250	500		03/06/17 08:34	95-63-6	
1,2-Dibromo-3-chloropropane	<1080	ug/L	2500	1080	500		03/06/17 08:34	96-12-8	
1,2-Dibromoethane (EDB)	<88.9	ug/L	500	88.9	500		03/06/17 08:34	106-93-4	
1,2-Dichlorobenzene	<250	ug/L	500	250	500		03/06/17 08:34	95-50-1	
1,2-Dichloroethane	349J	ug/L	500	84.0	500		03/06/17 08:34	107-06-2	
1,2-Dichloropropane	<117	ug/L	500	117	500		03/06/17 08:34	78-87-5	
1,3,5-Trimethylbenzene	<250	ug/L	500	250	500		03/06/17 08:34	108-67-8	
1,3-Dichlorobenzene	<250	ug/L	500	250	500		03/06/17 08:34	541-73-1	
1,3-Dichloropropane	<250	ug/L	500	250	500		03/06/17 08:34	142-28-9	
1,4-Dichlorobenzene	<250	ug/L	500	250	500		03/06/17 08:34	106-46-7	
2,2-Dichloropropane	<242	ug/L	500	242	500		03/06/17 08:34	594-20-7	
2-Butanone (MEK)	<1490	ug/L	10000	1490	500		03/06/17 08:34	78-93-3	
2-Chlorotoluene	<250	ug/L	500	250	500		03/06/17 08:34	95-49-8	
4-Chlorotoluene	<107	ug/L	500	107	500		03/06/17 08:34	106-43-4	
Benzene	<250	ug/L	500	250	500		03/06/17 08:34	71-43-2	
Bromobenzene	<115	ug/L	500	115	500		03/06/17 08:34	108-86-1	
Bromochloromethane	<170	ug/L	500	170	500		03/06/17 08:34	74-97-5	
Bromodichloromethane	<250	ug/L	500	250	500		03/06/17 08:34	75-27-4	
Bromoform	<250	ug/L	500	250	500		03/06/17 08:34	75-25-2	
Bromomethane	<1220	ug/L	2500	1220	500		03/06/17 08:34	74-83-9	
Carbon tetrachloride	<250	ug/L	500	250	500		03/06/17 08:34	56-23-5	
Chlorobenzene	<250	ug/L	500	250	500		03/06/17 08:34	108-90-7	
Chloroethane	337J	ug/L	500	187	500		03/06/17 08:34	75-00-3	
Chloroform	<1250	ug/L	2500	1250	500		03/06/17 08:34	67-66-3	
Chloromethane	<250	ug/L	500	250	500		03/06/17 08:34	74-87-3	
Dibromochloromethane	<250	ug/L	500	250	500		03/06/17 08:34	124-48-1	
Dibromomethane	<213	ug/L	500	213	500		03/06/17 08:34	74-95-3	
Dichlorodifluoromethane	<112	ug/L	500	112	500		03/06/17 08:34	75-71-8	
Diisopropyl ether	<250	ug/L	500	250	500		03/06/17 08:34	108-20-3	
Ethylbenzene	<250	ug/L	500	250	500		03/06/17 08:34	100-41-4	
Hexachloro-1,3-butadiene	<1050	ug/L	2500	1050	500		03/06/17 08:34	87-68-3	
Isopropylbenzene (Cumene)	<71.7	ug/L	500	71.7	500		03/06/17 08:34	98-82-8	
Methyl-tert-butyl ether	<87.1	ug/L	500	87.1	500		03/06/17 08:34	1634-04-4	
Methylene Chloride	284J	ug/L	500	116	500		03/06/17 08:34	75-09-2	
Naphthalene	<1250	ug/L	2500	1250	500		03/06/17 08:34	91-20-3	
Styrene	<250	ug/L	500	250	500		03/06/17 08:34	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-2 **Lab ID: 40146118011** Collected: 02/22/17 09:50 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<250	ug/L	500	250	500		03/06/17 08:34	127-18-4	
Toluene	796	ug/L	500	250	500		03/06/17 08:34	108-88-3	
Trichloroethene	<165	ug/L	500	165	500		03/06/17 08:34	79-01-6	
Trichlorofluoromethane	<92.5	ug/L	500	92.5	500		03/06/17 08:34	75-69-4	
Vinyl chloride	11100	ug/L	500	87.8	500		03/06/17 08:34	75-01-4	
cis-1,2-Dichloroethene	50700	ug/L	500	128	500		03/06/17 08:34	156-59-2	
cis-1,3-Dichloropropene	<250	ug/L	500	250	500		03/06/17 08:34	10061-01-5	
m&p-Xylene	559J	ug/L	1000	500	500		03/06/17 08:34	179601-23-1	
n-Butylbenzene	<250	ug/L	500	250	500		03/06/17 08:34	104-51-8	
n-Propylbenzene	<250	ug/L	500	250	500		03/06/17 08:34	103-65-1	
o-Xylene	295J	ug/L	500	250	500		03/06/17 08:34	95-47-6	
p-Isopropyltoluene	<250	ug/L	500	250	500		03/06/17 08:34	99-87-6	
sec-Butylbenzene	<1090	ug/L	2500	1090	500		03/06/17 08:34	135-98-8	
tert-Butylbenzene	<90.2	ug/L	500	90.2	500		03/06/17 08:34	98-06-6	
trans-1,2-Dichloroethene	<128	ug/L	500	128	500		03/06/17 08:34	156-60-5	
trans-1,3-Dichloropropene	<115	ug/L	500	115	500		03/06/17 08:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		500		03/06/17 08:34	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		500		03/06/17 08:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		500		03/06/17 08:34	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-2 **Lab ID: 40146118012** Collected: 02/22/17 10:15 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<181	ug/L	1000	181	1000		03/06/17 08:57	630-20-6	
1,1,1-Trichloroethane	17400	ug/L	1000	500	1000		03/06/17 08:57	71-55-6	
1,1,2,2-Tetrachloroethane	<249	ug/L	1000	249	1000		03/06/17 08:57	79-34-5	
1,1,2-Trichloroethane	<197	ug/L	1000	197	1000		03/06/17 08:57	79-00-5	
1,1-Dichloroethane	16300	ug/L	1000	242	1000		03/06/17 08:57	75-34-3	
1,1-Dichloroethene	986J	ug/L	1000	410	1000		03/06/17 08:57	75-35-4	
1,1-Dichloropropene	<441	ug/L	1000	441	1000		03/06/17 08:57	563-58-6	
1,2,3-Trichlorobenzene	<2130	ug/L	5000	2130	1000		03/06/17 08:57	87-61-6	
1,2,3-Trichloropropane	<500	ug/L	1000	500	1000		03/06/17 08:57	96-18-4	
1,2,4-Trichlorobenzene	<2210	ug/L	5000	2210	1000		03/06/17 08:57	120-82-1	
1,2,4-Trimethylbenzene	504J	ug/L	1000	500	1000		03/06/17 08:57	95-63-6	
1,2-Dibromo-3-chloropropane	<2160	ug/L	5000	2160	1000		03/06/17 08:57	96-12-8	
1,2-Dibromoethane (EDB)	<178	ug/L	1000	178	1000		03/06/17 08:57	106-93-4	
1,2-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	95-50-1	
1,2-Dichloroethane	341J	ug/L	1000	168	1000		03/06/17 08:57	107-06-2	
1,2-Dichloropropane	<233	ug/L	1000	233	1000		03/06/17 08:57	78-87-5	
1,3,5-Trimethylbenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	108-67-8	
1,3-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	541-73-1	
1,3-Dichloropropane	<500	ug/L	1000	500	1000		03/06/17 08:57	142-28-9	
1,4-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	106-46-7	
2,2-Dichloropropane	<484	ug/L	1000	484	1000		03/06/17 08:57	594-20-7	
2-Butanone (MEK)	<2980	ug/L	20000	2980	1000		03/06/17 08:57	78-93-3	
2-Chlorotoluene	<500	ug/L	1000	500	1000		03/06/17 08:57	95-49-8	
4-Chlorotoluene	<214	ug/L	1000	214	1000		03/06/17 08:57	106-43-4	
Benzene	<500	ug/L	1000	500	1000		03/06/17 08:57	71-43-2	
Bromobenzene	<230	ug/L	1000	230	1000		03/06/17 08:57	108-86-1	
Bromochloromethane	<340	ug/L	1000	340	1000		03/06/17 08:57	74-97-5	
Bromodichloromethane	<500	ug/L	1000	500	1000		03/06/17 08:57	75-27-4	
Bromoform	<500	ug/L	1000	500	1000		03/06/17 08:57	75-25-2	
Bromomethane	<2430	ug/L	5000	2430	1000		03/06/17 08:57	74-83-9	
Carbon tetrachloride	<500	ug/L	1000	500	1000		03/06/17 08:57	56-23-5	
Chlorobenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	108-90-7	
Chloroethane	3630	ug/L	1000	375	1000		03/06/17 08:57	75-00-3	
Chloroform	<2500	ug/L	5000	2500	1000		03/06/17 08:57	67-66-3	
Chloromethane	<500	ug/L	1000	500	1000		03/06/17 08:57	74-87-3	
Dibromochloromethane	<500	ug/L	1000	500	1000		03/06/17 08:57	124-48-1	
Dibromomethane	<427	ug/L	1000	427	1000		03/06/17 08:57	74-95-3	
Dichlorodifluoromethane	<224	ug/L	1000	224	1000		03/06/17 08:57	75-71-8	
Diisopropyl ether	<500	ug/L	1000	500	1000		03/06/17 08:57	108-20-3	
Ethylbenzene	1740	ug/L	1000	500	1000		03/06/17 08:57	100-41-4	
Hexachloro-1,3-butadiene	<2110	ug/L	5000	2110	1000		03/06/17 08:57	87-68-3	
Isopropylbenzene (Cumene)	<143	ug/L	1000	143	1000		03/06/17 08:57	98-82-8	
Methyl-tert-butyl ether	<174	ug/L	1000	174	1000		03/06/17 08:57	1634-04-4	
Methylene Chloride	441J	ug/L	1000	233	1000		03/06/17 08:57	75-09-2	
Naphthalene	<2500	ug/L	5000	2500	1000		03/06/17 08:57	91-20-3	
Styrene	<500	ug/L	1000	500	1000		03/06/17 08:57	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-2 **Lab ID: 40146118012** Collected: 02/22/17 10:15 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<500	ug/L	1000	500	1000		03/06/17 08:57	127-18-4	
Toluene	11700	ug/L	1000	500	1000		03/06/17 08:57	108-88-3	
Trichloroethene	21900	ug/L	1000	331	1000		03/06/17 08:57	79-01-6	
Trichlorofluoromethane	<185	ug/L	1000	185	1000		03/06/17 08:57	75-69-4	
Vinyl chloride	2380	ug/L	1000	176	1000		03/06/17 08:57	75-01-4	
cis-1,2-Dichloroethene	168000	ug/L	1000	256	1000		03/06/17 08:57	156-59-2	
cis-1,3-Dichloropropene	<500	ug/L	1000	500	1000		03/06/17 08:57	10061-01-5	
m&p-Xylene	7570	ug/L	2000	1000	1000		03/06/17 08:57	179601-23-1	
n-Butylbenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	104-51-8	
n-Propylbenzene	<500	ug/L	1000	500	1000		03/06/17 08:57	103-65-1	
o-Xylene	2680	ug/L	1000	500	1000		03/06/17 08:57	95-47-6	
p-Isopropyltoluene	<500	ug/L	1000	500	1000		03/06/17 08:57	99-87-6	
sec-Butylbenzene	<2190	ug/L	5000	2190	1000		03/06/17 08:57	135-98-8	
tert-Butylbenzene	<180	ug/L	1000	180	1000		03/06/17 08:57	98-06-6	
trans-1,2-Dichloroethene	1020	ug/L	1000	257	1000		03/06/17 08:57	156-60-5	
trans-1,3-Dichloropropene	<230	ug/L	1000	230	1000		03/06/17 08:57	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1000		03/06/17 08:57	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1000		03/06/17 08:57	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1000		03/06/17 08:57	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-7 **Lab ID: 40146118013** Collected: 02/22/17 10:45 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<181	ug/L	1000	181	1000		03/06/17 09:19	630-20-6	
1,1,1-Trichloroethane	<500	ug/L	1000	500	1000		03/06/17 09:19	71-55-6	
1,1,2,2-Tetrachloroethane	<249	ug/L	1000	249	1000		03/06/17 09:19	79-34-5	
1,1,2-Trichloroethane	<197	ug/L	1000	197	1000		03/06/17 09:19	79-00-5	
1,1-Dichloroethane	9590	ug/L	1000	242	1000		03/06/17 09:19	75-34-3	
1,1-Dichloroethene	<410	ug/L	1000	410	1000		03/06/17 09:19	75-35-4	
1,1-Dichloropropene	<441	ug/L	1000	441	1000		03/06/17 09:19	563-58-6	
1,2,3-Trichlorobenzene	<2130	ug/L	5000	2130	1000		03/06/17 09:19	87-61-6	
1,2,3-Trichloropropane	<500	ug/L	1000	500	1000		03/06/17 09:19	96-18-4	
1,2,4-Trichlorobenzene	<2210	ug/L	5000	2210	1000		03/06/17 09:19	120-82-1	
1,2,4-Trimethylbenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	95-63-6	
1,2-Dibromo-3-chloropropane	<2160	ug/L	5000	2160	1000		03/06/17 09:19	96-12-8	
1,2-Dibromoethane (EDB)	<178	ug/L	1000	178	1000		03/06/17 09:19	106-93-4	
1,2-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	95-50-1	
1,2-Dichloroethane	<168	ug/L	1000	168	1000		03/06/17 09:19	107-06-2	
1,2-Dichloropropane	<233	ug/L	1000	233	1000		03/06/17 09:19	78-87-5	
1,3,5-Trimethylbenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	108-67-8	
1,3-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	541-73-1	
1,3-Dichloropropane	<500	ug/L	1000	500	1000		03/06/17 09:19	142-28-9	
1,4-Dichlorobenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	106-46-7	
2,2-Dichloropropane	<484	ug/L	1000	484	1000		03/06/17 09:19	594-20-7	
2-Butanone (MEK)	<2980	ug/L	20000	2980	1000		03/06/17 09:19	78-93-3	
2-Chlorotoluene	<500	ug/L	1000	500	1000		03/06/17 09:19	95-49-8	
4-Chlorotoluene	<214	ug/L	1000	214	1000		03/06/17 09:19	106-43-4	
Benzene	<500	ug/L	1000	500	1000		03/06/17 09:19	71-43-2	
Bromobenzene	<230	ug/L	1000	230	1000		03/06/17 09:19	108-86-1	
Bromochloromethane	<340	ug/L	1000	340	1000		03/06/17 09:19	74-97-5	
Bromodichloromethane	<500	ug/L	1000	500	1000		03/06/17 09:19	75-27-4	
Bromoform	<500	ug/L	1000	500	1000		03/06/17 09:19	75-25-2	
Bromomethane	<2430	ug/L	5000	2430	1000		03/06/17 09:19	74-83-9	
Carbon tetrachloride	<500	ug/L	1000	500	1000		03/06/17 09:19	56-23-5	
Chlorobenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	108-90-7	
Chloroethane	694J	ug/L	1000	375	1000		03/06/17 09:19	75-00-3	
Chloroform	<2500	ug/L	5000	2500	1000		03/06/17 09:19	67-66-3	
Chloromethane	<500	ug/L	1000	500	1000		03/06/17 09:19	74-87-3	
Dibromochloromethane	<500	ug/L	1000	500	1000		03/06/17 09:19	124-48-1	
Dibromomethane	<427	ug/L	1000	427	1000		03/06/17 09:19	74-95-3	
Dichlorodifluoromethane	<224	ug/L	1000	224	1000		03/06/17 09:19	75-71-8	
Diisopropyl ether	<500	ug/L	1000	500	1000		03/06/17 09:19	108-20-3	
Ethylbenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	100-41-4	
Hexachloro-1,3-butadiene	<2110	ug/L	5000	2110	1000		03/06/17 09:19	87-68-3	
Isopropylbenzene (Cumene)	<143	ug/L	1000	143	1000		03/06/17 09:19	98-82-8	
Methyl-tert-butyl ether	<174	ug/L	1000	174	1000		03/06/17 09:19	1634-04-4	
Methylene Chloride	328J	ug/L	1000	233	1000		03/06/17 09:19	75-09-2	
Naphthalene	<2500	ug/L	5000	2500	1000		03/06/17 09:19	91-20-3	
Styrene	<500	ug/L	1000	500	1000		03/06/17 09:19	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-7 **Lab ID: 40146118013** Collected: 02/22/17 10:45 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Tetrachloroethene	<500	ug/L	1000	500	1000		03/06/17 09:19	127-18-4	
Toluene	703J	ug/L	1000	500	1000		03/06/17 09:19	108-88-3	
Trichloroethene	<331	ug/L	1000	331	1000		03/06/17 09:19	79-01-6	
Trichlorofluoromethane	<185	ug/L	1000	185	1000		03/06/17 09:19	75-69-4	
Vinyl chloride	44300	ug/L	1000	176	1000		03/06/17 09:19	75-01-4	
cis-1,2-Dichloroethene	152000	ug/L	1000	256	1000		03/06/17 09:19	156-59-2	
cis-1,3-Dichloropropene	<500	ug/L	1000	500	1000		03/06/17 09:19	10061-01-5	
m&p-Xylene	<1000	ug/L	2000	1000	1000		03/06/17 09:19	179601-23-1	
n-Butylbenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	104-51-8	
n-Propylbenzene	<500	ug/L	1000	500	1000		03/06/17 09:19	103-65-1	
o-Xylene	<500	ug/L	1000	500	1000		03/06/17 09:19	95-47-6	
p-Isopropyltoluene	<500	ug/L	1000	500	1000		03/06/17 09:19	99-87-6	
sec-Butylbenzene	<2190	ug/L	5000	2190	1000		03/06/17 09:19	135-98-8	
tert-Butylbenzene	<180	ug/L	1000	180	1000		03/06/17 09:19	98-06-6	
trans-1,2-Dichloroethene	1320	ug/L	1000	257	1000		03/06/17 09:19	156-60-5	
trans-1,3-Dichloropropene	<230	ug/L	1000	230	1000		03/06/17 09:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1000		03/06/17 09:19	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1000		03/06/17 09:19	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1000		03/06/17 09:19	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-8 **Lab ID: 40146118014** Collected: 02/22/17 11:20 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<3.6	ug/L	20.0	3.6	20		03/03/17 09:36	630-20-6	
1,1,1-Trichloroethane	305	ug/L	20.0	10.0	20		03/03/17 09:36	71-55-6	
1,1,2,2-Tetrachloroethane	<5.0	ug/L	20.0	5.0	20		03/03/17 09:36	79-34-5	
1,1,2-Trichloroethane	<3.9	ug/L	20.0	3.9	20		03/03/17 09:36	79-00-5	
1,1-Dichloroethane	1390	ug/L	20.0	4.8	20		03/03/17 09:36	75-34-3	
1,1-Dichloroethene	13.4J	ug/L	20.0	8.2	20		03/03/17 09:36	75-35-4	
1,1-Dichloropropene	<8.8	ug/L	20.0	8.8	20		03/03/17 09:36	563-58-6	
1,2,3-Trichlorobenzene	<42.7	ug/L	100	42.7	20		03/03/17 09:36	87-61-6	
1,2,3-Trichloropropane	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	96-18-4	
1,2,4-Trichlorobenzene	<44.2	ug/L	100	44.2	20		03/03/17 09:36	120-82-1	
1,2,4-Trimethylbenzene	993	ug/L	20.0	10.0	20		03/03/17 09:36	95-63-6	
1,2-Dibromo-3-chloropropane	<43.3	ug/L	100	43.3	20		03/03/17 09:36	96-12-8	
1,2-Dibromoethane (EDB)	<3.6	ug/L	20.0	3.6	20		03/03/17 09:36	106-93-4	
1,2-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	95-50-1	
1,2-Dichloroethane	86.7	ug/L	20.0	3.4	20		03/03/17 09:36	107-06-2	
1,2-Dichloropropane	<4.7	ug/L	20.0	4.7	20		03/03/17 09:36	78-87-5	
1,3,5-Trimethylbenzene	223	ug/L	20.0	10.0	20		03/03/17 09:36	108-67-8	
1,3-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	541-73-1	
1,3-Dichloropropane	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	142-28-9	
1,4-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	106-46-7	
2,2-Dichloropropane	<9.7	ug/L	20.0	9.7	20		03/03/17 09:36	594-20-7	
2-Butanone (MEK)	<59.6	ug/L	400	59.6	20		03/03/17 09:36	78-93-3	
2-Chlorotoluene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	95-49-8	
4-Chlorotoluene	<4.3	ug/L	20.0	4.3	20		03/03/17 09:36	106-43-4	
Benzene	13.2J	ug/L	20.0	10.0	20		03/03/17 09:36	71-43-2	
Bromobenzene	<4.6	ug/L	20.0	4.6	20		03/03/17 09:36	108-86-1	
Bromochloromethane	<6.8	ug/L	20.0	6.8	20		03/03/17 09:36	74-97-5	
Bromodichloromethane	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	75-27-4	
Bromoform	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	75-25-2	
Bromomethane	<48.7	ug/L	100	48.7	20		03/03/17 09:36	74-83-9	
Carbon tetrachloride	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	56-23-5	
Chlorobenzene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	108-90-7	
Chloroethane	189	ug/L	20.0	7.5	20		03/03/17 09:36	75-00-3	
Chloroform	<50.0	ug/L	100	50.0	20		03/03/17 09:36	67-66-3	
Chloromethane	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	74-87-3	
Dibromochloromethane	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	124-48-1	
Dibromomethane	<8.5	ug/L	20.0	8.5	20		03/03/17 09:36	74-95-3	
Dichlorodifluoromethane	<4.5	ug/L	20.0	4.5	20		03/03/17 09:36	75-71-8	
Diisopropyl ether	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	108-20-3	
Ethylbenzene	1350	ug/L	20.0	10.0	20		03/03/17 09:36	100-41-4	
Hexachloro-1,3-butadiene	<42.1	ug/L	100	42.1	20		03/03/17 09:36	87-68-3	
Isopropylbenzene (Cumene)	61.3	ug/L	20.0	2.9	20		03/03/17 09:36	98-82-8	
Methyl-tert-butyl ether	<3.5	ug/L	20.0	3.5	20		03/03/17 09:36	1634-04-4	
Methylene Chloride	<4.7	ug/L	20.0	4.7	20		03/03/17 09:36	75-09-2	
Naphthalene	96.0J	ug/L	100	50.0	20		03/03/17 09:36	91-20-3	
Styrene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: PMW-8 **Lab ID: 40146118014** Collected: 02/22/17 11:20 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	127-18-4	
Toluene	1200	ug/L	20.0	10.0	20		03/03/17 09:36	108-88-3	
Trichloroethene	225	ug/L	20.0	6.6	20		03/03/17 09:36	79-01-6	
Trichlorofluoromethane	<3.7	ug/L	20.0	3.7	20		03/03/17 09:36	75-69-4	
Vinyl chloride	10600	ug/L	50.0	8.8	50		03/06/17 09:42	75-01-4	
cis-1,2-Dichloroethene	2500	ug/L	20.0	5.1	20		03/03/17 09:36	156-59-2	
cis-1,3-Dichloropropene	<10.0	ug/L	20.0	10.0	20		03/03/17 09:36	10061-01-5	
m&p-Xylene	3870	ug/L	40.0	20.0	20		03/03/17 09:36	179601-23-1	
n-Butylbenzene	30.7	ug/L	20.0	10.0	20		03/03/17 09:36	104-51-8	
n-Propylbenzene	110	ug/L	20.0	10.0	20		03/03/17 09:36	103-65-1	
o-Xylene	1220	ug/L	20.0	10.0	20		03/03/17 09:36	95-47-6	
p-Isopropyltoluene	50.1	ug/L	20.0	10.0	20		03/03/17 09:36	99-87-6	
sec-Butylbenzene	<43.7	ug/L	100	43.7	20		03/03/17 09:36	135-98-8	
tert-Butylbenzene	<3.6	ug/L	20.0	3.6	20		03/03/17 09:36	98-06-6	
trans-1,2-Dichloroethene	109	ug/L	20.0	5.1	20		03/03/17 09:36	156-60-5	
trans-1,3-Dichloropropene	<4.6	ug/L	20.0	4.6	20		03/03/17 09:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		20		03/03/17 09:36	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		20		03/03/17 09:36	1868-53-7	
Toluene-d8 (S)	96	%	70-130		20		03/03/17 09:36	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-8 Lab ID: 40146118015 Collected: 02/22/17 11:55 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 10:21	630-20-6	
1,1,1-Trichloroethane	18.2	ug/L	1.0	0.50	1		03/03/17 10:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 10:21	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 10:21	79-00-5	
1,1-Dichloroethane	68.2	ug/L	1.0	0.24	1		03/03/17 10:21	75-34-3	
1,1-Dichloroethene	3.5	ug/L	1.0	0.41	1		03/03/17 10:21	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 10:21	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 10:21	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 10:21	120-82-1	
1,2,4-Trimethylbenzene	27.1	ug/L	1.0	0.50	1		03/03/17 10:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 10:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 10:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	95-50-1	
1,2-Dichloroethane	2.5	ug/L	1.0	0.17	1		03/03/17 10:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 10:21	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 10:21	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 10:21	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 10:21	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 10:21	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 10:21	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 10:21	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	108-90-7	
Chloroethane	20.2	ug/L	1.0	0.37	1		03/03/17 10:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 10:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 10:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 10:21	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	108-20-3	
Ethylbenzene	5.2	ug/L	1.0	0.50	1		03/03/17 10:21	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 10:21	87-68-3	
Isopropylbenzene (Cumene)	13.4	ug/L	1.0	0.14	1		03/03/17 10:21	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 10:21	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 10:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 10:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-8 **Lab ID: 40146118015** Collected: 02/22/17 11:55 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	108-88-3	
Trichloroethene	10.0	ug/L	1.0	0.33	1		03/03/17 10:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 10:21	75-69-4	
Vinyl chloride	228	ug/L	1.0	0.18	1		03/03/17 10:21	75-01-4	
cis-1,2-Dichloroethene	266	ug/L	1.0	0.26	1		03/03/17 10:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	10061-01-5	
m&p-Xylene	2.1	ug/L	2.0	1.0	1		03/03/17 10:21	179601-23-1	
n-Butylbenzene	6.0	ug/L	1.0	0.50	1		03/03/17 10:21	104-51-8	
n-Propylbenzene	18.0	ug/L	1.0	0.50	1		03/03/17 10:21	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 10:21	99-87-6	
sec-Butylbenzene	15.4	ug/L	5.0	2.2	1		03/03/17 10:21	135-98-8	
tert-Butylbenzene	1.1	ug/L	1.0	0.18	1		03/03/17 10:21	98-06-6	
trans-1,2-Dichloroethene	8.2	ug/L	1.0	0.26	1		03/03/17 10:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 10:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/03/17 10:21	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		03/03/17 10:21	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		03/03/17 10:21	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-3 Lab ID: 40146118016 Collected: 02/22/17 12:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 13:21	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 13:21	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 13:21	79-00-5	
1,1-Dichloroethane	1.1	ug/L	1.0	0.24	1		03/03/17 13:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 13:21	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 13:21	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 13:21	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 13:21	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 13:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 13:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 13:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 13:21	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 13:21	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 13:21	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 13:21	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 13:21	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 13:21	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 13:21	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		03/03/17 13:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 13:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 13:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 13:21	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 13:21	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 13:21	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 13:21	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 13:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 13:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-3 **Lab ID: 40146118016** Collected: 02/22/17 12:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		03/03/17 13:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 13:21	75-69-4	
Vinyl chloride	9.6	ug/L	1.0	0.18	1		03/03/17 13:21	75-01-4	
cis-1,2-Dichloroethene	0.93J	ug/L	1.0	0.26	1		03/03/17 13:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 13:21	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:21	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 13:21	135-98-8	
tert-Butylbenzene	0.39J	ug/L	1.0	0.18	1		03/03/17 13:21	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 13:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 13:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/03/17 13:21	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		03/03/17 13:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		03/03/17 13:21	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: TW-1 Lab ID: 40146118017 Collected: 02/22/17 13:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		03/03/17 13:43	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		03/03/17 13:43	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		03/03/17 13:43	79-00-5	
1,1-Dichloroethane	0.76J	ug/L	1.0	0.24	1		03/03/17 13:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		03/03/17 13:43	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		03/03/17 13:43	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		03/03/17 13:43	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 13:43	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		03/03/17 13:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		03/03/17 13:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/03/17 13:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		03/03/17 13:43	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		03/03/17 13:43	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		03/03/17 13:43	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		03/03/17 13:43	106-43-4	
Benzene	1.2	ug/L	1.0	0.50	1		03/03/17 13:43	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		03/03/17 13:43	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		03/03/17 13:43	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		03/03/17 13:43	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	108-90-7	
Chloroethane	1.7	ug/L	1.0	0.37	1		03/03/17 13:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		03/03/17 13:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		03/03/17 13:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		03/03/17 13:43	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		03/03/17 13:43	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		03/03/17 13:43	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		03/03/17 13:43	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		03/03/17 13:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		03/03/17 13:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: TW-1 **Lab ID: 40146118017** Collected: 02/22/17 13:30 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	108-88-3	
Trichloroethene	2.6	ug/L	1.0	0.33	1		03/03/17 13:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		03/03/17 13:43	75-69-4	
Vinyl chloride	0.55J	ug/L	1.0	0.18	1		03/03/17 13:43	75-01-4	
cis-1,2-Dichloroethene	1.5	ug/L	1.0	0.26	1		03/03/17 13:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		03/03/17 13:43	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		03/03/17 13:43	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		03/03/17 13:43	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		03/03/17 13:43	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		03/03/17 13:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/03/17 13:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/03/17 13:43	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		03/03/17 13:43	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		03/03/17 13:43	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-7 Lab ID: 40146118018 Collected: 02/22/17 11:00 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		03/03/17 12:36	630-20-6	
1,1,1-Trichloroethane	11.0	ug/L	5.0	2.5	5		03/03/17 12:36	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		03/03/17 12:36	79-34-5	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		03/03/17 12:36	79-00-5	
1,1-Dichloroethane	190	ug/L	5.0	1.2	5		03/03/17 12:36	75-34-3	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		03/03/17 12:36	75-35-4	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		03/03/17 12:36	563-58-6	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		03/03/17 12:36	87-61-6	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	96-18-4	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		03/03/17 12:36	120-82-1	
1,2,4-Trimethylbenzene	604	ug/L	5.0	2.5	5		03/03/17 12:36	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		03/03/17 12:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		03/03/17 12:36	106-93-4	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	95-50-1	
1,2-Dichloroethane	9.1	ug/L	5.0	0.84	5		03/03/17 12:36	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		03/03/17 12:36	78-87-5	
1,3,5-Trimethylbenzene	166	ug/L	5.0	2.5	5		03/03/17 12:36	108-67-8	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	541-73-1	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	142-28-9	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	106-46-7	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		03/03/17 12:36	594-20-7	
2-Butanone (MEK)	<14.9	ug/L	100	14.9	5		03/03/17 12:36	78-93-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		03/03/17 12:36	106-43-4	
Benzene	7.5	ug/L	5.0	2.5	5		03/03/17 12:36	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		03/03/17 12:36	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		03/03/17 12:36	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		03/03/17 12:36	74-83-9	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	108-90-7	
Chloroethane	741	ug/L	5.0	1.9	5		03/03/17 12:36	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		03/03/17 12:36	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	74-87-3	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	124-48-1	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		03/03/17 12:36	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		03/03/17 12:36	75-71-8	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	108-20-3	
Ethylbenzene	456	ug/L	5.0	2.5	5		03/03/17 12:36	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		03/03/17 12:36	87-68-3	
Isopropylbenzene (Cumene)	19.2	ug/L	5.0	0.72	5		03/03/17 12:36	98-82-8	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		03/03/17 12:36	1634-04-4	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		03/03/17 12:36	75-09-2	
Naphthalene	41.2	ug/L	25.0	12.5	5		03/03/17 12:36	91-20-3	
Styrene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	100-42-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-7 **Lab ID: 40146118018** Collected: 02/22/17 11:00 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Tetrachloroethene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	127-18-4	
Toluene	423	ug/L	5.0	2.5	5		03/03/17 12:36	108-88-3	
Trichloroethene	<1.7	ug/L	5.0	1.7	5		03/03/17 12:36	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		03/03/17 12:36	75-69-4	
Vinyl chloride	14.4	ug/L	5.0	0.88	5		03/03/17 12:36	75-01-4	
cis-1,2-Dichloroethene	42.6	ug/L	5.0	1.3	5		03/03/17 12:36	156-59-2	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	10061-01-5	
m&p-Xylene	1680	ug/L	10.0	5.0	5		03/03/17 12:36	179601-23-1	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:36	104-51-8	
n-Propylbenzene	22.1	ug/L	5.0	2.5	5		03/03/17 12:36	103-65-1	
o-Xylene	738	ug/L	5.0	2.5	5		03/03/17 12:36	95-47-6	
p-Isopropyltoluene	32.8	ug/L	5.0	2.5	5		03/03/17 12:36	99-87-6	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		03/03/17 12:36	135-98-8	
tert-Butylbenzene	1.4J	ug/L	5.0	0.90	5		03/03/17 12:36	98-06-6	
trans-1,2-Dichloroethene	7.2	ug/L	5.0	1.3	5		03/03/17 12:36	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		03/03/17 12:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		5		03/03/17 12:36	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		5		03/03/17 12:36	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		03/03/17 12:36	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-7D **Lab ID: 40146118019** Collected: 02/22/17 11:00 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		03/03/17 12:58	630-20-6	
1,1,1-Trichloroethane	7.8	ug/L	5.0	2.5	5		03/03/17 12:58	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		03/03/17 12:58	79-34-5	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		03/03/17 12:58	79-00-5	
1,1-Dichloroethane	120	ug/L	5.0	1.2	5		03/03/17 12:58	75-34-3	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		03/03/17 12:58	75-35-4	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		03/03/17 12:58	563-58-6	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		03/03/17 12:58	87-61-6	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	96-18-4	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		03/03/17 12:58	120-82-1	
1,2,4-Trimethylbenzene	433	ug/L	5.0	2.5	5		03/03/17 12:58	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		03/03/17 12:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		03/03/17 12:58	106-93-4	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	95-50-1	
1,2-Dichloroethane	5.7	ug/L	5.0	0.84	5		03/03/17 12:58	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		03/03/17 12:58	78-87-5	
1,3,5-Trimethylbenzene	129	ug/L	5.0	2.5	5		03/03/17 12:58	108-67-8	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	541-73-1	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	142-28-9	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	106-46-7	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		03/03/17 12:58	594-20-7	
2-Butanone (MEK)	<14.9	ug/L	100	14.9	5		03/03/17 12:58	78-93-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		03/03/17 12:58	106-43-4	
Benzene	4.7J	ug/L	5.0	2.5	5		03/03/17 12:58	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		03/03/17 12:58	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		03/03/17 12:58	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		03/03/17 12:58	74-83-9	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	108-90-7	
Chloroethane	464	ug/L	5.0	1.9	5		03/03/17 12:58	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		03/03/17 12:58	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	74-87-3	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	124-48-1	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		03/03/17 12:58	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		03/03/17 12:58	75-71-8	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	108-20-3	
Ethylbenzene	320	ug/L	5.0	2.5	5		03/03/17 12:58	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		03/03/17 12:58	87-68-3	
Isopropylbenzene (Cumene)	12.5	ug/L	5.0	0.72	5		03/03/17 12:58	98-82-8	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		03/03/17 12:58	1634-04-4	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		03/03/17 12:58	75-09-2	
Naphthalene	29.4	ug/L	25.0	12.5	5		03/03/17 12:58	91-20-3	
Styrene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40146118

Sample: MW-7D **Lab ID: 40146118019** Collected: 02/22/17 11:00 Received: 02/24/17 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Tetrachloroethene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	127-18-4	
Toluene	308	ug/L	5.0	2.5	5		03/03/17 12:58	108-88-3	
Trichloroethene	<1.7	ug/L	5.0	1.7	5		03/03/17 12:58	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		03/03/17 12:58	75-69-4	
Vinyl chloride	10.3	ug/L	5.0	0.88	5		03/03/17 12:58	75-01-4	
cis-1,2-Dichloroethene	31.7	ug/L	5.0	1.3	5		03/03/17 12:58	156-59-2	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	10061-01-5	
m&p-Xylene	1220	ug/L	10.0	5.0	5		03/03/17 12:58	179601-23-1	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		03/03/17 12:58	104-51-8	
n-Propylbenzene	14.2	ug/L	5.0	2.5	5		03/03/17 12:58	103-65-1	
o-Xylene	541	ug/L	5.0	2.5	5		03/03/17 12:58	95-47-6	
p-Isopropyltoluene	22.7	ug/L	5.0	2.5	5		03/03/17 12:58	99-87-6	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		03/03/17 12:58	135-98-8	
tert-Butylbenzene	1.2J	ug/L	5.0	0.90	5		03/03/17 12:58	98-06-6	
trans-1,2-Dichloroethene	4.6J	ug/L	5.0	1.3	5		03/03/17 12:58	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		03/03/17 12:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		5		03/03/17 12:58	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		5		03/03/17 12:58	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		03/03/17 12:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40146118

QC Batch: 249167 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40146118001, 40146118002, 40146118003, 40146118004, 40146118005, 40146118006, 40146118007, 40146118008, 40146118009, 40146118010, 40146118011, 40146118012, 40146118013, 40146118014, 40146118015, 40146118016, 40146118017, 40146118018, 40146118019

METHOD BLANK: 1471887 Matrix: Water
Associated Lab Samples: 40146118001, 40146118002, 40146118003, 40146118004, 40146118005, 40146118006, 40146118007, 40146118008, 40146118009, 40146118010, 40146118011, 40146118012, 40146118013, 40146118014, 40146118015, 40146118016, 40146118017, 40146118018, 40146118019

Parameter	Units	Blank Reporting		Analyzed	Qualifiers
		Result	Limit		
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	03/03/17 07:22	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	03/03/17 07:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	03/03/17 07:22	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	03/03/17 07:22	
1,1-Dichloroethane	ug/L	<0.24	1.0	03/03/17 07:22	
1,1-Dichloroethene	ug/L	<0.41	1.0	03/03/17 07:22	
1,1-Dichloropropene	ug/L	<0.44	1.0	03/03/17 07:22	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	03/03/17 07:22	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	03/03/17 07:22	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	03/03/17 07:22	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	03/03/17 07:22	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	03/03/17 07:22	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	03/03/17 07:22	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	03/03/17 07:22	
1,2-Dichloroethane	ug/L	<0.17	1.0	03/03/17 07:22	
1,2-Dichloropropane	ug/L	<0.23	1.0	03/03/17 07:22	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	03/03/17 07:22	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	03/03/17 07:22	
1,3-Dichloropropane	ug/L	<0.50	1.0	03/03/17 07:22	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	03/03/17 07:22	
2,2-Dichloropropane	ug/L	<0.48	1.0	03/03/17 07:22	
2-Butanone (MEK)	ug/L	<3.0	20.0	03/03/17 07:22	
2-Chlorotoluene	ug/L	<0.50	1.0	03/03/17 07:22	
4-Chlorotoluene	ug/L	<0.21	1.0	03/03/17 07:22	
Benzene	ug/L	<0.50	1.0	03/03/17 07:22	
Bromobenzene	ug/L	<0.23	1.0	03/03/17 07:22	
Bromochloromethane	ug/L	<0.34	1.0	03/03/17 07:22	
Bromodichloromethane	ug/L	<0.50	1.0	03/03/17 07:22	
Bromoform	ug/L	<0.50	1.0	03/03/17 07:22	
Bromomethane	ug/L	<2.4	5.0	03/03/17 07:22	
Carbon tetrachloride	ug/L	<0.50	1.0	03/03/17 07:22	
Chlorobenzene	ug/L	<0.50	1.0	03/03/17 07:22	
Chloroethane	ug/L	<0.37	1.0	03/03/17 07:22	
Chloroform	ug/L	<2.5	5.0	03/03/17 07:22	
Chloromethane	ug/L	<0.50	1.0	03/03/17 07:22	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	03/03/17 07:22	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	03/03/17 07:22	
Dibromochloromethane	ug/L	<0.50	1.0	03/03/17 07:22	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40146118

METHOD BLANK: 1471887 Matrix: Water
Associated Lab Samples: 40146118001, 40146118002, 40146118003, 40146118004, 40146118005, 40146118006, 40146118007, 40146118008, 40146118009, 40146118010, 40146118011, 40146118012, 40146118013, 40146118014, 40146118015, 40146118016, 40146118017, 40146118018, 40146118019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	03/03/17 07:22	
Dichlorodifluoromethane	ug/L	<0.22	1.0	03/03/17 07:22	
Diisopropyl ether	ug/L	<0.50	1.0	03/03/17 07:22	
Ethylbenzene	ug/L	<0.50	1.0	03/03/17 07:22	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	03/03/17 07:22	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	03/03/17 07:22	
m&p-Xylene	ug/L	<1.0	2.0	03/03/17 07:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	03/03/17 07:22	
Methylene Chloride	ug/L	<0.23	1.0	03/03/17 07:22	
n-Butylbenzene	ug/L	<0.50	1.0	03/03/17 07:22	
n-Propylbenzene	ug/L	<0.50	1.0	03/03/17 07:22	
Naphthalene	ug/L	<2.5	5.0	03/03/17 07:22	
o-Xylene	ug/L	<0.50	1.0	03/03/17 07:22	
p-Isopropyltoluene	ug/L	<0.50	1.0	03/03/17 07:22	
sec-Butylbenzene	ug/L	<2.2	5.0	03/03/17 07:22	
Styrene	ug/L	<0.50	1.0	03/03/17 07:22	
tert-Butylbenzene	ug/L	<0.18	1.0	03/03/17 07:22	
Tetrachloroethene	ug/L	<0.50	1.0	03/03/17 07:22	
Toluene	ug/L	<0.50	1.0	03/03/17 07:22	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	03/03/17 07:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	03/03/17 07:22	
Trichloroethene	ug/L	<0.33	1.0	03/03/17 07:22	
Trichlorofluoromethane	ug/L	<0.18	1.0	03/03/17 07:22	
Vinyl chloride	ug/L	<0.18	1.0	03/03/17 07:22	
4-Bromofluorobenzene (S)	%	97	70-130	03/03/17 07:22	
Dibromofluoromethane (S)	%	104	70-130	03/03/17 07:22	
Toluene-d8 (S)	%	95	70-130	03/03/17 07:22	

LABORATORY CONTROL SAMPLE: 1471888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.4	89	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	47.1	94	67-130	
1,1,2-Trichloroethane	ug/L	50	49.9	100	70-130	
1,1-Dichloroethane	ug/L	50	45.1	90	70-133	
1,1-Dichloroethene	ug/L	50	43.6	87	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.8	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.1	88	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	47.8	96	70-130	
1,2-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dichloroethane	ug/L	50	45.1	90	70-130	
1,2-Dichloropropane	ug/L	50	53.5	107	70-130	

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40146118

LABORATORY CONTROL SAMPLE: 1471888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.9	96	70-130	
1,4-Dichlorobenzene	ug/L	50	46.2	92	70-130	
Benzene	ug/L	50	47.8	96	60-135	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	44.0	88	70-130	
Bromomethane	ug/L	50	19.4	39	33-130	
Carbon tetrachloride	ug/L	50	56.4	113	70-138	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	39.6	79	51-130	
Chloroform	ug/L	50	43.9	88	70-130	
Chloromethane	ug/L	50	34.4	69	25-132	
cis-1,2-Dichloroethene	ug/L	50	45.9	92	69-130	
cis-1,3-Dichloropropene	ug/L	50	42.5	85	70-130	
Dibromochloromethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	27.0	54	23-130	
Ethylbenzene	ug/L	50	54.3	109	70-136	
Isopropylbenzene (Cumene)	ug/L	50	55.9	112	70-140	
m&p-Xylene	ug/L	100	110	110	70-138	
Methyl-tert-butyl ether	ug/L	50	41.8	84	66-138	
Methylene Chloride	ug/L	50	42.9	86	70-130	
o-Xylene	ug/L	50	55.9	112	70-134	
Styrene	ug/L	50	51.9	104	70-133	
Tetrachloroethene	ug/L	50	49.8	100	70-138	
Toluene	ug/L	50	53.7	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	70-131	
trans-1,3-Dichloropropene	ug/L	50	39.8	80	69-130	
Trichloroethene	ug/L	50	54.8	110	70-130	
Trichlorofluoromethane	ug/L	50	43.9	88	50-150	
Vinyl chloride	ug/L	50	40.8	82	49-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			85	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1473300 1473301

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40146118014	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	305	1000	1000	1230	1340	93	104	70-134	9	20		
1,1,2,2-Tetrachloroethane	ug/L	<5.0	1000	1000	922	1000	92	100	67-130	8	20		
1,1,2-Trichloroethane	ug/L	<3.9	1000	1000	1010	1060	101	106	70-130	5	20		
1,1-Dichloroethane	ug/L	1390	1000	1000	2390	2610	100	121	70-134	9	20		
1,1-Dichloroethene	ug/L	13.4J	1000	1000	862	949	85	94	68-136	10	20		
1,2,4-Trichlorobenzene	ug/L	<44.2	1000	1000	1030	1090	103	109	62-139	6	20		
1,2-Dibromo-3-chloropropane	ug/L	<43.3	1000	1000	957	1030	96	103	50-150	7	20		

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40146118

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1473300		1473301									
Parameter	Units	40146118014	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,2-Dibromoethane (EDB)	ug/L	<3.6	1000	1000	958	1020	96	102	70-130	6	20		
1,2-Dichlorobenzene	ug/L	<10.0	1000	1000	966	1030	97	103	70-130	6	20		
1,2-Dichloroethane	ug/L	86.7	1000	1000	964	1050	88	97	70-130	9	20		
1,2-Dichloropropane	ug/L	<4.7	1000	1000	1040	1120	104	112	70-130	7	20		
1,3-Dichlorobenzene	ug/L	<10.0	1000	1000	977	1040	98	104	70-131	6	20		
1,4-Dichlorobenzene	ug/L	<10.0	1000	1000	931	982	93	98	70-130	5	20		
Benzene	ug/L	13.2J	1000	1000	946	1020	93	101	57-138	8	20		
Bromodichloromethane	ug/L	<10.0	1000	1000	1050	1110	105	111	70-130	5	20		
Bromoform	ug/L	<10.0	1000	1000	891	933	89	93	70-130	5	20		
Bromomethane	ug/L	<48.7	1000	1000	458	557	46	56	33-130	19	27		
Carbon tetrachloride	ug/L	<10.0	1000	1000	1110	1190	111	119	70-138	7	20		
Chlorobenzene	ug/L	<10.0	1000	1000	1020	1060	102	106	70-130	4	20		
Chloroethane	ug/L	189	1000	1000	948	1040	76	86	51-130	10	20		
Chloroform	ug/L	<50.0	1000	1000	856	924	86	92	70-130	8	20		
Chloromethane	ug/L	<10.0	1000	1000	651	731	65	73	25-132	12	20		
cis-1,2-Dichloroethene	ug/L	2500	1000	1000	3570	3870	107	136	61-140	8	20		
cis-1,3-Dichloropropene	ug/L	<10.0	1000	1000	941	991	94	99	70-130	5	20		
Dibromochloromethane	ug/L	<10.0	1000	1000	983	1030	98	103	70-130	4	20		
Dichlorodifluoromethane	ug/L	<4.5	1000	1000	511	553	51	55	23-130	8	20		
Ethylbenzene	ug/L	1350	1000	1000	2590	2720	124	137	70-138	5	20		
Isopropylbenzene (Cumene)	ug/L	61.3	1000	1000	1190	1250	113	118	70-152	4	20		
m&p-Xylene	ug/L	3870	2000	2000	6270	6620	120	137	70-140	5	20		
Methyl-tert-butyl ether	ug/L	<3.5	1000	1000	815	912	82	91	66-139	11	20		
Methylene Chloride	ug/L	<4.7	1000	1000	872	956	87	96	70-130	9	20		
o-Xylene	ug/L	1220	1000	1000	2420	2550	120	133	70-134	5	20		
Styrene	ug/L	<10.0	1000	1000	1070	1120	107	112	70-138	5	20		
Tetrachloroethene	ug/L	<10.0	1000	1000	1030	1080	103	108	70-148	4	20		
Toluene	ug/L	1200	1000	1000	2380	2510	118	130	70-130	5	20		
trans-1,2-Dichloroethene	ug/L	109	1000	1000	1010	1090	90	98	70-133	8	20		
trans-1,3-Dichloropropene	ug/L	<4.6	1000	1000	874	922	87	92	69-130	5	20		
Trichloroethene	ug/L	225	1000	1000	1360	1440	113	121	70-131	6	20		
Trichlorofluoromethane	ug/L	<3.7	1000	1000	857	929	86	93	50-150	8	20		
4-Bromofluorobenzene (S)	%						101	100	70-130				
Dibromofluoromethane (S)	%						83	85	70-130				
Toluene-d8 (S)	%						96	95	70-130				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: DF
Pace Project No.: 40146118

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF
Pace Project No.: 40146118

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40146118001	MW-1	EPA 8260	249167		
40146118002	MW-4	EPA 8260	249167		
40146118003	MW-9	EPA 8260	249167		
40146118004	MW-9D	EPA 8260	249167		
40146118005	MW-16	EPA 8260	249167		
40146118006	MW-5	EPA 8260	249167		
40146118007	MW-6	EPA 8260	249167		
40146118008	MW-17	EPA 8260	249167		
40146118009	MW-14	EPA 8260	249167		
40146118010	MW-15	EPA 8260	249167		
40146118011	MW-2	EPA 8260	249167		
40146118012	PMW-2	EPA 8260	249167		
40146118013	PMW-7	EPA 8260	249167		
40146118014	PMW-8	EPA 8260	249167		
40146118015	MW-8	EPA 8260	249167		
40146118016	MW-3	EPA 8260	249167		
40146118017	TW-1	EPA 8260	249167		
40146118018	MW-7	EPA 8260	249167		
40146118019	MW-7D	EPA 8260	249167		

REPORT OF LABORATORY ANALYSIS

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40146118

(Please Print Clearly)

Company Name:	LEGREEN
Branch/Location:	MILW
Project Contact:	LINDA Fellenz
Phone:	4142544813
Project Number:	
Project Name:	DF
Project State:	WI
Sampled By (Print):	LINDA Fellenz
Sampled By (Sign):	<i>Linda Fellenz</i>
PO #:	



CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESENTATION
(CODE)*

Y/N	Pick Letter	Regulatory Program	Analyses Requested	COLLECTION DATE	COLLECTION TIME	MATRIX					
							N	B	VOC/MEK	X	

Quote #:		
Mail To Contact:		
Mail To Company:		
Mail To Address:		
Invoice To Contact:		
Invoice To Company:		
Invoice To Address:		
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only) Profile #	
3-40mlvB	Please include MEK to VOC analysis	

Data Package Options (billable) <input type="checkbox"/> EPA Level III <input type="checkbox"/> EPA Level IV	MS/MSD <input type="checkbox"/> On your sample (billable) <input type="checkbox"/> NOT needed on your sample	Matrix Codes A = Air W = Water B = Biota DW = Drinking Water C = Charcoal GW = Ground Water O = Oil SW = Surface Water S = Soil WW = Waste Water SI = Sludge WP = Wipe
--	---	---

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX
001	MW-1	2/21/17	2:30	GW
002	MW-4		2:05	
003	MW-9		2:15	
004	MW-9D		2:24	
005	MW-16		3:06	
006	MW-5		3:20	
007	MW-6		3:30	
008	MW-17		3:40	
009	MW-14	2/22/17	9:05	
010	MW-15		9:30	
011	MW-2		9:50	
012	PMW-2		10:15	
013	PMW-7		10:45	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Linda Fellenz</i> Date/Time: <i>2/24/17 2:00</i>	Received By: <i>Peter Rini</i> Date/Time: <i>2/24/17 1350</i>	PACE Project No. 40146118 Receipt Temp = RO1 °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>Peter Rini</i> Date/Time: <i>2/24/17 145</i>	Received By: <i>Mari Mckauff</i> Date/Time: <i>2/24/17</i>	
Email #1:	Relinquished By:	Received By:	
Email #2:	Relinquished By:	Received By:	
Telephone:	Relinquished By:	Received By:	
Fax:	Relinquished By:	Received By:	



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40146118

Client Name: L.F. Green

Courier: Fed Ex UPS Client Pace Other

Tracking #:



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:

Date: 2.25.17

Initials: mm

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, and Headspace in Vials.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution: 1 & 2 in same bubble bag in shipment mm 2/25/17

Project Manager Review:

Date:

Handwritten signature and date 2/27/17

October 08, 2018

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: DF
Pace Project No.: 40176970

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kate Juno, LF Green Development



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: DF
Pace Project No.: 40176970

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: DF
Pace Project No.: 40176970

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40176970001	MW-1	Water	09/27/18 10:30	10/03/18 15:45
40176970002	MW-2	Water	09/27/18 13:40	10/03/18 15:45
40176970003	PMW-2	Water	09/27/18 13:50	10/03/18 15:45
40176970004	MW-3	Water	09/27/18 12:30	10/03/18 15:45
40176970005	MW-4	Water	09/27/18 11:55	10/03/18 15:45
40176970006	MW-5	Water	09/27/18 11:00	10/03/18 15:45
40176970007	MW-6	Water	09/27/18 11:00	10/03/18 15:45
40176970008	PMW-7	Water	09/27/18 13:30	10/03/18 15:45
40176970009	MW-8	Water	09/27/18 13:00	10/03/18 15:45
40176970010	PMW-8	Water	09/27/18 12:45	10/03/18 15:45
40176970011	MW-9	Water	09/27/18 10:45	10/03/18 15:45
40176970012	MW-14	Water	09/27/18 14:00	10/03/18 15:45
40176970013	MW-15	Water	09/27/18 14:30	10/03/18 15:45
40176970014	MW-16	Water	09/27/18 12:10	10/03/18 15:45
40176970015	MW-17	Water	09/27/18 11:45	10/03/18 15:45

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SAMPLE ANALYTE COUNT

Project: DF
Pace Project No.: 40176970

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40176970001	MW-1	EPA 8260	LAP	64	PASI-G
40176970002	MW-2	EPA 8260	LAP	64	PASI-G
40176970003	PMW-2	EPA 8260	LAP	64	PASI-G
40176970004	MW-3	EPA 8260	LAP	64	PASI-G
40176970005	MW-4	EPA 8260	LAP	64	PASI-G
40176970006	MW-5	EPA 8260	LAP	64	PASI-G
40176970007	MW-6	EPA 8260	LAP	64	PASI-G
40176970008	PMW-7	EPA 8260	LAP	64	PASI-G
40176970009	MW-8	EPA 8260	LAP	64	PASI-G
40176970010	PMW-8	EPA 8260	LAP	64	PASI-G
40176970011	MW-9	EPA 8260	LAP	64	PASI-G
40176970012	MW-14	EPA 8260	LAP	64	PASI-G
40176970013	MW-15	EPA 8260	LAP	64	PASI-G
40176970014	MW-16	EPA 8260	LAP	64	PASI-G
40176970015	MW-17	EPA 8260	LAP	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-1 Lab ID: 40176970001 Collected: 09/27/18 10:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/04/18 16:35	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/04/18 16:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/04/18 16:35	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/04/18 16:35	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/04/18 16:35	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/04/18 16:35	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/04/18 16:35	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/04/18 16:35	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/04/18 16:35	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/04/18 16:35	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/04/18 16:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/04/18 16:35	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/04/18 16:35	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/04/18 16:35	95-50-1	
1,2-Dichloroethane	5.1	ug/L	1.0	0.28	1		10/04/18 16:35	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/04/18 16:35	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/04/18 16:35	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/04/18 16:35	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/04/18 16:35	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/04/18 16:35	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/04/18 16:35	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/04/18 16:35	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/04/18 16:35	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		10/04/18 16:35	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/04/18 16:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/04/18 16:35	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/04/18 16:35	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/04/18 16:35	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/04/18 16:35	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/04/18 16:35	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/04/18 16:35	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/04/18 16:35	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/04/18 16:35	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/04/18 16:35	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/04/18 16:35	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/04/18 16:35	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/04/18 16:35	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/04/18 16:35	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/04/18 16:35	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/04/18 16:35	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/04/18 16:35	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/04/18 16:35	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/04/18 16:35	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/04/18 16:35	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/04/18 16:35	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/04/18 16:35	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-1 **Lab ID: 40176970001** Collected: 09/27/18 10:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/04/18 16:35	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/04/18 16:35	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/04/18 16:35	75-69-4	
Vinyl chloride	1.1	ug/L	1.0	0.17	1		10/04/18 16:35	75-01-4	
cis-1,2-Dichloroethene	0.43J	ug/L	1.0	0.27	1		10/04/18 16:35	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/04/18 16:35	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/04/18 16:35	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/04/18 16:35	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/04/18 16:35	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/04/18 16:35	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/04/18 16:35	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/04/18 16:35	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/04/18 16:35	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/04/18 16:35	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/04/18 16:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/04/18 16:35	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/04/18 16:35	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/04/18 16:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-2 **Lab ID: 40176970002** Collected: 09/27/18 13:40 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		10/08/18 08:44	630-20-6	
1,1,1-Trichloroethane	1890	ug/L	125	30.6	125		10/08/18 08:44	71-55-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		10/08/18 08:44	79-34-5	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		10/08/18 08:44	79-00-5	
1,1-Dichloroethane	2220	ug/L	125	34.1	125		10/08/18 08:44	75-34-3	
1,1-Dichloroethene	57.2J	ug/L	125	30.6	125		10/08/18 08:44	75-35-4	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		10/08/18 08:44	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/L	625	78.2	125		10/08/18 08:44	87-61-6	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		10/08/18 08:44	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		10/08/18 08:44	120-82-1	
1,2,4-Trimethylbenzene	<105	ug/L	350	105	125		10/08/18 08:44	95-63-6	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		10/08/18 08:44	96-12-8	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		10/08/18 08:44	106-93-4	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		10/08/18 08:44	95-50-1	
1,2-Dichloroethane	177	ug/L	125	35.0	125		10/08/18 08:44	107-06-2	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		10/08/18 08:44	78-87-5	
1,3,5-Trimethylbenzene	<109	ug/L	364	109	125		10/08/18 08:44	108-67-8	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		10/08/18 08:44	541-73-1	
1,3-Dichloropropane	<103	ug/L	344	103	125		10/08/18 08:44	142-28-9	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		10/08/18 08:44	106-46-7	
2,2-Dichloropropane	<283	ug/L	944	283	125		10/08/18 08:44	594-20-7	
2-Chlorotoluene	<116	ug/L	625	116	125		10/08/18 08:44	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		10/08/18 08:44	106-43-4	
Benzene	<30.8	ug/L	125	30.8	125		10/08/18 08:44	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		10/08/18 08:44	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		10/08/18 08:44	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		10/08/18 08:44	75-27-4	
Bromoform	<496	ug/L	1650	496	125		10/08/18 08:44	75-25-2	
Bromomethane	<121	ug/L	625	121	125		10/08/18 08:44	74-83-9	
Carbon tetrachloride	<20.7	ug/L	125	20.7	125		10/08/18 08:44	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		10/08/18 08:44	108-90-7	
Chloroethane	<168	ug/L	625	168	125		10/08/18 08:44	75-00-3	
Chloroform	<159	ug/L	625	159	125		10/08/18 08:44	67-66-3	
Chloromethane	<274	ug/L	912	274	125		10/08/18 08:44	74-87-3	
Dibromochloromethane	<325	ug/L	1080	325	125		10/08/18 08:44	124-48-1	
Dibromomethane	<117	ug/L	390	117	125		10/08/18 08:44	74-95-3	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		10/08/18 08:44	75-71-8	
Diisopropyl ether	<236	ug/L	787	236	125		10/08/18 08:44	108-20-3	
Ethylbenzene	58.5J	ug/L	125	27.3	125		10/08/18 08:44	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/L	625	148	125		10/08/18 08:44	87-68-3	
Isopropylbenzene (Cumene)	<49.1	ug/L	625	49.1	125		10/08/18 08:44	98-82-8	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		10/08/18 08:44	1634-04-4	
Methylene Chloride	<72.6	ug/L	625	72.6	125		10/08/18 08:44	75-09-2	
Naphthalene	<147	ug/L	625	147	125		10/08/18 08:44	91-20-3	
Styrene	<58.2	ug/L	194	58.2	125		10/08/18 08:44	100-42-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		10/08/18 08:44	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-2 **Lab ID: 40176970002** Collected: 09/27/18 13:40 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	325J	ug/L	625	21.5	125		10/08/18 08:44	108-88-3	
Trichloroethene	201	ug/L	125	31.9	125		10/08/18 08:44	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		10/08/18 08:44	75-69-4	
Vinyl chloride	8560	ug/L	125	21.8	125		10/08/18 08:44	75-01-4	
cis-1,2-Dichloroethene	18200	ug/L	125	33.9	125		10/08/18 08:44	156-59-2	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		10/08/18 08:44	10061-01-5	
m&p-Xylene	272	ug/L	250	58.2	125		10/08/18 08:44	179601-23-1	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		10/08/18 08:44	104-51-8	
n-Propylbenzene	<101	ug/L	625	101	125		10/08/18 08:44	103-65-1	
o-Xylene	164	ug/L	125	32.7	125		10/08/18 08:44	95-47-6	
p-Isopropyltoluene	<100	ug/L	333	100	125		10/08/18 08:44	99-87-6	
sec-Butylbenzene	<106	ug/L	625	106	125		10/08/18 08:44	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		10/08/18 08:44	98-06-6	
trans-1,2-Dichloroethene	<136	ug/L	454	136	125		10/08/18 08:44	156-60-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		10/08/18 08:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		125		10/08/18 08:44	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		125		10/08/18 08:44	1868-53-7	
Toluene-d8 (S)	94	%	70-130		125		10/08/18 08:44	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-2 **Lab ID: 40176970003** Collected: 09/27/18 13:50 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<269	ug/L	1000	269	1000		10/05/18 14:12	630-20-6	
1,1,1-Trichloroethane	8500	ug/L	1000	245	1000		10/05/18 14:12	71-55-6	
1,1,2,2-Tetrachloroethane	<275	ug/L	1000	275	1000		10/05/18 14:12	79-34-5	
1,1,2-Trichloroethane	<552	ug/L	5000	552	1000		10/05/18 14:12	79-00-5	
1,1-Dichloroethane	12400	ug/L	1000	273	1000		10/05/18 14:12	75-34-3	
1,1-Dichloroethene	485J	ug/L	1000	245	1000		10/05/18 14:12	75-35-4	
1,1-Dichloropropene	<540	ug/L	1800	540	1000		10/05/18 14:12	563-58-6	
1,2,3-Trichlorobenzene	<626	ug/L	5000	626	1000		10/05/18 14:12	87-61-6	
1,2,3-Trichloropropane	<591	ug/L	5000	591	1000		10/05/18 14:12	96-18-4	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		10/05/18 14:12	120-82-1	
1,2,4-Trimethylbenzene	1280J	ug/L	2800	841	1000		10/05/18 14:12	95-63-6	
1,2-Dibromo-3-chloropropane	<1760	ug/L	5880	1760	1000		10/05/18 14:12	96-12-8	
1,2-Dibromoethane (EDB)	<829	ug/L	2760	829	1000		10/05/18 14:12	106-93-4	
1,2-Dichlorobenzene	<705	ug/L	2350	705	1000		10/05/18 14:12	95-50-1	
1,2-Dichloroethane	<280	ug/L	1000	280	1000		10/05/18 14:12	107-06-2	
1,2-Dichloropropane	<283	ug/L	1000	283	1000		10/05/18 14:12	78-87-5	
1,3,5-Trimethylbenzene	<873	ug/L	2910	873	1000		10/05/18 14:12	108-67-8	
1,3-Dichlorobenzene	<628	ug/L	2090	628	1000		10/05/18 14:12	541-73-1	
1,3-Dichloropropane	<826	ug/L	2750	826	1000		10/05/18 14:12	142-28-9	
1,4-Dichlorobenzene	<944	ug/L	3150	944	1000		10/05/18 14:12	106-46-7	
2,2-Dichloropropane	<2270	ug/L	7550	2270	1000		10/05/18 14:12	594-20-7	
2-Chlorotoluene	<926	ug/L	5000	926	1000		10/05/18 14:12	95-49-8	
4-Chlorotoluene	<756	ug/L	2520	756	1000		10/05/18 14:12	106-43-4	
Benzene	<246	ug/L	1000	246	1000		10/05/18 14:12	71-43-2	
Bromobenzene	<241	ug/L	1000	241	1000		10/05/18 14:12	108-86-1	
Bromochloromethane	<362	ug/L	5000	362	1000		10/05/18 14:12	74-97-5	
Bromodichloromethane	<364	ug/L	1210	364	1000		10/05/18 14:12	75-27-4	
Bromoform	<3970	ug/L	13200	3970	1000		10/05/18 14:12	75-25-2	
Bromomethane	<971	ug/L	5000	971	1000		10/05/18 14:12	74-83-9	
Carbon tetrachloride	<166	ug/L	1000	166	1000		10/05/18 14:12	56-23-5	
Chlorobenzene	<711	ug/L	2370	711	1000		10/05/18 14:12	108-90-7	
Chloroethane	1970J	ug/L	5000	1340	1000		10/05/18 14:12	75-00-3	
Chloroform	<1270	ug/L	5000	1270	1000		10/05/18 14:12	67-66-3	
Chloromethane	<2190	ug/L	7300	2190	1000		10/05/18 14:12	74-87-3	
Dibromochloromethane	<2600	ug/L	8670	2600	1000		10/05/18 14:12	124-48-1	
Dibromomethane	<937	ug/L	3120	937	1000		10/05/18 14:12	74-95-3	
Dichlorodifluoromethane	<500	ug/L	5000	500	1000		10/05/18 14:12	75-71-8	
Diisopropyl ether	<1890	ug/L	6290	1890	1000		10/05/18 14:12	108-20-3	
Ethylbenzene	1770	ug/L	1000	218	1000		10/05/18 14:12	100-41-4	
Hexachloro-1,3-butadiene	<1180	ug/L	5000	1180	1000		10/05/18 14:12	87-68-3	
Isopropylbenzene (Cumene)	<393	ug/L	5000	393	1000		10/05/18 14:12	98-82-8	
Methyl-tert-butyl ether	<1250	ug/L	4150	1250	1000		10/05/18 14:12	1634-04-4	
Methylene Chloride	<581	ug/L	5000	581	1000		10/05/18 14:12	75-09-2	
Naphthalene	<1180	ug/L	5000	1180	1000		10/05/18 14:12	91-20-3	
Styrene	<465	ug/L	1550	465	1000		10/05/18 14:12	100-42-5	
Tetrachloroethene	<326	ug/L	1090	326	1000		10/05/18 14:12	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-2 **Lab ID: 40176970003** Collected: 09/27/18 13:50 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	9640	ug/L	5000	172	1000		10/05/18 14:12	108-88-3	
Trichloroethene	<255	ug/L	1000	255	1000		10/05/18 14:12	79-01-6	
Trichlorofluoromethane	<215	ug/L	1000	215	1000		10/05/18 14:12	75-69-4	
Vinyl chloride	2400	ug/L	1000	175	1000		10/05/18 14:12	75-01-4	
cis-1,2-Dichloroethene	57700	ug/L	1000	271	1000		10/05/18 14:12	156-59-2	
cis-1,3-Dichloropropene	<3630	ug/L	12100	3630	1000		10/05/18 14:12	10061-01-5	
m&p-Xylene	8750	ug/L	2000	465	1000		10/05/18 14:12	179601-23-1	
n-Butylbenzene	<708	ug/L	2360	708	1000		10/05/18 14:12	104-51-8	
n-Propylbenzene	<811	ug/L	5000	811	1000		10/05/18 14:12	103-65-1	
o-Xylene	3590	ug/L	1000	262	1000		10/05/18 14:12	95-47-6	
p-Isopropyltoluene	<800	ug/L	2670	800	1000		10/05/18 14:12	99-87-6	
sec-Butylbenzene	<849	ug/L	5000	849	1000		10/05/18 14:12	135-98-8	
tert-Butylbenzene	<304	ug/L	1010	304	1000		10/05/18 14:12	98-06-6	
trans-1,2-Dichloroethene	<1090	ug/L	3640	1090	1000		10/05/18 14:12	156-60-5	
trans-1,3-Dichloropropene	<4370	ug/L	14600	4370	1000		10/05/18 14:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1000		10/05/18 14:12	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1000		10/05/18 14:12	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1000		10/05/18 14:12	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-3 Lab ID: 40176970004 Collected: 09/27/18 12:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 09:39	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 09:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 09:39	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 09:39	79-00-5	
1,1-Dichloroethane	0.42J	ug/L	1.0	0.27	1		10/05/18 09:39	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 09:39	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 09:39	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 09:39	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 09:39	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 09:39	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 09:39	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 09:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 09:39	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:39	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 09:39	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 09:39	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 09:39	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 09:39	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 09:39	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 09:39	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 09:39	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 09:39	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 09:39	106-43-4	
Benzene	0.30J	ug/L	1.0	0.25	1		10/05/18 09:39	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 09:39	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 09:39	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 09:39	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 09:39	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 09:39	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 09:39	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:39	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 09:39	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 09:39	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 09:39	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 09:39	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 09:39	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 09:39	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 09:39	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 09:39	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 09:39	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 09:39	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 09:39	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 09:39	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 09:39	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 09:39	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 09:39	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-3 **Lab ID: 40176970004** Collected: 09/27/18 12:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 09:39	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/05/18 09:39	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 09:39	75-69-4	
Vinyl chloride	0.60J	ug/L	1.0	0.17	1		10/05/18 09:39	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/05/18 09:39	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 09:39	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 09:39	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:39	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 09:39	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 09:39	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 09:39	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 09:39	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 09:39	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 09:39	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 09:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/05/18 09:39	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/05/18 09:39	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/05/18 09:39	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-4 Lab ID: 40176970005 Collected: 09/27/18 11:55 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 10:01	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 10:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:01	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 10:01	79-00-5	
1,1-Dichloroethane	1.6	ug/L	1.0	0.27	1		10/05/18 10:01	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 10:01	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 10:01	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 10:01	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 10:01	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 10:01	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 10:01	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 10:01	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 10:01	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:01	95-50-1	
1,2-Dichloroethane	0.67J	ug/L	1.0	0.28	1		10/05/18 10:01	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:01	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 10:01	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 10:01	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 10:01	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 10:01	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 10:01	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 10:01	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 10:01	106-43-4	
Benzene	2.5	ug/L	1.0	0.25	1		10/05/18 10:01	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 10:01	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 10:01	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 10:01	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 10:01	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 10:01	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 10:01	56-23-5	
Chlorobenzene	4.0	ug/L	2.4	0.71	1		10/05/18 10:01	108-90-7	
Chloroethane	9.0	ug/L	5.0	1.3	1		10/05/18 10:01	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 10:01	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 10:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 10:01	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 10:01	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 10:01	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 10:01	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 10:01	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:01	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 10:01	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 10:01	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 10:01	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:01	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 10:01	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 10:01	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-4 **Lab ID: 40176970005** Collected: 09/27/18 11:55 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 10:01	108-88-3	
Trichloroethene	0.52J	ug/L	1.0	0.26	1		10/05/18 10:01	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 10:01	75-69-4	
Vinyl chloride	0.57J	ug/L	1.0	0.17	1		10/05/18 10:01	75-01-4	
cis-1,2-Dichloroethene	0.55J	ug/L	1.0	0.27	1		10/05/18 10:01	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 10:01	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 10:01	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:01	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 10:01	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 10:01	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 10:01	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 10:01	135-98-8	
tert-Butylbenzene	0.42J	ug/L	1.0	0.30	1		10/05/18 10:01	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 10:01	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 10:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/05/18 10:01	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/05/18 10:01	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/05/18 10:01	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-5 Lab ID: 40176970006 Collected: 09/27/18 11:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 10:24	630-20-6	
1,1,1-Trichloroethane	11.0	ug/L	1.0	0.24	1		10/05/18 10:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:24	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 10:24	79-00-5	
1,1-Dichloroethane	36.2	ug/L	1.0	0.27	1		10/05/18 10:24	75-34-3	
1,1-Dichloroethene	0.36J	ug/L	1.0	0.24	1		10/05/18 10:24	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 10:24	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 10:24	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 10:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 10:24	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 10:24	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 10:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 10:24	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:24	95-50-1	
1,2-Dichloroethane	0.30J	ug/L	1.0	0.28	1		10/05/18 10:24	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:24	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 10:24	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 10:24	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 10:24	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 10:24	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 10:24	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 10:24	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 10:24	106-43-4	
Benzene	0.71J	ug/L	1.0	0.25	1		10/05/18 10:24	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 10:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 10:24	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 10:24	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 10:24	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 10:24	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 10:24	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:24	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 10:24	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 10:24	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 10:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 10:24	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 10:24	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 10:24	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 10:24	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 10:24	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:24	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 10:24	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 10:24	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 10:24	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:24	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 10:24	100-42-5	
Tetrachloroethene	1.9	ug/L	1.1	0.33	1		10/05/18 10:24	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-5 **Lab ID: 40176970006** Collected: 09/27/18 11:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 10:24	108-88-3	
Trichloroethene	163	ug/L	1.0	0.26	1		10/05/18 10:24	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 10:24	75-69-4	
Vinyl chloride	5.3	ug/L	1.0	0.17	1		10/05/18 10:24	75-01-4	
cis-1,2-Dichloroethene	14.2	ug/L	1.0	0.27	1		10/05/18 10:24	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 10:24	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 10:24	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:24	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 10:24	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 10:24	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 10:24	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 10:24	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 10:24	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 10:24	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 10:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/05/18 10:24	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/05/18 10:24	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/05/18 10:24	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-6 Lab ID: 40176970007 Collected: 09/27/18 11:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 10:47	630-20-6	
1,1,1-Trichloroethane	0.90J	ug/L	1.0	0.24	1		10/05/18 10:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:47	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 10:47	79-00-5	
1,1-Dichloroethane	10.4	ug/L	1.0	0.27	1		10/05/18 10:47	75-34-3	
1,1-Dichloroethene	0.52J	ug/L	1.0	0.24	1		10/05/18 10:47	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 10:47	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 10:47	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 10:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 10:47	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 10:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 10:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 10:47	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:47	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:47	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 10:47	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 10:47	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 10:47	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 10:47	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 10:47	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 10:47	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 10:47	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 10:47	106-43-4	
Benzene	2.4	ug/L	1.0	0.25	1		10/05/18 10:47	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 10:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 10:47	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 10:47	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 10:47	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 10:47	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 10:47	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:47	108-90-7	
Chloroethane	30.8	ug/L	5.0	1.3	1		10/05/18 10:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 10:47	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 10:47	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 10:47	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 10:47	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 10:47	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 10:47	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 10:47	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:47	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 10:47	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 10:47	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 10:47	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 10:47	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 10:47	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 10:47	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-6 **Lab ID: 40176970007** Collected: 09/27/18 11:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 10:47	108-88-3	
Trichloroethene	11.6	ug/L	1.0	0.26	1		10/05/18 10:47	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 10:47	75-69-4	
Vinyl chloride	7.2	ug/L	1.0	0.17	1		10/05/18 10:47	75-01-4	
cis-1,2-Dichloroethene	50.9	ug/L	1.0	0.27	1		10/05/18 10:47	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 10:47	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 10:47	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 10:47	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 10:47	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 10:47	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 10:47	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 10:47	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 10:47	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 10:47	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 10:47	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/05/18 10:47	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/05/18 10:47	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/05/18 10:47	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-7 **Lab ID: 40176970008** Collected: 09/27/18 13:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<269	ug/L	1000	269	1000		10/05/18 14:35	630-20-6	
1,1,1-Trichloroethane	<245	ug/L	1000	245	1000		10/05/18 14:35	71-55-6	
1,1,2,2-Tetrachloroethane	<275	ug/L	1000	275	1000		10/05/18 14:35	79-34-5	
1,1,2-Trichloroethane	<552	ug/L	5000	552	1000		10/05/18 14:35	79-00-5	
1,1-Dichloroethane	10400	ug/L	1000	273	1000		10/05/18 14:35	75-34-3	
1,1-Dichloroethene	292J	ug/L	1000	245	1000		10/05/18 14:35	75-35-4	
1,1-Dichloropropene	<540	ug/L	1800	540	1000		10/05/18 14:35	563-58-6	
1,2,3-Trichlorobenzene	<626	ug/L	5000	626	1000		10/05/18 14:35	87-61-6	
1,2,3-Trichloropropane	<591	ug/L	5000	591	1000		10/05/18 14:35	96-18-4	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		10/05/18 14:35	120-82-1	
1,2,4-Trimethylbenzene	<841	ug/L	2800	841	1000		10/05/18 14:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1760	ug/L	5880	1760	1000		10/05/18 14:35	96-12-8	
1,2-Dibromoethane (EDB)	<829	ug/L	2760	829	1000		10/05/18 14:35	106-93-4	
1,2-Dichlorobenzene	<705	ug/L	2350	705	1000		10/05/18 14:35	95-50-1	
1,2-Dichloroethane	289J	ug/L	1000	280	1000		10/05/18 14:35	107-06-2	
1,2-Dichloropropane	<283	ug/L	1000	283	1000		10/05/18 14:35	78-87-5	
1,3,5-Trimethylbenzene	<873	ug/L	2910	873	1000		10/05/18 14:35	108-67-8	
1,3-Dichlorobenzene	<628	ug/L	2090	628	1000		10/05/18 14:35	541-73-1	
1,3-Dichloropropane	<826	ug/L	2750	826	1000		10/05/18 14:35	142-28-9	
1,4-Dichlorobenzene	<944	ug/L	3150	944	1000		10/05/18 14:35	106-46-7	
2,2-Dichloropropane	<2270	ug/L	7550	2270	1000		10/05/18 14:35	594-20-7	
2-Chlorotoluene	<926	ug/L	5000	926	1000		10/05/18 14:35	95-49-8	
4-Chlorotoluene	<756	ug/L	2520	756	1000		10/05/18 14:35	106-43-4	
Benzene	<246	ug/L	1000	246	1000		10/05/18 14:35	71-43-2	
Bromobenzene	<241	ug/L	1000	241	1000		10/05/18 14:35	108-86-1	
Bromochloromethane	<362	ug/L	5000	362	1000		10/05/18 14:35	74-97-5	
Bromodichloromethane	<364	ug/L	1210	364	1000		10/05/18 14:35	75-27-4	
Bromoform	<3970	ug/L	13200	3970	1000		10/05/18 14:35	75-25-2	
Bromomethane	<971	ug/L	5000	971	1000		10/05/18 14:35	74-83-9	
Carbon tetrachloride	<166	ug/L	1000	166	1000		10/05/18 14:35	56-23-5	
Chlorobenzene	<711	ug/L	2370	711	1000		10/05/18 14:35	108-90-7	
Chloroethane	<1340	ug/L	5000	1340	1000		10/05/18 14:35	75-00-3	
Chloroform	<1270	ug/L	5000	1270	1000		10/05/18 14:35	67-66-3	
Chloromethane	<2190	ug/L	7300	2190	1000		10/05/18 14:35	74-87-3	
Dibromochloromethane	<2600	ug/L	8670	2600	1000		10/05/18 14:35	124-48-1	
Dibromomethane	<937	ug/L	3120	937	1000		10/05/18 14:35	74-95-3	
Dichlorodifluoromethane	<500	ug/L	5000	500	1000		10/05/18 14:35	75-71-8	
Diisopropyl ether	<1890	ug/L	6290	1890	1000		10/05/18 14:35	108-20-3	
Ethylbenzene	<218	ug/L	1000	218	1000		10/05/18 14:35	100-41-4	
Hexachloro-1,3-butadiene	<1180	ug/L	5000	1180	1000		10/05/18 14:35	87-68-3	
Isopropylbenzene (Cumene)	<393	ug/L	5000	393	1000		10/05/18 14:35	98-82-8	
Methyl-tert-butyl ether	<1250	ug/L	4150	1250	1000		10/05/18 14:35	1634-04-4	
Methylene Chloride	<581	ug/L	5000	581	1000		10/05/18 14:35	75-09-2	
Naphthalene	<1180	ug/L	5000	1180	1000		10/05/18 14:35	91-20-3	
Styrene	<465	ug/L	1550	465	1000		10/05/18 14:35	100-42-5	
Tetrachloroethene	<326	ug/L	1090	326	1000		10/05/18 14:35	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-7 **Lab ID: 40176970008** Collected: 09/27/18 13:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	966J	ug/L	5000	172	1000		10/05/18 14:35	108-88-3	
Trichloroethene	<255	ug/L	1000	255	1000		10/05/18 14:35	79-01-6	
Trichlorofluoromethane	<215	ug/L	1000	215	1000		10/05/18 14:35	75-69-4	
Vinyl chloride	36800	ug/L	1000	175	1000		10/05/18 14:35	75-01-4	
cis-1,2-Dichloroethene	85700	ug/L	1000	271	1000		10/05/18 14:35	156-59-2	
cis-1,3-Dichloropropene	<3630	ug/L	12100	3630	1000		10/05/18 14:35	10061-01-5	
m&p-Xylene	<465	ug/L	2000	465	1000		10/05/18 14:35	179601-23-1	
n-Butylbenzene	<708	ug/L	2360	708	1000		10/05/18 14:35	104-51-8	
n-Propylbenzene	<811	ug/L	5000	811	1000		10/05/18 14:35	103-65-1	
o-Xylene	<262	ug/L	1000	262	1000		10/05/18 14:35	95-47-6	
p-Isopropyltoluene	<800	ug/L	2670	800	1000		10/05/18 14:35	99-87-6	
sec-Butylbenzene	<849	ug/L	5000	849	1000		10/05/18 14:35	135-98-8	
tert-Butylbenzene	<304	ug/L	1010	304	1000		10/05/18 14:35	98-06-6	
trans-1,2-Dichloroethene	<1090	ug/L	3640	1090	1000		10/05/18 14:35	156-60-5	
trans-1,3-Dichloropropene	<4370	ug/L	14600	4370	1000		10/05/18 14:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1000		10/05/18 14:35	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1000		10/05/18 14:35	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1000		10/05/18 14:35	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-8 **Lab ID: 40176970009** Collected: 09/27/18 13:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 11:10	630-20-6	
1,1,1-Trichloroethane	60.7	ug/L	1.0	0.24	1		10/05/18 11:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 11:10	79-34-5	
1,1,2-Trichloroethane	1.2J	ug/L	5.0	0.55	1		10/05/18 11:10	79-00-5	
1,1-Dichloroethane	164	ug/L	1.0	0.27	1		10/05/18 11:10	75-34-3	
1,1-Dichloroethene	8.6	ug/L	1.0	0.24	1		10/05/18 11:10	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 11:10	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 11:10	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 11:10	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 11:10	120-82-1	
1,2,4-Trimethylbenzene	47.9	ug/L	2.8	0.84	1		10/05/18 11:10	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 11:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 11:10	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 11:10	95-50-1	
1,2-Dichloroethane	3.8	ug/L	1.0	0.28	1		10/05/18 11:10	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 11:10	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 11:10	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 11:10	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 11:10	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 11:10	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 11:10	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 11:10	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 11:10	106-43-4	
Benzene	0.43J	ug/L	1.0	0.25	1		10/05/18 11:10	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 11:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 11:10	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 11:10	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 11:10	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 11:10	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 11:10	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 11:10	108-90-7	
Chloroethane	6.4	ug/L	5.0	1.3	1		10/05/18 11:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 11:10	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 11:10	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 11:10	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 11:10	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 11:10	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 11:10	108-20-3	
Ethylbenzene	7.2	ug/L	1.0	0.22	1		10/05/18 11:10	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 11:10	87-68-3	
Isopropylbenzene (Cumene)	17.7	ug/L	5.0	0.39	1		10/05/18 11:10	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 11:10	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 11:10	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 11:10	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 11:10	100-42-5	
Tetrachloroethene	0.65J	ug/L	1.1	0.33	1		10/05/18 11:10	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-8 **Lab ID: 40176970009** Collected: 09/27/18 13:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	0.87J	ug/L	5.0	0.17	1		10/05/18 11:10	108-88-3	
Trichloroethene	15.8	ug/L	1.0	0.26	1		10/05/18 11:10	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 11:10	75-69-4	
Vinyl chloride	386	ug/L	10.0	1.7	10		10/05/18 17:39	75-01-4	
cis-1,2-Dichloroethene	905	ug/L	10.0	2.7	10		10/05/18 17:39	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 11:10	10061-01-5	
m&p-Xylene	3.7	ug/L	2.0	0.47	1		10/05/18 11:10	179601-23-1	
n-Butylbenzene	9.0	ug/L	2.4	0.71	1		10/05/18 11:10	104-51-8	
n-Propylbenzene	30.1	ug/L	5.0	0.81	1		10/05/18 11:10	103-65-1	
o-Xylene	1.3	ug/L	1.0	0.26	1		10/05/18 11:10	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 11:10	99-87-6	
sec-Butylbenzene	29.2	ug/L	5.0	0.85	1		10/05/18 11:10	135-98-8	
tert-Butylbenzene	1.3	ug/L	1.0	0.30	1		10/05/18 11:10	98-06-6	
trans-1,2-Dichloroethene	23.8	ug/L	3.6	1.1	1		10/05/18 11:10	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 11:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/05/18 11:10	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/05/18 11:10	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/05/18 11:10	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-8 **Lab ID: 40176970010** Collected: 09/27/18 12:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<10.8	ug/L	40.0	10.8	40		10/08/18 08:21	630-20-6	
1,1,1-Trichloroethane	48.2	ug/L	40.0	9.8	40		10/08/18 08:21	71-55-6	
1,1,2,2-Tetrachloroethane	<11.0	ug/L	40.0	11.0	40		10/08/18 08:21	79-34-5	
1,1,2-Trichloroethane	<22.1	ug/L	200	22.1	40		10/08/18 08:21	79-00-5	
1,1-Dichloroethane	814	ug/L	40.0	10.9	40		10/08/18 08:21	75-34-3	
1,1-Dichloroethene	15.5J	ug/L	40.0	9.8	40		10/08/18 08:21	75-35-4	
1,1-Dichloropropene	<21.6	ug/L	72.0	21.6	40		10/08/18 08:21	563-58-6	
1,2,3-Trichlorobenzene	<25.0	ug/L	200	25.0	40		10/08/18 08:21	87-61-6	
1,2,3-Trichloropropane	<23.6	ug/L	200	23.6	40		10/08/18 08:21	96-18-4	
1,2,4-Trichlorobenzene	<38.1	ug/L	200	38.1	40		10/08/18 08:21	120-82-1	
1,2,4-Trimethylbenzene	1020	ug/L	112	33.6	40		10/08/18 08:21	95-63-6	
1,2-Dibromo-3-chloropropane	<70.5	ug/L	235	70.5	40		10/08/18 08:21	96-12-8	
1,2-Dibromoethane (EDB)	<33.2	ug/L	111	33.2	40		10/08/18 08:21	106-93-4	
1,2-Dichlorobenzene	<28.2	ug/L	94.0	28.2	40		10/08/18 08:21	95-50-1	
1,2-Dichloroethane	88.0	ug/L	40.0	11.2	40		10/08/18 08:21	107-06-2	
1,2-Dichloropropane	<11.3	ug/L	40.0	11.3	40		10/08/18 08:21	78-87-5	
1,3,5-Trimethylbenzene	233	ug/L	116	34.9	40		10/08/18 08:21	108-67-8	
1,3-Dichlorobenzene	<25.1	ug/L	83.7	25.1	40		10/08/18 08:21	541-73-1	
1,3-Dichloropropane	<33.0	ug/L	110	33.0	40		10/08/18 08:21	142-28-9	
1,4-Dichlorobenzene	<37.7	ug/L	126	37.7	40		10/08/18 08:21	106-46-7	
2,2-Dichloropropane	<90.6	ug/L	302	90.6	40		10/08/18 08:21	594-20-7	
2-Chlorotoluene	<37.0	ug/L	200	37.0	40		10/08/18 08:21	95-49-8	
4-Chlorotoluene	<30.3	ug/L	101	30.3	40		10/08/18 08:21	106-43-4	
Benzene	11.4J	ug/L	40.0	9.9	40		10/08/18 08:21	71-43-2	
Bromobenzene	<9.6	ug/L	40.0	9.6	40		10/08/18 08:21	108-86-1	
Bromochloromethane	<14.5	ug/L	200	14.5	40		10/08/18 08:21	74-97-5	
Bromodichloromethane	<14.5	ug/L	48.5	14.5	40		10/08/18 08:21	75-27-4	
Bromoform	<159	ug/L	530	159	40		10/08/18 08:21	75-25-2	
Bromomethane	<38.9	ug/L	200	38.9	40		10/08/18 08:21	74-83-9	
Carbon tetrachloride	<6.6	ug/L	40.0	6.6	40		10/08/18 08:21	56-23-5	
Chlorobenzene	<28.4	ug/L	94.8	28.4	40		10/08/18 08:21	108-90-7	
Chloroethane	573	ug/L	200	53.7	40		10/08/18 08:21	75-00-3	
Chloroform	<51.0	ug/L	200	51.0	40		10/08/18 08:21	67-66-3	
Chloromethane	156J	ug/L	292	87.6	40		10/08/18 08:21	74-87-3	
Dibromochloromethane	<104	ug/L	347	104	40		10/08/18 08:21	124-48-1	
Dibromomethane	<37.5	ug/L	125	37.5	40		10/08/18 08:21	74-95-3	
Dichlorodifluoromethane	<20.0	ug/L	200	20.0	40		10/08/18 08:21	75-71-8	
Diisopropyl ether	<75.5	ug/L	252	75.5	40		10/08/18 08:21	108-20-3	
Ethylbenzene	1020	ug/L	40.0	8.7	40		10/08/18 08:21	100-41-4	
Hexachloro-1,3-butadiene	<47.3	ug/L	200	47.3	40		10/08/18 08:21	87-68-3	
Isopropylbenzene (Cumene)	49.4J	ug/L	200	15.7	40		10/08/18 08:21	98-82-8	
Methyl-tert-butyl ether	<49.8	ug/L	166	49.8	40		10/08/18 08:21	1634-04-4	
Methylene Chloride	<23.2	ug/L	200	23.2	40		10/08/18 08:21	75-09-2	
Naphthalene	81.2J	ug/L	200	47.0	40		10/08/18 08:21	91-20-3	
Styrene	<18.6	ug/L	62.1	18.6	40		10/08/18 08:21	100-42-5	
Tetrachloroethene	<13.1	ug/L	43.5	13.1	40		10/08/18 08:21	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: PMW-8 **Lab ID: 40176970010** Collected: 09/27/18 12:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	836	ug/L	200	6.9	40		10/08/18 08:21	108-88-3	
Trichloroethene	<10.2	ug/L	40.0	10.2	40		10/08/18 08:21	79-01-6	
Trichlorofluoromethane	<8.6	ug/L	40.0	8.6	40		10/08/18 08:21	75-69-4	
Vinyl chloride	3630	ug/L	40.0	7.0	40		10/08/18 08:21	75-01-4	
cis-1,2-Dichloroethene	2460	ug/L	40.0	10.8	40		10/08/18 08:21	156-59-2	
cis-1,3-Dichloropropene	<145	ug/L	484	145	40		10/08/18 08:21	10061-01-5	
m&p-Xylene	3760	ug/L	80.0	18.6	40		10/08/18 08:21	179601-23-1	
n-Butylbenzene	<28.3	ug/L	94.4	28.3	40		10/08/18 08:21	104-51-8	
n-Propylbenzene	86.0J	ug/L	200	32.4	40		10/08/18 08:21	103-65-1	
o-Xylene	1140	ug/L	40.0	10.5	40		10/08/18 08:21	95-47-6	
p-Isopropyltoluene	57.8J	ug/L	107	32.0	40		10/08/18 08:21	99-87-6	
sec-Butylbenzene	<33.9	ug/L	200	33.9	40		10/08/18 08:21	135-98-8	
tert-Butylbenzene	<12.2	ug/L	40.5	12.2	40		10/08/18 08:21	98-06-6	
trans-1,2-Dichloroethene	80.7J	ug/L	145	43.6	40		10/08/18 08:21	156-60-5	
trans-1,3-Dichloropropene	<175	ug/L	583	175	40		10/08/18 08:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		40		10/08/18 08:21	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		40		10/08/18 08:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		40		10/08/18 08:21	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-9 Lab ID: 40176970011 Collected: 09/27/18 10:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 08:53	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 08:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 08:53	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 08:53	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 08:53	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 08:53	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 08:53	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 08:53	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 08:53	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 08:53	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 08:53	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 08:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 08:53	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 08:53	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 08:53	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 08:53	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 08:53	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 08:53	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 08:53	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 08:53	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 08:53	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 08:53	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 08:53	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 08:53	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 08:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 08:53	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 08:53	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 08:53	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 08:53	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 08:53	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 08:53	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 08:53	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 08:53	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 08:53	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 08:53	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 08:53	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 08:53	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 08:53	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 08:53	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 08:53	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 08:53	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 08:53	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 08:53	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 08:53	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 08:53	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 08:53	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-9 **Lab ID: 40176970011** Collected: 09/27/18 10:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 08:53	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/05/18 08:53	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 08:53	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/18 08:53	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/05/18 08:53	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 08:53	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 08:53	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 08:53	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 08:53	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 08:53	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 08:53	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 08:53	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 08:53	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 08:53	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 08:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/05/18 08:53	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/05/18 08:53	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/05/18 08:53	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-14 **Lab ID:** 40176970012 Collected: 09/27/18 14:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 16:53	630-20-6	
1,1,1-Trichloroethane	14.3	ug/L	1.0	0.24	1		10/05/18 16:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 16:53	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 16:53	79-00-5	
1,1-Dichloroethane	9.6	ug/L	1.0	0.27	1		10/05/18 16:53	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 16:53	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 16:53	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 16:53	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 16:53	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 16:53	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 16:53	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 16:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 16:53	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 16:53	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 16:53	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 16:53	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 16:53	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 16:53	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 16:53	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 16:53	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 16:53	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 16:53	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 16:53	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		10/05/18 16:53	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 16:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 16:53	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 16:53	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 16:53	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 16:53	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 16:53	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 16:53	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/05/18 16:53	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 16:53	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 16:53	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 16:53	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 16:53	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 16:53	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 16:53	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/05/18 16:53	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 16:53	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/05/18 16:53	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 16:53	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 16:53	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 16:53	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 16:53	100-42-5	
Tetrachloroethene	0.97J	ug/L	1.1	0.33	1		10/05/18 16:53	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-14 **Lab ID: 40176970012** Collected: 09/27/18 14:00 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 16:53	108-88-3	
Trichloroethene	52.5	ug/L	1.0	0.26	1		10/05/18 16:53	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 16:53	75-69-4	
Vinyl chloride	1.5	ug/L	1.0	0.17	1		10/05/18 16:53	75-01-4	
cis-1,2-Dichloroethene	8.7	ug/L	1.0	0.27	1		10/05/18 16:53	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 16:53	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 16:53	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 16:53	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 16:53	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 16:53	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 16:53	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 16:53	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 16:53	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 16:53	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 16:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/05/18 16:53	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/05/18 16:53	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/05/18 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-15 **Lab ID: 40176970013** Collected: 09/27/18 14:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/08/18 07:36	630-20-6	
1,1,1-Trichloroethane	0.81J	ug/L	1.0	0.24	1		10/08/18 07:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/08/18 07:36	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/08/18 07:36	79-00-5	
1,1-Dichloroethane	1.1	ug/L	1.0	0.27	1		10/08/18 07:36	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/08/18 07:36	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/08/18 07:36	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/08/18 07:36	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/08/18 07:36	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/08/18 07:36	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/08/18 07:36	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/08/18 07:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/08/18 07:36	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:36	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/08/18 07:36	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/08/18 07:36	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/08/18 07:36	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/08/18 07:36	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/08/18 07:36	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/08/18 07:36	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/08/18 07:36	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/08/18 07:36	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/08/18 07:36	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		10/08/18 07:36	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/08/18 07:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/08/18 07:36	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/08/18 07:36	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/08/18 07:36	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/08/18 07:36	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/08/18 07:36	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:36	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/08/18 07:36	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/18 07:36	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/08/18 07:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/08/18 07:36	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/08/18 07:36	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/08/18 07:36	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/08/18 07:36	108-20-3	
Ethylbenzene	0.40J	ug/L	1.0	0.22	1		10/08/18 07:36	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/08/18 07:36	87-68-3	
Isopropylbenzene (Cumene)	0.42J	ug/L	5.0	0.39	1		10/08/18 07:36	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/08/18 07:36	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/08/18 07:36	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/08/18 07:36	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/08/18 07:36	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/08/18 07:36	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-15 **Lab ID: 40176970013** Collected: 09/27/18 14:30 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		10/08/18 07:36	108-88-3	
Trichloroethene	3.0	ug/L	1.0	0.26	1		10/08/18 07:36	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/08/18 07:36	75-69-4	
Vinyl chloride	0.18J	ug/L	1.0	0.17	1		10/08/18 07:36	75-01-4	
cis-1,2-Dichloroethene	0.92J	ug/L	1.0	0.27	1		10/08/18 07:36	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/08/18 07:36	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/08/18 07:36	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:36	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/08/18 07:36	103-65-1	
o-Xylene	5.8	ug/L	1.0	0.26	1		10/08/18 07:36	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/08/18 07:36	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/08/18 07:36	135-98-8	
tert-Butylbenzene	0.40J	ug/L	1.0	0.30	1		10/08/18 07:36	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/08/18 07:36	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/08/18 07:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/08/18 07:36	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/08/18 07:36	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/08/18 07:36	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-16 Lab ID: 40176970014 Collected: 09/27/18 12:10 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/08/18 07:59	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/08/18 07:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/08/18 07:59	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/08/18 07:59	79-00-5	
1,1-Dichloroethane	28.5	ug/L	1.0	0.27	1		10/08/18 07:59	75-34-3	
1,1-Dichloroethene	0.64J	ug/L	1.0	0.24	1		10/08/18 07:59	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/08/18 07:59	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/08/18 07:59	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/08/18 07:59	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/08/18 07:59	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/08/18 07:59	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/08/18 07:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/08/18 07:59	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:59	95-50-1	
1,2-Dichloroethane	5.2	ug/L	1.0	0.28	1		10/08/18 07:59	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/08/18 07:59	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/08/18 07:59	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/08/18 07:59	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/08/18 07:59	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/08/18 07:59	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/08/18 07:59	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/08/18 07:59	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/08/18 07:59	106-43-4	
Benzene	0.28J	ug/L	1.0	0.25	1		10/08/18 07:59	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/08/18 07:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/08/18 07:59	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/08/18 07:59	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/08/18 07:59	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/08/18 07:59	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/08/18 07:59	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:59	108-90-7	
Chloroethane	34.3	ug/L	5.0	1.3	1		10/08/18 07:59	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/18 07:59	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/08/18 07:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/08/18 07:59	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/08/18 07:59	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/08/18 07:59	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/08/18 07:59	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/08/18 07:59	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/08/18 07:59	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/08/18 07:59	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/08/18 07:59	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/08/18 07:59	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/08/18 07:59	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/08/18 07:59	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/08/18 07:59	127-18-4	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-16 **Lab ID: 40176970014** Collected: 09/27/18 12:10 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/08/18 07:59	108-88-3	
Trichloroethene	1.6	ug/L	1.0	0.26	1		10/08/18 07:59	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/08/18 07:59	75-69-4	
Vinyl chloride	83.6	ug/L	1.0	0.17	1		10/08/18 07:59	75-01-4	
cis-1,2-Dichloroethene	46.9	ug/L	1.0	0.27	1		10/08/18 07:59	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/08/18 07:59	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/08/18 07:59	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/08/18 07:59	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/08/18 07:59	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/08/18 07:59	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/08/18 07:59	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/08/18 07:59	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/08/18 07:59	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/08/18 07:59	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/08/18 07:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/08/18 07:59	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/08/18 07:59	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/08/18 07:59	2037-26-5	

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-17 Lab ID: 40176970015 Collected: 09/27/18 11:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/05/18 09:16	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/05/18 09:16	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/05/18 09:16	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/18 09:16	79-00-5	
1,1-Dichloroethane	9.1	ug/L	1.0	0.27	1		10/05/18 09:16	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/05/18 09:16	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/05/18 09:16	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/05/18 09:16	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/05/18 09:16	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/05/18 09:16	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/05/18 09:16	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/05/18 09:16	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/05/18 09:16	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:16	95-50-1	
1,2-Dichloroethane	1.2	ug/L	1.0	0.28	1		10/05/18 09:16	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/05/18 09:16	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/05/18 09:16	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/05/18 09:16	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/05/18 09:16	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/05/18 09:16	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/05/18 09:16	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/05/18 09:16	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/05/18 09:16	106-43-4	
Benzene	34.0	ug/L	1.0	0.25	1		10/05/18 09:16	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/05/18 09:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/05/18 09:16	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/05/18 09:16	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/05/18 09:16	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/05/18 09:16	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/05/18 09:16	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:16	108-90-7	
Chloroethane	54.0	ug/L	5.0	1.3	1		10/05/18 09:16	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/05/18 09:16	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/05/18 09:16	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/05/18 09:16	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/05/18 09:16	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/05/18 09:16	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/05/18 09:16	108-20-3	
Ethylbenzene	0.26J	ug/L	1.0	0.22	1		10/05/18 09:16	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/05/18 09:16	87-68-3	
Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	0.39	1		10/05/18 09:16	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/05/18 09:16	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/05/18 09:16	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/05/18 09:16	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		10/05/18 09:16	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/18 09:16	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF
Pace Project No.: 40176970

Sample: MW-17 **Lab ID: 40176970015** Collected: 09/27/18 11:45 Received: 10/03/18 15:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		10/05/18 09:16	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/05/18 09:16	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/05/18 09:16	75-69-4	
Vinyl chloride	12.6	ug/L	1.0	0.17	1		10/05/18 09:16	75-01-4	
cis-1,2-Dichloroethene	2.2	ug/L	1.0	0.27	1		10/05/18 09:16	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/05/18 09:16	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/05/18 09:16	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/05/18 09:16	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/05/18 09:16	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/05/18 09:16	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/05/18 09:16	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/05/18 09:16	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/05/18 09:16	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/05/18 09:16	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/05/18 09:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/05/18 09:16	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		10/05/18 09:16	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/05/18 09:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40176970

QC Batch: 302184 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40176970001, 40176970002, 40176970003, 40176970004, 40176970005, 40176970006, 40176970007, 40176970008, 40176970009, 40176970010, 40176970011, 40176970012, 40176970013, 40176970014, 40176970015

METHOD BLANK: 1764806 Matrix: Water
Associated Lab Samples: 40176970001, 40176970002, 40176970003, 40176970004, 40176970005, 40176970006, 40176970007, 40176970008, 40176970009, 40176970010, 40176970011, 40176970012, 40176970013, 40176970014, 40176970015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/04/18 14:41	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/04/18 14:41	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/04/18 14:41	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/04/18 14:41	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/04/18 14:41	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/04/18 14:41	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/04/18 14:41	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/04/18 14:41	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/04/18 14:41	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/04/18 14:41	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/04/18 14:41	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/04/18 14:41	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/04/18 14:41	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/04/18 14:41	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/04/18 14:41	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/04/18 14:41	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/04/18 14:41	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/04/18 14:41	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/04/18 14:41	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/04/18 14:41	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/04/18 14:41	
2-Chlorotoluene	ug/L	<0.93	5.0	10/04/18 14:41	
4-Chlorotoluene	ug/L	<0.76	2.5	10/04/18 14:41	
Benzene	ug/L	<0.25	1.0	10/04/18 14:41	
Bromobenzene	ug/L	<0.24	1.0	10/04/18 14:41	
Bromochloromethane	ug/L	<0.36	5.0	10/04/18 14:41	
Bromodichloromethane	ug/L	<0.36	1.2	10/04/18 14:41	
Bromoform	ug/L	<4.0	13.2	10/04/18 14:41	
Bromomethane	ug/L	<0.97	5.0	10/04/18 14:41	
Carbon tetrachloride	ug/L	<0.17	1.0	10/04/18 14:41	
Chlorobenzene	ug/L	<0.71	2.4	10/04/18 14:41	
Chloroethane	ug/L	<1.3	5.0	10/04/18 14:41	
Chloroform	ug/L	<1.3	5.0	10/04/18 14:41	
Chloromethane	ug/L	<2.2	7.3	10/04/18 14:41	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/04/18 14:41	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/04/18 14:41	
Dibromochloromethane	ug/L	<2.6	8.7	10/04/18 14:41	
Dibromomethane	ug/L	<0.94	3.1	10/04/18 14:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40176970

METHOD BLANK: 1764806

Matrix: Water

Associated Lab Samples: 40176970001, 40176970002, 40176970003, 40176970004, 40176970005, 40176970006, 40176970007, 40176970008, 40176970009, 40176970010, 40176970011, 40176970012, 40176970013, 40176970014, 40176970015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/04/18 14:41	
Diisopropyl ether	ug/L	<1.9	6.3	10/04/18 14:41	
Ethylbenzene	ug/L	<0.22	1.0	10/04/18 14:41	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/04/18 14:41	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/04/18 14:41	
m&p-Xylene	ug/L	<0.47	2.0	10/04/18 14:41	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/04/18 14:41	
Methylene Chloride	ug/L	<0.58	5.0	10/04/18 14:41	
n-Butylbenzene	ug/L	<0.71	2.4	10/04/18 14:41	
n-Propylbenzene	ug/L	<0.81	5.0	10/04/18 14:41	
Naphthalene	ug/L	<1.2	5.0	10/04/18 14:41	
o-Xylene	ug/L	<0.26	1.0	10/04/18 14:41	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/04/18 14:41	
sec-Butylbenzene	ug/L	<0.85	5.0	10/04/18 14:41	
Styrene	ug/L	<0.47	1.6	10/04/18 14:41	
tert-Butylbenzene	ug/L	<0.30	1.0	10/04/18 14:41	
Tetrachloroethene	ug/L	<0.33	1.1	10/04/18 14:41	
Toluene	ug/L	<0.17	5.0	10/04/18 14:41	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/04/18 14:41	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/04/18 14:41	
Trichloroethene	ug/L	<0.26	1.0	10/04/18 14:41	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/04/18 14:41	
Vinyl chloride	ug/L	<0.17	1.0	10/04/18 14:41	
4-Bromofluorobenzene (S)	%	92	70-130	10/04/18 14:41	
Dibromofluoromethane (S)	%	99	70-130	10/04/18 14:41	
Toluene-d8 (S)	%	99	70-130	10/04/18 14:41	

LABORATORY CONTROL SAMPLE: 1764807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.0	110	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	102	67-130	
1,1,2-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethane	ug/L	50	59.3	119	70-134	
1,1-Dichloroethene	ug/L	50	56.6	113	75-132	
1,2,4-Trichlorobenzene	ug/L	50	47.9	96	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.0	96	60-126	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	49.4	99	70-130	
1,2-Dichloroethane	ug/L	50	55.9	112	73-134	
1,2-Dichloropropane	ug/L	50	54.2	108	79-128	
1,3-Dichlorobenzene	ug/L	50	50.2	100	70-130	

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40176970

LABORATORY CONTROL SAMPLE: 1764807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	47.4	95	70-130	
Benzene	ug/L	50	55.6	111	69-137	
Bromodichloromethane	ug/L	50	52.6	105	70-130	
Bromoform	ug/L	50	51.4	103	64-133	
Bromomethane	ug/L	50	42.6	85	29-123	
Carbon tetrachloride	ug/L	50	56.3	113	73-142	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	58.8	118	59-133	
Chloroform	ug/L	50	53.6	107	80-129	
Chloromethane	ug/L	50	50.9	102	27-125	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-134	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	70-130	
Dibromochloromethane	ug/L	50	51.4	103	70-130	
Dichlorodifluoromethane	ug/L	50	48.5	97	12-127	
Ethylbenzene	ug/L	50	54.8	110	86-127	
Isopropylbenzene (Cumene)	ug/L	50	56.0	112	70-130	
m&p-Xylene	ug/L	100	109	109	70-131	
Methyl-tert-butyl ether	ug/L	50	53.3	107	65-136	
Methylene Chloride	ug/L	50	58.5	117	72-133	
o-Xylene	ug/L	50	54.8	110	70-130	
Styrene	ug/L	50	55.6	111	70-130	
Tetrachloroethene	ug/L	50	50.8	102	70-130	
Toluene	ug/L	50	52.5	105	84-124	
trans-1,2-Dichloroethene	ug/L	50	54.9	110	70-133	
trans-1,3-Dichloropropene	ug/L	50	47.9	96	67-130	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	61.0	122	69-147	
Vinyl chloride	ug/L	50	56.8	114	48-134	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1764882 1764883

Parameter	Units	40176970001		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/L	<0.24	50	50	54.2	54.2	108	108	70-136	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	51.7	53.2	103	106	67-133	3	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	53.5	54.3	107	109	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	58.9	58.9	118	118	70-139	0	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	55.9	55.5	112	111	72-137	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.1	48.5	95	96	68-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	49.6	51.2	99	102	60-130	3	21		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	53.5	55.0	107	110	70-130	3	20		

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QUALITY CONTROL DATA

Project: DF
Pace Project No.: 40176970

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1764882		1764883		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40176970001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.7	50.6	101	101	70-130	0	20	
1,2-Dichloroethane	ug/L	5.1	50	50	60.8	61.1	111	112	71-137	1	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	54.4	54.3	109	109	78-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.9	49.7	100	99	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.2	47.3	96	95	70-130	2	20	
Benzene	ug/L	<0.25	50	50	55.7	55.4	111	111	66-143	0	20	
Bromodichloromethane	ug/L	<0.36	50	50	52.1	52.9	104	106	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	51.6	54.4	103	109	64-134	5	20	
Bromomethane	ug/L	<0.97	50	50	47.3	48.3	95	97	29-136	2	25	
Carbon tetrachloride	ug/L	<0.17	50	50	55.8	55.6	112	111	73-142	0	20	
Chlorobenzene	ug/L	<0.71	50	50	54.4	54.3	109	109	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	57.2	57.2	114	114	58-138	0	20	
Chloroform	ug/L	<1.3	50	50	54.4	54.2	109	108	80-131	0	20	
Chloromethane	ug/L	<2.2	50	50	49.6	50.8	99	102	24-125	2	20	
cis-1,2-Dichloroethene	ug/L	0.43J	50	50	53.5	53.3	106	106	68-137	0	22	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.2	52.9	106	106	70-130	0	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.6	53.3	105	107	70-131	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	45.9	45.0	92	90	10-127	2	20	
Ethylbenzene	ug/L	<0.22	50	50	55.9	56.4	112	113	81-136	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	57.4	57.3	115	115	70-132	0	20	
m&p-Xylene	ug/L	<0.47	100	100	111	112	111	112	70-135	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	52.7	54.0	105	108	58-142	2	23	
Methylene Chloride	ug/L	<0.58	50	50	58.4	58.9	117	118	69-137	1	20	
o-Xylene	ug/L	<0.26	50	50	55.4	56.5	111	113	70-132	2	20	
Styrene	ug/L	<0.47	50	50	56.3	56.9	113	114	70-130	1	20	
Tetrachloroethene	ug/L	<0.33	50	50	52.2	52.4	104	105	70-132	1	20	
Toluene	ug/L	<0.17	50	50	55.1	55.3	110	111	81-130	0	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	56.2	56.2	112	112	70-136	0	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	48.4	48.8	97	98	67-130	1	20	
Trichloroethene	ug/L	<0.26	50	50	55.0	55.3	110	111	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	60.0	59.2	120	118	66-150	1	20	
Vinyl chloride	ug/L	1.1	50	50	56.8	56.5	111	111	46-134	1	20	
4-Bromofluorobenzene (S)	%						103	103	70-130			
Dibromofluoromethane (S)	%						100	101	70-130			
Toluene-d8 (S)	%						97	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: DF
Pace Project No.: 40176970

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF
Pace Project No.: 40176970

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40176970001	MW-1	EPA 8260	302184		
40176970002	MW-2	EPA 8260	302184		
40176970003	PMW-2	EPA 8260	302184		
40176970004	MW-3	EPA 8260	302184		
40176970005	MW-4	EPA 8260	302184		
40176970006	MW-5	EPA 8260	302184		
40176970007	MW-6	EPA 8260	302184		
40176970008	PMW-7	EPA 8260	302184		
40176970009	MW-8	EPA 8260	302184		
40176970010	PMW-8	EPA 8260	302184		
40176970011	MW-9	EPA 8260	302184		
40176970012	MW-14	EPA 8260	302184		
40176970013	MW-15	EPA 8260	302184		
40176970014	MW-16	EPA 8260	302184		
40176970015	MW-17	EPA 8260	302184		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: *LF green dev*
 Branch/Location: *Milwaukee*
 Project Contact: *LINDA J. Fellenz*
 Phone: *414 2544813*
 Project Number:
 Project Name: *DF*
 Project State: *WI*
 Sampled By (Print): *LINDA Fellenz*
 Sampled By (Sign): *[Signature]*
 PO #:



CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=D1 Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested
<i>Y</i>	<i>B</i>	<i>VOC</i>

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact: *LINDA Fellenz*
 Invoice To Company: *LF GREEN*
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<i>001</i>	<i>MW-1</i>	<i>9/27/14</i>	<i>8:30</i>	<i>Bl</i>
<i>002</i>	<i>MW-2</i>		<i>1:40</i>	
<i>003</i>	<i>PMW-2</i>		<i>1:50</i>	
<i>004</i>	<i>MW-3</i>		<i>12:30</i>	
<i>005</i>	<i>MW-4</i>		<i>11:55</i>	
<i>006</i>	<i>MW-5</i>		<i>11:00</i>	
<i>007</i>	<i>MW-6</i>		<i>11:00</i>	
<i>008</i>	<i>MW-7</i>			
<i>008</i>	<i>PMW-7</i>		<i>1:30</i>	
<i>009</i>	<i>MW-8</i>		<i>1:00</i>	
<i>010</i>	<i>PMW-8</i>		<i>12:45</i>	
<i>011</i>	<i>MW-9</i>		<i>10:45</i>	
<i>012</i>	<i>MW-10</i>		<i>2:00</i>	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:

Relinquished By: *[Signature]* Date/Time: *10/3/13 8:50*
 Received By: *[Signature]* Date/Time: *10/3/13 14:40*

Transmit Prelim Rush Results by (complete what you want):
 Relinquished By: *[Signature]* Date/Time: *10/3/13 15:45*
 Received By: *[Signature]* Date/Time: *10/3/13 15:15*

PACE Project No. *40176970*
 Receipt Temp = *ROT* °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

(Please Print Clearly)

Company Name: LR Green Dev
 Branch/Location: Milwaukee
 Project Contact: LINDA Fellenz
 Phone: 414254483
 Project Number:
 Project Name: DF
 Project State: WI
 Sampled By (Print): LINDA Fellenz
 Sampled By (Sign): [Signature]
 PO #:
 Regulatory Program: RR



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40176970

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analysis Requested
	<u>BK</u>	<u>VOC</u>
	<u>X</u>	
	<u>X</u>	
	<u>X</u>	

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact: LINDA Fellenz
 Invoice To Company: LR GREEN
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<u>013</u>	<u>MW-15</u>	<u>9/27/18</u>	<u>2:30</u>	<u>GW</u>
<u>014</u>	<u>MW-16</u>		<u>12:10</u>	
<u>015</u>	<u>MW-17</u>		<u>11:45</u>	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:
 Email #2:
 Telephone:
 Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: [Signature] Date/Time: 10/3/18 8:00
 Relinquished By: [Signature] Date/Time: 10/3/18 1545
 Relinquished By:
 Relinquished By:
 Relinquished By:

Received By: [Signature] Date/Time: 10/3/18 1440
 Received By: [Signature] Date/Time: 10/3/18 1545
 Received By: [Signature] Date/Time:
 Received By:
 Received By:

PACE Project No. 40176970
 Receipt Temp: ROI °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Client Name: L. F. Green Sample Preservation Receipt Form Project # 10176970

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):


Pace Lab #	Glass							Plastic							Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T								ZPLC	GN			
001																																				2.5 / 5 / 10
002																																				2.5 / 5 / 10
003																																				2.5 / 5 / 10
004																																				2.5 / 5 / 10
005																																				2.5 / 5 / 10
006																																				2.5 / 5 / 10
007																																				2.5 / 5 / 10
008																																				2.5 / 5 / 10
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	DG9A 40 mL amber ascorbic	JGFU 4 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP2N 500 mL plastic HNO3	DG9T 40 mL amber Na Thio	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH, Znact	VG9U 40 mL clear vial unpres	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3U 250 mL plastic unpres	VG9H 40 mL clear vial HCL	
AG5U 100 mL amber glass unpres	BP3C 250 mL plastic NaOH	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres	BP3S 250 mL plastic H2SO4		GN:

Sample Condition Upon Receipt Form (SCUR)

Client Name: L. F. Green
Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Project #: _____
WO#: 40176970

40176970

Tracking #: _____
Custody Seal on Cooler/Box Present: yes no **Seals intact:** yes no
Custody Seal on Samples Present: yes no **Seals intact:** yes no
Packing Material: Bubble Wrap Bubble Bags None Other _____
Thermometer Used SR - N/A **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature Uncorr: ROT **Corr:** _____

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no
Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 10-3-18
Initials: SKW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No pg#, Mail + invoice info 10-3-18 SKW</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11. <u>10/3/18 SKW</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>001 - time 1050; 006 - time 1544. 10-3-18 SKW</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 10/4/18
Page Page # of 24

July 02, 2019

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Milwaukee, WI 53223

RE: Project: DF ST. FRANCIS
Pace Project No.: 40190309

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 28, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kate Juno, LF Green Development



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40190309001	MW2	Water	06/26/19 13:15	06/28/19 09:00
40190309002	PMW2	Water	06/26/19 13:00	06/28/19 09:00
40190309003	MW3	Water	06/26/19 12:45	06/28/19 09:00
40190309004	MW4	Water	06/26/19 12:30	06/28/19 09:00
40190309005	PMW7	Water	06/26/19 12:15	06/28/19 09:00
40190309006	MW8	Water	06/26/19 12:00	06/28/19 09:00
40190309007	PMW8	Water	06/26/19 11:50	06/28/19 09:00
40190309008	MW16	Water	06/26/19 11:40	06/28/19 09:00
40190309009	MW17	Water	06/26/19 11:30	06/28/19 09:00
40190309010	MW18	Water	06/26/19 11:15	06/28/19 09:00
40190309011	DUPLICATE	Water	06/26/19 00:00	06/28/19 09:00
40190309012	TRIP BLANK	Water	06/26/19 00:00	06/28/19 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40190309001	MW2	EPA 8260	LAP	64	PASI-G
40190309002	PMW2	EPA 8260	LAP	64	PASI-G
40190309003	MW3	EPA 8260	LAP	64	PASI-G
40190309004	MW4	EPA 8260	LAP	64	PASI-G
40190309005	PMW7	EPA 8260	LAP	64	PASI-G
40190309006	MW8	EPA 8260	LAP	64	PASI-G
40190309007	PMW8	EPA 8260	LAP	64	PASI-G
40190309008	MW16	EPA 8260	LAP	64	PASI-G
40190309009	MW17	EPA 8260	LAP	64	PASI-G
40190309010	MW18	EPA 8260	LAP	64	PASI-G
40190309011	DUPLICATE	EPA 8260	LAP	64	PASI-G
40190309012	TRIP BLANK	EPA 8260	LAP	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS
Pace Project No.: 40190309

Sample: MW2 Lab ID: 40190309001 Collected: 06/26/19 13:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		07/01/19 23:05	630-20-6	
1,1,1-Trichloroethane	2000	ug/L	125	30.6	125		07/01/19 23:05	71-55-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		07/01/19 23:05	79-34-5	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		07/01/19 23:05	79-00-5	
1,1-Dichloroethane	2740	ug/L	125	34.1	125		07/01/19 23:05	75-34-3	
1,1-Dichloroethene	86.5J	ug/L	125	30.6	125		07/01/19 23:05	75-35-4	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		07/01/19 23:05	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/L	625	78.2	125		07/01/19 23:05	87-61-6	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		07/01/19 23:05	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		07/01/19 23:05	120-82-1	
1,2,4-Trimethylbenzene	<105	ug/L	350	105	125		07/01/19 23:05	95-63-6	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		07/01/19 23:05	96-12-8	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		07/01/19 23:05	106-93-4	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		07/01/19 23:05	95-50-1	
1,2-Dichloroethane	241	ug/L	125	35.0	125		07/01/19 23:05	107-06-2	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		07/01/19 23:05	78-87-5	
1,3,5-Trimethylbenzene	<109	ug/L	364	109	125		07/01/19 23:05	108-67-8	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		07/01/19 23:05	541-73-1	
1,3-Dichloropropane	<103	ug/L	344	103	125		07/01/19 23:05	142-28-9	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		07/01/19 23:05	106-46-7	
2,2-Dichloropropane	<283	ug/L	944	283	125		07/01/19 23:05	594-20-7	
2-Chlorotoluene	<116	ug/L	625	116	125		07/01/19 23:05	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		07/01/19 23:05	106-43-4	
Benzene	<30.8	ug/L	125	30.8	125		07/01/19 23:05	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		07/01/19 23:05	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		07/01/19 23:05	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		07/01/19 23:05	75-27-4	
Bromoform	<496	ug/L	1650	496	125		07/01/19 23:05	75-25-2	
Bromomethane	<121	ug/L	625	121	125		07/01/19 23:05	74-83-9	
Carbon tetrachloride	<20.7	ug/L	125	20.7	125		07/01/19 23:05	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		07/01/19 23:05	108-90-7	
Chloroethane	787	ug/L	625	168	125		07/01/19 23:05	75-00-3	
Chloroform	<159	ug/L	625	159	125		07/01/19 23:05	67-66-3	
Chloromethane	<274	ug/L	912	274	125		07/01/19 23:05	74-87-3	
Dibromochloromethane	<325	ug/L	1080	325	125		07/01/19 23:05	124-48-1	
Dibromomethane	<117	ug/L	390	117	125		07/01/19 23:05	74-95-3	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		07/01/19 23:05	75-71-8	
Diisopropyl ether	<236	ug/L	787	236	125		07/01/19 23:05	108-20-3	
Ethylbenzene	105J	ug/L	125	27.3	125		07/01/19 23:05	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/L	625	148	125		07/01/19 23:05	87-68-3	
Isopropylbenzene (Cumene)	<49.1	ug/L	625	49.1	125		07/01/19 23:05	98-82-8	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		07/01/19 23:05	1634-04-4	
Methylene Chloride	78.4J	ug/L	625	72.6	125		07/01/19 23:05	75-09-2	
Naphthalene	<147	ug/L	625	147	125		07/01/19 23:05	91-20-3	
Styrene	<58.2	ug/L	194	58.2	125		07/01/19 23:05	100-42-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		07/01/19 23:05	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW2 **Lab ID: 40190309001** Collected: 06/26/19 13:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	608J	ug/L	625	21.5	125		07/01/19 23:05	108-88-3	
Trichloroethene	85.3J	ug/L	125	31.9	125		07/01/19 23:05	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		07/01/19 23:05	75-69-4	
Vinyl chloride	7620	ug/L	125	21.8	125		07/01/19 23:05	75-01-4	
cis-1,2-Dichloroethene	30300	ug/L	125	33.9	125		07/01/19 23:05	156-59-2	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		07/01/19 23:05	10061-01-5	
m&p-Xylene	546	ug/L	250	58.2	125		07/01/19 23:05	179601-23-1	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		07/01/19 23:05	104-51-8	
n-Propylbenzene	<101	ug/L	625	101	125		07/01/19 23:05	103-65-1	
o-Xylene	300	ug/L	125	32.7	125		07/01/19 23:05	95-47-6	
p-Isopropyltoluene	<100	ug/L	333	100	125		07/01/19 23:05	99-87-6	
sec-Butylbenzene	<106	ug/L	625	106	125		07/01/19 23:05	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		07/01/19 23:05	98-06-6	
trans-1,2-Dichloroethene	<136	ug/L	454	136	125		07/01/19 23:05	156-60-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		07/01/19 23:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		125		07/01/19 23:05	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		125		07/01/19 23:05	1868-53-7	
Toluene-d8 (S)	99	%	70-130		125		07/01/19 23:05	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: **PMW2** Lab ID: **40190309002** Collected: 06/26/19 13:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		07/01/19 23:28	630-20-6	
1,1,1-Trichloroethane	7990	ug/L	125	30.6	125		07/01/19 23:28	71-55-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		07/01/19 23:28	79-34-5	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		07/01/19 23:28	79-00-5	
1,1-Dichloroethane	4880	ug/L	125	34.1	125		07/01/19 23:28	75-34-3	
1,1-Dichloroethene	180	ug/L	125	30.6	125		07/01/19 23:28	75-35-4	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		07/01/19 23:28	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/L	625	78.2	125		07/01/19 23:28	87-61-6	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		07/01/19 23:28	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		07/01/19 23:28	120-82-1	
1,2,4-Trimethylbenzene	269J	ug/L	350	105	125		07/01/19 23:28	95-63-6	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		07/01/19 23:28	96-12-8	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		07/01/19 23:28	106-93-4	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		07/01/19 23:28	95-50-1	
1,2-Dichloroethane	45.4J	ug/L	125	35.0	125		07/01/19 23:28	107-06-2	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		07/01/19 23:28	78-87-5	
1,3,5-Trimethylbenzene	<109	ug/L	364	109	125		07/01/19 23:28	108-67-8	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		07/01/19 23:28	541-73-1	
1,3-Dichloropropane	<103	ug/L	344	103	125		07/01/19 23:28	142-28-9	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		07/01/19 23:28	106-46-7	
2,2-Dichloropropane	<283	ug/L	944	283	125		07/01/19 23:28	594-20-7	
2-Chlorotoluene	<116	ug/L	625	116	125		07/01/19 23:28	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		07/01/19 23:28	106-43-4	
Benzene	<30.8	ug/L	125	30.8	125		07/01/19 23:28	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		07/01/19 23:28	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		07/01/19 23:28	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		07/01/19 23:28	75-27-4	
Bromoform	<496	ug/L	1650	496	125		07/01/19 23:28	75-25-2	
Bromomethane	<121	ug/L	625	121	125		07/01/19 23:28	74-83-9	
Carbon tetrachloride	<20.7	ug/L	125	20.7	125		07/01/19 23:28	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		07/01/19 23:28	108-90-7	
Chloroethane	799	ug/L	625	168	125		07/01/19 23:28	75-00-3	
Chloroform	<159	ug/L	625	159	125		07/01/19 23:28	67-66-3	
Chloromethane	<274	ug/L	912	274	125		07/01/19 23:28	74-87-3	
Dibromochloromethane	<325	ug/L	1080	325	125		07/01/19 23:28	124-48-1	
Dibromomethane	<117	ug/L	390	117	125		07/01/19 23:28	74-95-3	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		07/01/19 23:28	75-71-8	
Diisopropyl ether	<236	ug/L	787	236	125		07/01/19 23:28	108-20-3	
Ethylbenzene	742	ug/L	125	27.3	125		07/01/19 23:28	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/L	625	148	125		07/01/19 23:28	87-68-3	
Isopropylbenzene (Cumene)	<49.1	ug/L	625	49.1	125		07/01/19 23:28	98-82-8	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		07/01/19 23:28	1634-04-4	
Methylene Chloride	<72.6	ug/L	625	72.6	125		07/01/19 23:28	75-09-2	
Naphthalene	<147	ug/L	625	147	125		07/01/19 23:28	91-20-3	
Styrene	<58.2	ug/L	194	58.2	125		07/01/19 23:28	100-42-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		07/01/19 23:28	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: PMW2 **Lab ID: 40190309002** Collected: 06/26/19 13:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	4010	ug/L	625	21.5	125		07/01/19 23:28	108-88-3	
Trichloroethene	32.3J	ug/L	125	31.9	125		07/01/19 23:28	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		07/01/19 23:28	75-69-4	
Vinyl chloride	815	ug/L	125	21.8	125		07/01/19 23:28	75-01-4	
cis-1,2-Dichloroethene	28300	ug/L	125	33.9	125		07/01/19 23:28	156-59-2	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		07/01/19 23:28	10061-01-5	
m&p-Xylene	3240	ug/L	250	58.2	125		07/01/19 23:28	179601-23-1	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		07/01/19 23:28	104-51-8	
n-Propylbenzene	<101	ug/L	625	101	125		07/01/19 23:28	103-65-1	
o-Xylene	1140	ug/L	125	32.7	125		07/01/19 23:28	95-47-6	
p-Isopropyltoluene	<100	ug/L	333	100	125		07/01/19 23:28	99-87-6	
sec-Butylbenzene	<106	ug/L	625	106	125		07/01/19 23:28	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		07/01/19 23:28	98-06-6	
trans-1,2-Dichloroethene	267J	ug/L	454	136	125		07/01/19 23:28	156-60-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		07/01/19 23:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		125		07/01/19 23:28	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		125		07/01/19 23:28	1868-53-7	
Toluene-d8 (S)	99	%	70-130		125		07/01/19 23:28	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW3 **Lab ID: 40190309003** Collected: 06/26/19 12:45 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 06:50	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/02/19 06:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 06:50	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 06:50	79-00-5	
1,1-Dichloroethane	1.3	ug/L	1.0	0.27	1		07/02/19 06:50	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/02/19 06:50	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 06:50	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 06:50	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 06:50	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 06:50	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/02/19 06:50	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 06:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 06:50	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 06:50	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 06:50	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 06:50	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 06:50	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 06:50	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 06:50	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 06:50	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 06:50	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 06:50	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 06:50	106-43-4	
Benzene	0.42J	ug/L	1.0	0.25	1		07/02/19 06:50	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 06:50	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 06:50	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 06:50	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 06:50	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		07/02/19 06:50	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 06:50	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 06:50	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		07/02/19 06:50	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 06:50	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		07/02/19 06:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 06:50	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 06:50	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 06:50	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 06:50	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 06:50	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 06:50	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		07/02/19 06:50	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 06:50	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 06:50	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 06:50	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 06:50	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 06:50	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW3 **Lab ID: 40190309003** Collected: 06/26/19 12:45 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		07/02/19 06:50	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		07/02/19 06:50	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 06:50	75-69-4	
Vinyl chloride	19.5	ug/L	1.0	0.17	1		07/02/19 06:50	75-01-4	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.27	1		07/02/19 06:50	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 06:50	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/02/19 06:50	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 06:50	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		07/02/19 06:50	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 06:50	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 06:50	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		07/02/19 06:50	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		07/02/19 06:50	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 06:50	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 06:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/02/19 06:50	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		07/02/19 06:50	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		07/02/19 06:50	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW4 **Lab ID: 40190309004** Collected: 06/26/19 12:30 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 07:13	630-20-6	
1,1,1-Trichloroethane	2.1	ug/L	1.0	0.24	1		07/02/19 07:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:13	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 07:13	79-00-5	
1,1-Dichloroethane	12.8	ug/L	1.0	0.27	1		07/02/19 07:13	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:13	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 07:13	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 07:13	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 07:13	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 07:13	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/02/19 07:13	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 07:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 07:13	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:13	95-50-1	
1,2-Dichloroethane	1.5	ug/L	1.0	0.28	1		07/02/19 07:13	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:13	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 07:13	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 07:13	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 07:13	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 07:13	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 07:13	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 07:13	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 07:13	106-43-4	
Benzene	1.5	ug/L	1.0	0.25	1		07/02/19 07:13	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 07:13	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 07:13	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 07:13	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		07/02/19 07:13	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 07:13	56-23-5	
Chlorobenzene	3.2	ug/L	2.4	0.71	1		07/02/19 07:13	108-90-7	
Chloroethane	15.0	ug/L	5.0	1.3	1		07/02/19 07:13	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 07:13	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		07/02/19 07:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 07:13	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 07:13	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 07:13	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 07:13	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 07:13	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:13	87-68-3	
Isopropylbenzene (Cumene)	2.4J	ug/L	5.0	0.39	1		07/02/19 07:13	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 07:13	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 07:13	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:13	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 07:13	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 07:13	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW4 **Lab ID: 40190309004** Collected: 06/26/19 12:30 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		07/02/19 07:13	108-88-3	
Trichloroethene	0.58J	ug/L	1.0	0.26	1		07/02/19 07:13	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 07:13	75-69-4	
Vinyl chloride	13.8	ug/L	1.0	0.17	1		07/02/19 07:13	75-01-4	
cis-1,2-Dichloroethene	11.2	ug/L	1.0	0.27	1		07/02/19 07:13	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 07:13	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/02/19 07:13	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:13	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		07/02/19 07:13	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 07:13	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 07:13	99-87-6	
sec-Butylbenzene	1.2J	ug/L	5.0	0.85	1		07/02/19 07:13	135-98-8	
tert-Butylbenzene	0.45J	ug/L	1.0	0.30	1		07/02/19 07:13	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 07:13	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 07:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		07/02/19 07:13	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		07/02/19 07:13	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/02/19 07:13	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: **PMW7** Lab ID: **40190309005** Collected: 06/26/19 12:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<53.8	ug/L	200	53.8	200		07/02/19 00:13	630-20-6	
1,1,1-Trichloroethane	<49.0	ug/L	200	49.0	200		07/02/19 00:13	71-55-6	
1,1,2,2-Tetrachloroethane	<55.1	ug/L	200	55.1	200		07/02/19 00:13	79-34-5	
1,1,2-Trichloroethane	<110	ug/L	1000	110	200		07/02/19 00:13	79-00-5	
1,1-Dichloroethane	8080	ug/L	200	54.5	200		07/02/19 00:13	75-34-3	
1,1-Dichloroethene	155J	ug/L	200	49.0	200		07/02/19 00:13	75-35-4	
1,1-Dichloropropene	<108	ug/L	360	108	200		07/02/19 00:13	563-58-6	
1,2,3-Trichlorobenzene	<125	ug/L	1000	125	200		07/02/19 00:13	87-61-6	
1,2,3-Trichloropropane	<118	ug/L	1000	118	200		07/02/19 00:13	96-18-4	
1,2,4-Trichlorobenzene	<190	ug/L	1000	190	200		07/02/19 00:13	120-82-1	
1,2,4-Trimethylbenzene	<168	ug/L	560	168	200		07/02/19 00:13	95-63-6	
1,2-Dibromo-3-chloropropane	<353	ug/L	1180	353	200		07/02/19 00:13	96-12-8	
1,2-Dibromoethane (EDB)	<166	ug/L	553	166	200		07/02/19 00:13	106-93-4	
1,2-Dichlorobenzene	<141	ug/L	470	141	200		07/02/19 00:13	95-50-1	
1,2-Dichloroethane	139J	ug/L	200	56.0	200		07/02/19 00:13	107-06-2	
1,2-Dichloropropane	<56.6	ug/L	200	56.6	200		07/02/19 00:13	78-87-5	
1,3,5-Trimethylbenzene	<175	ug/L	582	175	200		07/02/19 00:13	108-67-8	
1,3-Dichlorobenzene	<126	ug/L	419	126	200		07/02/19 00:13	541-73-1	
1,3-Dichloropropane	<165	ug/L	551	165	200		07/02/19 00:13	142-28-9	
1,4-Dichlorobenzene	<189	ug/L	629	189	200		07/02/19 00:13	106-46-7	
2,2-Dichloropropane	<453	ug/L	1510	453	200		07/02/19 00:13	594-20-7	
2-Chlorotoluene	<185	ug/L	1000	185	200		07/02/19 00:13	95-49-8	
4-Chlorotoluene	<151	ug/L	504	151	200		07/02/19 00:13	106-43-4	
Benzene	99.5J	ug/L	200	49.3	200		07/02/19 00:13	71-43-2	
Bromobenzene	<48.2	ug/L	200	48.2	200		07/02/19 00:13	108-86-1	
Bromochloromethane	<72.4	ug/L	1000	72.4	200		07/02/19 00:13	74-97-5	
Bromodichloromethane	<72.7	ug/L	242	72.7	200		07/02/19 00:13	75-27-4	
Bromoform	<794	ug/L	2650	794	200		07/02/19 00:13	75-25-2	
Bromomethane	<194	ug/L	1000	194	200		07/02/19 00:13	74-83-9	
Carbon tetrachloride	<33.2	ug/L	200	33.2	200		07/02/19 00:13	56-23-5	
Chlorobenzene	<142	ug/L	474	142	200		07/02/19 00:13	108-90-7	
Chloroethane	858J	ug/L	1000	268	200		07/02/19 00:13	75-00-3	
Chloroform	<255	ug/L	1000	255	200		07/02/19 00:13	67-66-3	
Chloromethane	<438	ug/L	1460	438	200		07/02/19 00:13	74-87-3	
Dibromochloromethane	<520	ug/L	1730	520	200		07/02/19 00:13	124-48-1	
Dibromomethane	<187	ug/L	625	187	200		07/02/19 00:13	74-95-3	
Dichlorodifluoromethane	<99.9	ug/L	1000	99.9	200		07/02/19 00:13	75-71-8	
Diisopropyl ether	<378	ug/L	1260	378	200		07/02/19 00:13	108-20-3	
Ethylbenzene	89.6J	ug/L	200	43.6	200		07/02/19 00:13	100-41-4	
Hexachloro-1,3-butadiene	<236	ug/L	1000	236	200		07/02/19 00:13	87-68-3	
Isopropylbenzene (Cumene)	<78.6	ug/L	1000	78.6	200		07/02/19 00:13	98-82-8	
Methyl-tert-butyl ether	<249	ug/L	831	249	200		07/02/19 00:13	1634-04-4	
Methylene Chloride	<116	ug/L	1000	116	200		07/02/19 00:13	75-09-2	
Naphthalene	<235	ug/L	1000	235	200		07/02/19 00:13	91-20-3	
Styrene	<93.1	ug/L	310	93.1	200		07/02/19 00:13	100-42-5	
Tetrachloroethene	<65.3	ug/L	218	65.3	200		07/02/19 00:13	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: PMW7 **Lab ID: 40190309005** Collected: 06/26/19 12:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	639J	ug/L	1000	34.4	200		07/02/19 00:13	108-88-3	
Trichloroethene	<51.0	ug/L	200	51.0	200		07/02/19 00:13	79-01-6	
Trichlorofluoromethane	<43.0	ug/L	200	43.0	200		07/02/19 00:13	75-69-4	
Vinyl chloride	54600	ug/L	200	34.9	200		07/02/19 00:13	75-01-4	
cis-1,2-Dichloroethene	74600	ug/L	1000	271	1000		07/02/19 09:27	156-59-2	
cis-1,3-Dichloropropene	<726	ug/L	2420	726	200		07/02/19 00:13	10061-01-5	
m&p-Xylene	258J	ug/L	400	93.1	200		07/02/19 00:13	179601-23-1	
n-Butylbenzene	<142	ug/L	472	142	200		07/02/19 00:13	104-51-8	
n-Propylbenzene	<162	ug/L	1000	162	200		07/02/19 00:13	103-65-1	
o-Xylene	96.1J	ug/L	200	52.4	200		07/02/19 00:13	95-47-6	
p-Isopropyltoluene	<160	ug/L	533	160	200		07/02/19 00:13	99-87-6	
sec-Butylbenzene	<170	ug/L	1000	170	200		07/02/19 00:13	135-98-8	
tert-Butylbenzene	<60.8	ug/L	203	60.8	200		07/02/19 00:13	98-06-6	
trans-1,2-Dichloroethene	387J	ug/L	727	218	200		07/02/19 00:13	156-60-5	
trans-1,3-Dichloropropene	<874	ug/L	2910	874	200		07/02/19 00:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		200		07/02/19 00:13	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		200		07/02/19 00:13	1868-53-7	
Toluene-d8 (S)	98	%	70-130		200		07/02/19 00:13	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MWS **Lab ID: 40190309006** Collected: 06/26/19 12:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 00:58	630-20-6	
1,1,1-Trichloroethane	9.1	ug/L	1.0	0.24	1		07/02/19 00:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 00:58	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 00:58	79-00-5	
1,1-Dichloroethane	57.9	ug/L	1.0	0.27	1		07/02/19 00:58	75-34-3	
1,1-Dichloroethene	4.7	ug/L	1.0	0.24	1		07/02/19 00:58	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 00:58	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 00:58	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 00:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 00:58	120-82-1	
1,2,4-Trimethylbenzene	32.6	ug/L	2.8	0.84	1		07/02/19 00:58	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 00:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 00:58	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 00:58	95-50-1	
1,2-Dichloroethane	1.2	ug/L	1.0	0.28	1		07/02/19 00:58	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 00:58	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 00:58	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 00:58	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 00:58	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 00:58	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 00:58	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 00:58	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 00:58	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		07/02/19 00:58	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 00:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 00:58	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 00:58	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 00:58	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		07/02/19 00:58	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 00:58	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 00:58	108-90-7	
Chloroethane	2.8J	ug/L	5.0	1.3	1		07/02/19 00:58	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 00:58	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		07/02/19 00:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 00:58	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 00:58	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 00:58	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 00:58	108-20-3	
Ethylbenzene	12.6	ug/L	1.0	0.22	1		07/02/19 00:58	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 00:58	87-68-3	
Isopropylbenzene (Cumene)	29.3	ug/L	5.0	0.39	1		07/02/19 00:58	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 00:58	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 00:58	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 00:58	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 00:58	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 00:58	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW8 **Lab ID: 40190309006** Collected: 06/26/19 12:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	0.18J	ug/L	5.0	0.17	1		07/02/19 00:58	108-88-3	
Trichloroethene	13.2	ug/L	1.0	0.26	1		07/02/19 00:58	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 00:58	75-69-4	
Vinyl chloride	213	ug/L	1.0	0.17	1		07/02/19 00:58	75-01-4	
cis-1,2-Dichloroethene	165	ug/L	1.0	0.27	1		07/02/19 00:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 00:58	10061-01-5	
m&p-Xylene	6.0	ug/L	2.0	0.47	1		07/02/19 00:58	179601-23-1	
n-Butylbenzene	20.3	ug/L	2.4	0.71	1		07/02/19 00:58	104-51-8	
n-Propylbenzene	50.4	ug/L	5.0	0.81	1		07/02/19 00:58	103-65-1	
o-Xylene	1.2	ug/L	1.0	0.26	1		07/02/19 00:58	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 00:58	99-87-6	
sec-Butylbenzene	39.7	ug/L	5.0	0.85	1		07/02/19 00:58	135-98-8	
tert-Butylbenzene	2.3	ug/L	1.0	0.30	1		07/02/19 00:58	98-06-6	
trans-1,2-Dichloroethene	7.9	ug/L	3.6	1.1	1		07/02/19 00:58	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 00:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		07/02/19 00:58	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/02/19 00:58	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/02/19 00:58	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS
Pace Project No.: 40190309

Sample: PMW8 **Lab ID: 40190309007** Collected: 06/26/19 11:50 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<5.4	ug/L	20.0	5.4	20		07/02/19 09:05	630-20-6	
1,1,1-Trichloroethane	<4.9	ug/L	20.0	4.9	20		07/02/19 09:05	71-55-6	
1,1,2,2-Tetrachloroethane	<5.5	ug/L	20.0	5.5	20		07/02/19 09:05	79-34-5	
1,1,2-Trichloroethane	<11.0	ug/L	100	11.0	20		07/02/19 09:05	79-00-5	
1,1-Dichloroethane	658	ug/L	20.0	5.5	20		07/02/19 09:05	75-34-3	
1,1-Dichloroethene	9.3J	ug/L	20.0	4.9	20		07/02/19 09:05	75-35-4	
1,1-Dichloropropene	<10.8	ug/L	36.0	10.8	20		07/02/19 09:05	563-58-6	
1,2,3-Trichlorobenzene	<12.5	ug/L	100	12.5	20		07/02/19 09:05	87-61-6	
1,2,3-Trichloropropane	<11.8	ug/L	100	11.8	20		07/02/19 09:05	96-18-4	
1,2,4-Trichlorobenzene	<19.0	ug/L	100	19.0	20		07/02/19 09:05	120-82-1	
1,2,4-Trimethylbenzene	992	ug/L	56.0	16.8	20		07/02/19 09:05	95-63-6	
1,2-Dibromo-3-chloropropane	<35.3	ug/L	118	35.3	20		07/02/19 09:05	96-12-8	
1,2-Dibromoethane (EDB)	<16.6	ug/L	55.3	16.6	20		07/02/19 09:05	106-93-4	
1,2-Dichlorobenzene	<14.1	ug/L	47.0	14.1	20		07/02/19 09:05	95-50-1	
1,2-Dichloroethane	71.8	ug/L	20.0	5.6	20		07/02/19 09:05	107-06-2	
1,2-Dichloropropane	<5.7	ug/L	20.0	5.7	20		07/02/19 09:05	78-87-5	
1,3,5-Trimethylbenzene	233	ug/L	58.2	17.5	20		07/02/19 09:05	108-67-8	
1,3-Dichlorobenzene	<12.6	ug/L	41.9	12.6	20		07/02/19 09:05	541-73-1	
1,3-Dichloropropane	<16.5	ug/L	55.1	16.5	20		07/02/19 09:05	142-28-9	
1,4-Dichlorobenzene	<18.9	ug/L	62.9	18.9	20		07/02/19 09:05	106-46-7	
2,2-Dichloropropane	<45.3	ug/L	151	45.3	20		07/02/19 09:05	594-20-7	
2-Chlorotoluene	<18.5	ug/L	100	18.5	20		07/02/19 09:05	95-49-8	
4-Chlorotoluene	<15.1	ug/L	50.4	15.1	20		07/02/19 09:05	106-43-4	
Benzene	7.2J	ug/L	20.0	4.9	20		07/02/19 09:05	71-43-2	
Bromobenzene	<4.8	ug/L	20.0	4.8	20		07/02/19 09:05	108-86-1	
Bromochloromethane	<7.2	ug/L	100	7.2	20		07/02/19 09:05	74-97-5	
Bromodichloromethane	<7.3	ug/L	24.2	7.3	20		07/02/19 09:05	75-27-4	
Bromoform	<79.4	ug/L	265	79.4	20		07/02/19 09:05	75-25-2	
Bromomethane	<19.4	ug/L	100	19.4	20		07/02/19 09:05	74-83-9	
Carbon tetrachloride	<3.3	ug/L	20.0	3.3	20		07/02/19 09:05	56-23-5	
Chlorobenzene	<14.2	ug/L	47.4	14.2	20		07/02/19 09:05	108-90-7	
Chloroethane	263	ug/L	100	26.8	20		07/02/19 09:05	75-00-3	
Chloroform	<25.5	ug/L	100	25.5	20		07/02/19 09:05	67-66-3	
Chloromethane	<43.8	ug/L	146	43.8	20		07/02/19 09:05	74-87-3	
Dibromochloromethane	<52.0	ug/L	173	52.0	20		07/02/19 09:05	124-48-1	
Dibromomethane	<18.7	ug/L	62.5	18.7	20		07/02/19 09:05	74-95-3	
Dichlorodifluoromethane	<10	ug/L	100	10	20		07/02/19 09:05	75-71-8	
Diisopropyl ether	<37.8	ug/L	126	37.8	20		07/02/19 09:05	108-20-3	
Ethylbenzene	595	ug/L	20.0	4.4	20		07/02/19 09:05	100-41-4	
Hexachloro-1,3-butadiene	<23.6	ug/L	100	23.6	20		07/02/19 09:05	87-68-3	
Isopropylbenzene (Cumene)	27.7J	ug/L	100	7.9	20		07/02/19 09:05	98-82-8	
Methyl-tert-butyl ether	<24.9	ug/L	83.1	24.9	20		07/02/19 09:05	1634-04-4	
Methylene Chloride	<11.6	ug/L	100	11.6	20		07/02/19 09:05	75-09-2	
Naphthalene	89.3J	ug/L	100	23.5	20		07/02/19 09:05	91-20-3	
Styrene	<9.3	ug/L	31.0	9.3	20		07/02/19 09:05	100-42-5	
Tetrachloroethene	<6.5	ug/L	21.8	6.5	20		07/02/19 09:05	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: PMW8 **Lab ID: 40190309007** Collected: 06/26/19 11:50 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	533	ug/L	100	3.4	20		07/02/19 09:05	108-88-3	
Trichloroethene	<5.1	ug/L	20.0	5.1	20		07/02/19 09:05	79-01-6	
Trichlorofluoromethane	<4.3	ug/L	20.0	4.3	20		07/02/19 09:05	75-69-4	
Vinyl chloride	2250	ug/L	20.0	3.5	20		07/02/19 09:05	75-01-4	
cis-1,2-Dichloroethene	1830	ug/L	20.0	5.4	20		07/02/19 09:05	156-59-2	
cis-1,3-Dichloropropene	<72.6	ug/L	242	72.6	20		07/02/19 09:05	10061-01-5	
m&p-Xylene	3090	ug/L	40.0	9.3	20		07/02/19 09:05	179601-23-1	
n-Butylbenzene	33.7J	ug/L	47.2	14.2	20		07/02/19 09:05	104-51-8	
n-Propylbenzene	47.1J	ug/L	100	16.2	20		07/02/19 09:05	103-65-1	
o-Xylene	923	ug/L	20.0	5.2	20		07/02/19 09:05	95-47-6	
p-Isopropyltoluene	59.3	ug/L	53.3	16.0	20		07/02/19 09:05	99-87-6	
sec-Butylbenzene	<17.0	ug/L	100	17.0	20		07/02/19 09:05	135-98-8	
tert-Butylbenzene	<6.1	ug/L	20.3	6.1	20		07/02/19 09:05	98-06-6	
trans-1,2-Dichloroethene	54.4J	ug/L	72.7	21.8	20		07/02/19 09:05	156-60-5	
trans-1,3-Dichloropropene	<87.4	ug/L	291	87.4	20		07/02/19 09:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		20		07/02/19 09:05	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		20		07/02/19 09:05	1868-53-7	
Toluene-d8 (S)	97	%	70-130		20		07/02/19 09:05	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW16 Lab ID: 40190309008 Collected: 06/26/19 11:40 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 08:42	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/02/19 08:42	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 08:42	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 08:42	79-00-5	
1,1-Dichloroethane	8.3	ug/L	1.0	0.27	1		07/02/19 08:42	75-34-3	
1,1-Dichloroethene	0.27J	ug/L	1.0	0.24	1		07/02/19 08:42	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 08:42	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 08:42	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 08:42	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 08:42	120-82-1	
1,2,4-Trimethylbenzene	47.3	ug/L	2.8	0.84	1		07/02/19 08:42	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 08:42	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 08:42	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 08:42	95-50-1	
1,2-Dichloroethane	2.3	ug/L	1.0	0.28	1		07/02/19 08:42	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 08:42	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 08:42	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 08:42	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 08:42	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 08:42	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 08:42	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 08:42	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 08:42	106-43-4	
Benzene	1.2	ug/L	1.0	0.25	1		07/02/19 08:42	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 08:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 08:42	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 08:42	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 08:42	75-25-2	
Bromomethane	2.2J	ug/L	5.0	0.97	1		07/02/19 08:42	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 08:42	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 08:42	108-90-7	
Chloroethane	99.9	ug/L	5.0	1.3	1		07/02/19 08:42	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 08:42	67-66-3	
Chloromethane	95.3	ug/L	7.3	2.2	1		07/02/19 08:42	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 08:42	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 08:42	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 08:42	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 08:42	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 08:42	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 08:42	87-68-3	
Isopropylbenzene (Cumene)	10.5	ug/L	5.0	0.39	1		07/02/19 08:42	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 08:42	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 08:42	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 08:42	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 08:42	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 08:42	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW16 **Lab ID: 40190309008** Collected: 06/26/19 11:40 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	0.22J	ug/L	5.0	0.17	1		07/02/19 08:42	108-88-3	
Trichloroethene	0.85J	ug/L	1.0	0.26	1		07/02/19 08:42	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 08:42	75-69-4	
Vinyl chloride	27.3	ug/L	1.0	0.17	1		07/02/19 08:42	75-01-4	
cis-1,2-Dichloroethene	20.7	ug/L	1.0	0.27	1		07/02/19 08:42	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 08:42	10061-01-5	
m&p-Xylene	0.63J	ug/L	2.0	0.47	1		07/02/19 08:42	179601-23-1	
n-Butylbenzene	3.2	ug/L	2.4	0.71	1		07/02/19 08:42	104-51-8	
n-Propylbenzene	17.3	ug/L	5.0	0.81	1		07/02/19 08:42	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 08:42	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 08:42	99-87-6	
sec-Butylbenzene	4.0J	ug/L	5.0	0.85	1		07/02/19 08:42	135-98-8	
tert-Butylbenzene	0.36J	ug/L	1.0	0.30	1		07/02/19 08:42	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 08:42	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 08:42	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/02/19 08:42	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/02/19 08:42	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/02/19 08:42	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW17 Lab ID: 40190309009 Collected: 06/26/19 11:30 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 07:35	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/02/19 07:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:35	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 07:35	79-00-5	
1,1-Dichloroethane	0.49J	ug/L	1.0	0.27	1		07/02/19 07:35	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:35	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 07:35	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 07:35	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 07:35	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 07:35	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/02/19 07:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 07:35	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 07:35	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:35	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:35	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:35	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 07:35	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 07:35	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 07:35	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 07:35	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 07:35	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 07:35	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 07:35	106-43-4	
Benzene	24.9	ug/L	1.0	0.25	1		07/02/19 07:35	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 07:35	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 07:35	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 07:35	75-25-2	
Bromomethane	2.2J	ug/L	5.0	0.97	1		07/02/19 07:35	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 07:35	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:35	108-90-7	
Chloroethane	15.9	ug/L	5.0	1.3	1		07/02/19 07:35	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 07:35	67-66-3	
Chloromethane	77.7	ug/L	7.3	2.2	1		07/02/19 07:35	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 07:35	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 07:35	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 07:35	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 07:35	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 07:35	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:35	87-68-3	
Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	0.39	1		07/02/19 07:35	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 07:35	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 07:35	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:35	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 07:35	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 07:35	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW17 **Lab ID: 40190309009** Collected: 06/26/19 11:30 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		07/02/19 07:35	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		07/02/19 07:35	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 07:35	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/02/19 07:35	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		07/02/19 07:35	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 07:35	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/02/19 07:35	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:35	104-51-8	
n-Propylbenzene	0.87J	ug/L	5.0	0.81	1		07/02/19 07:35	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 07:35	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 07:35	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		07/02/19 07:35	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		07/02/19 07:35	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 07:35	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 07:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		07/02/19 07:35	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/02/19 07:35	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/02/19 07:35	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW18 Lab ID: 40190309010 Collected: 06/26/19 11:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 07:58	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/02/19 07:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:58	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 07:58	79-00-5	
1,1-Dichloroethane	2.1	ug/L	1.0	0.27	1		07/02/19 07:58	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:58	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 07:58	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 07:58	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 07:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 07:58	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/02/19 07:58	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 07:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 07:58	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:58	95-50-1	
1,2-Dichloroethane	0.81J	ug/L	1.0	0.28	1		07/02/19 07:58	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 07:58	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 07:58	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 07:58	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 07:58	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 07:58	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 07:58	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 07:58	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 07:58	106-43-4	
Benzene	0.59J	ug/L	1.0	0.25	1		07/02/19 07:58	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 07:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 07:58	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 07:58	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 07:58	75-25-2	
Bromomethane	1.8J	ug/L	5.0	0.97	1		07/02/19 07:58	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 07:58	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:58	108-90-7	
Chloroethane	14.2	ug/L	5.0	1.3	1		07/02/19 07:58	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 07:58	67-66-3	
Chloromethane	62.9	ug/L	7.3	2.2	1		07/02/19 07:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 07:58	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 07:58	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 07:58	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 07:58	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 07:58	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:58	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		07/02/19 07:58	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 07:58	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 07:58	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 07:58	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 07:58	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 07:58	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: MW18 **Lab ID: 40190309010** Collected: 06/26/19 11:15 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		07/02/19 07:58	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		07/02/19 07:58	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 07:58	75-69-4	
Vinyl chloride	159	ug/L	1.0	0.17	1		07/02/19 07:58	75-01-4	
cis-1,2-Dichloroethene	3.8	ug/L	1.0	0.27	1		07/02/19 07:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 07:58	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/02/19 07:58	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 07:58	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		07/02/19 07:58	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 07:58	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 07:58	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		07/02/19 07:58	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		07/02/19 07:58	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 07:58	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 07:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		07/02/19 07:58	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		07/02/19 07:58	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/02/19 07:58	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: **DUPLICATE** Lab ID: **40190309011** Collected: 06/26/19 00:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/02/19 08:20	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/02/19 08:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/02/19 08:20	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/02/19 08:20	79-00-5	
1,1-Dichloroethane	2.4	ug/L	1.0	0.27	1		07/02/19 08:20	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/02/19 08:20	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/02/19 08:20	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/02/19 08:20	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/02/19 08:20	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/02/19 08:20	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/02/19 08:20	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/02/19 08:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/02/19 08:20	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 08:20	95-50-1	
1,2-Dichloroethane	1.1	ug/L	1.0	0.28	1		07/02/19 08:20	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/02/19 08:20	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/02/19 08:20	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/02/19 08:20	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/02/19 08:20	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/02/19 08:20	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/02/19 08:20	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/02/19 08:20	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/02/19 08:20	106-43-4	
Benzene	0.68J	ug/L	1.0	0.25	1		07/02/19 08:20	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/02/19 08:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/02/19 08:20	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/02/19 08:20	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/02/19 08:20	75-25-2	
Bromomethane	1.6J	ug/L	5.0	0.97	1		07/02/19 08:20	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/02/19 08:20	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 08:20	108-90-7	
Chloroethane	14.6	ug/L	5.0	1.3	1		07/02/19 08:20	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/02/19 08:20	67-66-3	
Chloromethane	55.1	ug/L	7.3	2.2	1		07/02/19 08:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/02/19 08:20	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/02/19 08:20	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/02/19 08:20	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/02/19 08:20	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/02/19 08:20	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/02/19 08:20	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		07/02/19 08:20	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/02/19 08:20	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/02/19 08:20	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/02/19 08:20	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/02/19 08:20	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/02/19 08:20	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: DUPLICATE **Lab ID: 40190309011** Collected: 06/26/19 00:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		07/02/19 08:20	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		07/02/19 08:20	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/02/19 08:20	75-69-4	
Vinyl chloride	166	ug/L	1.0	0.17	1		07/02/19 08:20	75-01-4	
cis-1,2-Dichloroethene	4.6	ug/L	1.0	0.27	1		07/02/19 08:20	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/02/19 08:20	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/02/19 08:20	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/02/19 08:20	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		07/02/19 08:20	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/02/19 08:20	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/02/19 08:20	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		07/02/19 08:20	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		07/02/19 08:20	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/02/19 08:20	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/02/19 08:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/02/19 08:20	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		07/02/19 08:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/02/19 08:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Sample: TRIP BLANK **Lab ID: 40190309012** Collected: 06/26/19 00:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		07/01/19 18:59	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		07/01/19 18:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		07/01/19 18:59	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		07/01/19 18:59	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		07/01/19 18:59	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/01/19 18:59	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		07/01/19 18:59	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		07/01/19 18:59	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		07/01/19 18:59	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/01/19 18:59	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		07/01/19 18:59	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		07/01/19 18:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		07/01/19 18:59	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		07/01/19 18:59	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		07/01/19 18:59	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/01/19 18:59	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		07/01/19 18:59	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		07/01/19 18:59	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		07/01/19 18:59	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		07/01/19 18:59	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		07/01/19 18:59	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		07/01/19 18:59	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		07/01/19 18:59	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		07/01/19 18:59	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		07/01/19 18:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/01/19 18:59	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		07/01/19 18:59	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		07/01/19 18:59	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		07/01/19 18:59	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		07/01/19 18:59	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		07/01/19 18:59	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		07/01/19 18:59	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/01/19 18:59	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		07/01/19 18:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		07/01/19 18:59	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		07/01/19 18:59	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		07/01/19 18:59	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		07/01/19 18:59	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		07/01/19 18:59	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		07/01/19 18:59	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		07/01/19 18:59	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		07/01/19 18:59	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		07/01/19 18:59	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		07/01/19 18:59	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		07/01/19 18:59	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		07/01/19 18:59	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST. FRANCIS
Pace Project No.: 40190309

Sample: TRIP BLANK **Lab ID: 40190309012** Collected: 06/26/19 00:00 Received: 06/28/19 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		07/01/19 18:59	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		07/01/19 18:59	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		07/01/19 18:59	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/01/19 18:59	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		07/01/19 18:59	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		07/01/19 18:59	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		07/01/19 18:59	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		07/01/19 18:59	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		07/01/19 18:59	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		07/01/19 18:59	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		07/01/19 18:59	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		07/01/19 18:59	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		07/01/19 18:59	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		07/01/19 18:59	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		07/01/19 18:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		07/01/19 18:59	460-00-4	HS
Dibromofluoromethane (S)	99	%	70-130		1		07/01/19 18:59	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/01/19 18:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF ST. FRANCIS

Pace Project No.: 40190309

QC Batch: 326141 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40190309001, 40190309002, 40190309003, 40190309004, 40190309005, 40190309006, 40190309007, 40190309008, 40190309009, 40190309010, 40190309011, 40190309012

METHOD BLANK: 1894115 Matrix: Water
Associated Lab Samples: 40190309001, 40190309002, 40190309003, 40190309004, 40190309005, 40190309006, 40190309007, 40190309008, 40190309009, 40190309010, 40190309011, 40190309012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	07/01/19 16:22	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	07/01/19 16:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	07/01/19 16:22	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	07/01/19 16:22	
1,1-Dichloroethane	ug/L	<0.27	1.0	07/01/19 16:22	
1,1-Dichloroethene	ug/L	<0.24	1.0	07/01/19 16:22	
1,1-Dichloropropene	ug/L	<0.54	1.8	07/01/19 16:22	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	07/01/19 16:22	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	07/01/19 16:22	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/01/19 16:22	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	07/01/19 16:22	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	07/01/19 16:22	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	07/01/19 16:22	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	07/01/19 16:22	
1,2-Dichloroethane	ug/L	<0.28	1.0	07/01/19 16:22	
1,2-Dichloropropane	ug/L	<0.28	1.0	07/01/19 16:22	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	07/01/19 16:22	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	07/01/19 16:22	
1,3-Dichloropropane	ug/L	<0.83	2.8	07/01/19 16:22	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	07/01/19 16:22	
2,2-Dichloropropane	ug/L	<2.3	7.6	07/01/19 16:22	
2-Chlorotoluene	ug/L	<0.93	5.0	07/01/19 16:22	
4-Chlorotoluene	ug/L	<0.76	2.5	07/01/19 16:22	
Benzene	ug/L	<0.25	1.0	07/01/19 16:22	
Bromobenzene	ug/L	<0.24	1.0	07/01/19 16:22	
Bromochloromethane	ug/L	<0.36	5.0	07/01/19 16:22	
Bromodichloromethane	ug/L	<0.36	1.2	07/01/19 16:22	
Bromoform	ug/L	<4.0	13.2	07/01/19 16:22	
Bromomethane	ug/L	<0.97	5.0	07/01/19 16:22	
Carbon tetrachloride	ug/L	<0.17	1.0	07/01/19 16:22	
Chlorobenzene	ug/L	<0.71	2.4	07/01/19 16:22	
Chloroethane	ug/L	<1.3	5.0	07/01/19 16:22	
Chloroform	ug/L	<1.3	5.0	07/01/19 16:22	
Chloromethane	ug/L	<2.2	7.3	07/01/19 16:22	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	07/01/19 16:22	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	07/01/19 16:22	
Dibromochloromethane	ug/L	<2.6	8.7	07/01/19 16:22	
Dibromomethane	ug/L	<0.94	3.1	07/01/19 16:22	
Dichlorodifluoromethane	ug/L	<0.50	5.0	07/01/19 16:22	
Diisopropyl ether	ug/L	<1.9	6.3	07/01/19 16:22	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF ST. FRANCIS

Pace Project No.: 40190309

METHOD BLANK: 1894115

Matrix: Water

Associated Lab Samples: 40190309001, 40190309002, 40190309003, 40190309004, 40190309005, 40190309006, 40190309007, 40190309008, 40190309009, 40190309010, 40190309011, 40190309012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.22	1.0	07/01/19 16:22	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	07/01/19 16:22	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	07/01/19 16:22	
m&p-Xylene	ug/L	<0.47	2.0	07/01/19 16:22	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	07/01/19 16:22	
Methylene Chloride	ug/L	<0.58	5.0	07/01/19 16:22	
n-Butylbenzene	ug/L	<0.71	2.4	07/01/19 16:22	
n-Propylbenzene	ug/L	<0.81	5.0	07/01/19 16:22	
Naphthalene	ug/L	<1.2	5.0	07/01/19 16:22	
o-Xylene	ug/L	<0.26	1.0	07/01/19 16:22	
p-Isopropyltoluene	ug/L	<0.80	2.7	07/01/19 16:22	
sec-Butylbenzene	ug/L	<0.85	5.0	07/01/19 16:22	
Styrene	ug/L	<0.47	1.6	07/01/19 16:22	
tert-Butylbenzene	ug/L	<0.30	1.0	07/01/19 16:22	
Tetrachloroethene	ug/L	<0.33	1.1	07/01/19 16:22	
Toluene	ug/L	<0.17	5.0	07/01/19 16:22	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	07/01/19 16:22	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	07/01/19 16:22	
Trichloroethene	ug/L	<0.26	1.0	07/01/19 16:22	
Trichlorofluoromethane	ug/L	<0.21	1.0	07/01/19 16:22	
Vinyl chloride	ug/L	<0.17	1.0	07/01/19 16:22	
4-Bromofluorobenzene (S)	%	95	70-130	07/01/19 16:22	
Dibromofluoromethane (S)	%	103	70-130	07/01/19 16:22	
Toluene-d8 (S)	%	96	70-130	07/01/19 16:22	

LABORATORY CONTROL SAMPLE: 1894116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.4	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,2-Trichloroethane	ug/L	50	45.4	91	70-130	
1,1-Dichloroethane	ug/L	50	52.4	105	73-150	
1,1-Dichloroethene	ug/L	50	55.5	111	73-138	
1,2,4-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.0	92	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	51.2	102	75-140	
1,2-Dichloropropane	ug/L	50	49.4	99	73-135	
1,3-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	51.1	102	70-130	

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QUALITY CONTROL DATA

Project: DF ST. FRANCIS
Pace Project No.: 40190309

LABORATORY CONTROL SAMPLE: 1894116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	44.4	89	68-129	
Bromomethane	ug/L	50	57.0	114	18-159	
Carbon tetrachloride	ug/L	50	58.0	116	70-130	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	54.3	109	53-147	
Chloroform	ug/L	50	52.9	106	74-136	
Chloromethane	ug/L	50	57.4	115	29-115	
cis-1,2-Dichloroethene	ug/L	50	50.1	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	70-130	
Dibromochloromethane	ug/L	50	45.2	90	70-130	
Dichlorodifluoromethane	ug/L	50	56.0	112	10-130	
Ethylbenzene	ug/L	50	55.2	110	80-124	
Isopropylbenzene (Cumene)	ug/L	50	57.6	115	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	47.9	96	54-137	
Methylene Chloride	ug/L	50	51.3	103	73-138	
o-Xylene	ug/L	50	54.4	109	70-130	
Styrene	ug/L	50	56.0	112	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
Toluene	ug/L	50	50.9	102	80-126	
trans-1,2-Dichloroethene	ug/L	50	56.3	113	73-145	
trans-1,3-Dichloropropene	ug/L	50	44.4	89	70-130	
Trichloroethene	ug/L	50	52.8	106	70-130	
Trichlorofluoromethane	ug/L	50	59.7	119	76-147	
Vinyl chloride	ug/L	50	54.5	109	51-120	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1894775 1894776

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40190312013 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	57.0	56.0	114	112	70-130	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	51.4	52.3	103	105	70-130	2	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	49.1	45.3	98	91	70-137	8	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	53.4	52.3	107	105	73-153	2	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	56.4	54.3	113	109	73-138	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	52.9	53.3	106	107	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	49.8	48.1	100	96	58-129	3	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.1	44.7	100	89	70-130	12	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	52.7	52.3	105	105	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	53.1	51.4	106	103	75-140	3	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	48.3	51.5	97	103	71-138	6	20		

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QUALITY CONTROL DATA

Project: DF ST. FRANCIS

Pace Project No.: 40190309

Parameter	Units	1894775		1894776		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40190312013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,3-Dichlorobenzene	ug/L	<0.63	50	50	51.3	51.1	103	102	70-130	0	20
1,4-Dichlorobenzene	ug/L	<0.94	50	50	52.3	51.6	105	103	70-130	1	20
Benzene	ug/L	<0.25	50	50	54.4	51.5	109	103	70-130	5	20
Bromodichloromethane	ug/L	2.6	50	50	53.9	56.8	102	108	70-130	5	20
Bromoform	ug/L	<4.0	50	50	48.3	44.3	97	89	68-129	9	20
Bromomethane	ug/L	<0.97	50	50	60.5	64.3	121	129	15-170	6	20
Carbon tetrachloride	ug/L	<0.17	50	50	60.6	58.4	121	117	70-130	4	20
Chlorobenzene	ug/L	<0.71	50	50	53.9	52.7	108	105	70-130	2	20
Chloroethane	ug/L	<1.3	50	50	53.9	53.2	108	106	51-148	1	20
Chloroform	ug/L	3.5J	50	50	55.7	53.8	104	100	74-136	4	20
Chloromethane	ug/L	<2.2	50	50	55.0	52.4	110	105	23-115	5	20
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	54.1	50.7	108	101	70-131	7	20
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.1	54.0	106	108	70-130	2	20
Dibromochloromethane	ug/L	5.6J	50	50	49.5	44.6	88	78	70-130	10	20
Dichlorodifluoromethane	ug/L	<0.50	50	50	55.1	52.8	110	106	10-132	4	20
Ethylbenzene	ug/L	<0.22	50	50	53.0	54.8	106	110	80-125	3	20
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	55.3	56.9	111	114	70-130	3	20
m&p-Xylene	ug/L	<0.47	100	100	110	111	110	111	70-130	0	20
Methyl-tert-butyl ether	ug/L	<1.2	50	50	51.5	48.5	103	97	51-145	6	20
Methylene Chloride	ug/L	<0.58	50	50	50.8	50.6	101	101	73-140	0	20
o-Xylene	ug/L	<0.26	50	50	52.4	54.1	105	108	70-130	3	20
Styrene	ug/L	<0.47	50	50	55.3	54.8	111	110	70-130	1	20
Tetrachloroethene	ug/L	<0.33	50	50	56.3	53.0	113	106	70-130	6	20
Toluene	ug/L	<0.17	50	50	53.8	51.9	108	104	80-131	4	20
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	56.9	55.5	114	111	73-148	3	20
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	47.9	43.2	96	86	70-130	10	20
Trichloroethene	ug/L	<0.26	50	50	53.5	57.7	107	115	70-130	7	20
Trichlorofluoromethane	ug/L	<0.21	50	50	61.3	58.5	123	117	74-147	5	20
Vinyl chloride	ug/L	<0.17	50	50	55.0	53.2	110	106	41-129	3	20
4-Bromofluorobenzene (S)	%						96	98	70-130		
Dibromofluoromethane (S)	%						98	96	70-130		
Toluene-d8 (S)	%						101	97	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: DF ST. FRANCIS

Pace Project No.: 40190309

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF ST. FRANCIS
Pace Project No.: 40190309

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40190309001	MW2	EPA 8260	326141		
40190309002	PMW2	EPA 8260	326141		
40190309003	MW3	EPA 8260	326141		
40190309004	MW4	EPA 8260	326141		
40190309005	PMW7	EPA 8260	326141		
40190309006	MW8	EPA 8260	326141		
40190309007	PMW8	EPA 8260	326141		
40190309008	MW16	EPA 8260	326141		
40190309009	MW17	EPA 8260	326141		
40190309010	MW18	EPA 8260	326141		
40190309011	DUPLICATE	EPA 8260	326141		
40190309012	TRIP BLANK	EPA 8260	326141		

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Document Name: **Sample Condition Upon Receipt (SCUR)**
Document No.: **F-GB-C-031-Rev.07**

Document Revised: 25Apr2018
Issuing Authority: **Pace Green Bay Quality Office**

Sample Condition Upon Receipt Form (SCUR)

Client Name: L F Green

Project #:

WO# : 40190309

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 201 / Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 6/28/19
Initials: PG

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No pg #</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>6/28/19 PG</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>No times</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>6/28/19 PG</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 6/28/19

January 31, 2020

Linda Fellenz
LF Green Development
5600 W Brown Deer Road
Suite 104
Milwaukee, WI 53223

RE: Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Dear Linda Fellenz:

Enclosed are the analytical results for sample(s) received by the laboratory on January 29, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Sarah Ganswindt, LF Green Development, LLC
Kate Juno, LF Green Development



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40202598001	MW4	Water	01/27/20 13:45	01/29/20 08:45
40202598002	MW8	Water	01/27/20 14:00	01/29/20 08:45
40202598003	PMW8	Water	01/27/20 14:15	01/29/20 08:45
40202598004	MW3	Water	01/27/20 14:30	01/29/20 08:45
40202598005	MW17	Water	01/27/20 14:45	01/29/20 08:45
40202598006	MW16	Water	01/27/20 15:00	01/29/20 08:45
40202598007	PMW7	Water	01/27/20 15:15	01/29/20 08:45
40202598008	MW2	Water	01/27/20 15:20	01/29/20 08:45
40202598009	PMW2	Water	01/27/20 15:30	01/29/20 08:45
40202598010	DUPLICATE	Water	01/27/20 00:00	01/29/20 08:45
40202598011	TRIP BLANK	Water	01/27/20 00:00	01/29/20 08:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40202598001	MW4	EPA 8260	HNW	64	PASI-G
40202598002	MW8	EPA 8260	HNW	64	PASI-G
40202598003	PMW8	EPA 8260	HNW	64	PASI-G
40202598004	MW3	EPA 8260	HNW	64	PASI-G
40202598005	MW17	EPA 8260	HNW	64	PASI-G
40202598006	MW16	EPA 8260	HNW	64	PASI-G
40202598007	PMW7	EPA 8260	HNW	64	PASI-G
40202598008	MW2	EPA 8260	HNW	64	PASI-G
40202598009	PMW2	EPA 8260	HNW	64	PASI-G
40202598010	DUPLICATE	EPA 8260	HNW	64	PASI-G
40202598011	TRIP BLANK	EPA 8260	HNW	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW4 Lab ID: 40202598001 Collected: 01/27/20 13:45 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 15:36	630-20-6	
1,1,1-Trichloroethane	1.7	ug/L	1.0	0.24	1		01/30/20 15:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 15:36	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 15:36	79-00-5	
1,1-Dichloroethane	30.0	ug/L	1.0	0.27	1		01/30/20 15:36	75-34-3	
1,1-Dichloroethene	0.25J	ug/L	1.0	0.24	1		01/30/20 15:36	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 15:36	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 15:36	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 15:36	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 15:36	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		01/30/20 15:36	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 15:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 15:36	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 15:36	95-50-1	
1,2-Dichloroethane	2.9	ug/L	1.0	0.28	1		01/30/20 15:36	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 15:36	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 15:36	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 15:36	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 15:36	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 15:36	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 15:36	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 15:36	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 15:36	106-43-4	
Benzene	0.99J	ug/L	1.0	0.25	1		01/30/20 15:36	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 15:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 15:36	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 15:36	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 15:36	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 15:36	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 15:36	56-23-5	
Chlorobenzene	2.2J	ug/L	2.4	0.71	1		01/30/20 15:36	108-90-7	
Chloroethane	4.3J	ug/L	5.0	1.3	1		01/30/20 15:36	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 15:36	67-66-3	
Chloromethane	4.2J	ug/L	7.3	2.2	1		01/30/20 15:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 15:36	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 15:36	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 15:36	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 15:36	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		01/30/20 15:36	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 15:36	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		01/30/20 15:36	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 15:36	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 15:36	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 15:36	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 15:36	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 15:36	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: MW4 **Lab ID: 40202598001** Collected: 01/27/20 13:45 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		01/30/20 15:36	108-88-3	
Trichloroethene	2.0	ug/L	1.0	0.26	1		01/30/20 15:36	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 15:36	75-69-4	
Vinyl chloride	37.9	ug/L	1.0	0.17	1		01/30/20 15:36	75-01-4	
cis-1,2-Dichloroethene	31.4	ug/L	1.0	0.27	1		01/30/20 15:36	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 15:36	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		01/30/20 15:36	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 15:36	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		01/30/20 15:36	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		01/30/20 15:36	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		01/30/20 15:36	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		01/30/20 15:36	135-98-8	
tert-Butylbenzene	0.32J	ug/L	1.0	0.30	1		01/30/20 15:36	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		01/30/20 15:36	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 15:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		01/30/20 15:36	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		01/30/20 15:36	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1		01/30/20 15:36	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: MWS Lab ID: 40202598002 Collected: 01/27/20 14:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 15:58	630-20-6	
1,1,1-Trichloroethane	2.8	ug/L	1.0	0.24	1		01/30/20 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 15:58	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 15:58	79-00-5	
1,1-Dichloroethane	36.9	ug/L	1.0	0.27	1		01/30/20 15:58	75-34-3	
1,1-Dichloroethene	0.53J	ug/L	1.0	0.24	1		01/30/20 15:58	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 15:58	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 15:58	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 15:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 15:58	120-82-1	
1,2,4-Trimethylbenzene	78.5	ug/L	2.8	0.84	1		01/30/20 15:58	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 15:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 15:58	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 15:58	95-50-1	
1,2-Dichloroethane	0.92J	ug/L	1.0	0.28	1		01/30/20 15:58	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 15:58	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 15:58	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 15:58	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 15:58	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 15:58	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 15:58	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 15:58	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 15:58	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		01/30/20 15:58	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 15:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 15:58	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 15:58	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 15:58	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 15:58	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 15:58	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 15:58	108-90-7	
Chloroethane	6.7	ug/L	5.0	1.3	1		01/30/20 15:58	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 15:58	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		01/30/20 15:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 15:58	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 15:58	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 15:58	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 15:58	108-20-3	
Ethylbenzene	12.1	ug/L	1.0	0.22	1		01/30/20 15:58	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 15:58	87-68-3	
Isopropylbenzene (Cumene)	28.9	ug/L	5.0	0.39	1		01/30/20 15:58	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 15:58	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 15:58	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 15:58	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 15:58	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 15:58	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW8 **Lab ID: 40202598002** Collected: 01/27/20 14:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	0.25J	ug/L	5.0	0.17	1		01/30/20 15:58	108-88-3	
Trichloroethene	3.7	ug/L	1.0	0.26	1		01/30/20 15:58	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 15:58	75-69-4	
Vinyl chloride	56.8	ug/L	1.0	0.17	1		01/30/20 15:58	75-01-4	
cis-1,2-Dichloroethene	51.3	ug/L	1.0	0.27	1		01/30/20 15:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 15:58	10061-01-5	
m&p-Xylene	7.7	ug/L	2.0	0.47	1		01/30/20 15:58	179601-23-1	
n-Butylbenzene	20.8	ug/L	2.4	0.71	1		01/30/20 15:58	104-51-8	
n-Propylbenzene	50.1	ug/L	5.0	0.81	1		01/30/20 15:58	103-65-1	
o-Xylene	1.3	ug/L	1.0	0.26	1		01/30/20 15:58	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		01/30/20 15:58	99-87-6	
sec-Butylbenzene	32.7	ug/L	5.0	0.85	1		01/30/20 15:58	135-98-8	
tert-Butylbenzene	2.2	ug/L	1.0	0.30	1		01/30/20 15:58	98-06-6	
trans-1,2-Dichloroethene	2.3J	ug/L	3.6	1.1	1		01/30/20 15:58	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 15:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		01/30/20 15:58	460-00-4	pH
Dibromofluoromethane (S)	102	%	70-130		1		01/30/20 15:58	1868-53-7	
Toluene-d8 (S)	86	%	70-130		1		01/30/20 15:58	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: PMW8 **Lab ID: 40202598003** Collected: 01/27/20 14:15 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<5.4	ug/L	20.0	5.4	20		01/30/20 10:37	630-20-6	
1,1,1-Trichloroethane	<4.9	ug/L	20.0	4.9	20		01/30/20 10:37	71-55-6	
1,1,2,2-Tetrachloroethane	<5.5	ug/L	20.0	5.5	20		01/30/20 10:37	79-34-5	
1,1,2-Trichloroethane	<11.0	ug/L	100	11.0	20		01/30/20 10:37	79-00-5	
1,1-Dichloroethane	760	ug/L	20.0	5.5	20		01/30/20 10:37	75-34-3	
1,1-Dichloroethene	7.5J	ug/L	20.0	4.9	20		01/30/20 10:37	75-35-4	
1,1-Dichloropropene	<10.8	ug/L	36.0	10.8	20		01/30/20 10:37	563-58-6	
1,2,3-Trichlorobenzene	<12.5	ug/L	100	12.5	20		01/30/20 10:37	87-61-6	
1,2,3-Trichloropropane	<11.8	ug/L	100	11.8	20		01/30/20 10:37	96-18-4	
1,2,4-Trichlorobenzene	<19.0	ug/L	100	19.0	20		01/30/20 10:37	120-82-1	
1,2,4-Trimethylbenzene	673	ug/L	56.0	16.8	20		01/30/20 10:37	95-63-6	
1,2-Dibromo-3-chloropropane	<35.3	ug/L	118	35.3	20		01/30/20 10:37	96-12-8	
1,2-Dibromoethane (EDB)	<16.6	ug/L	55.3	16.6	20		01/30/20 10:37	106-93-4	
1,2-Dichlorobenzene	<14.1	ug/L	47.0	14.1	20		01/30/20 10:37	95-50-1	
1,2-Dichloroethane	75.2	ug/L	20.0	5.6	20		01/30/20 10:37	107-06-2	
1,2-Dichloropropane	<5.7	ug/L	20.0	5.7	20		01/30/20 10:37	78-87-5	
1,3,5-Trimethylbenzene	148	ug/L	58.2	17.5	20		01/30/20 10:37	108-67-8	
1,3-Dichlorobenzene	<12.6	ug/L	41.9	12.6	20		01/30/20 10:37	541-73-1	
1,3-Dichloropropane	<16.5	ug/L	55.1	16.5	20		01/30/20 10:37	142-28-9	
1,4-Dichlorobenzene	<18.9	ug/L	62.9	18.9	20		01/30/20 10:37	106-46-7	
2,2-Dichloropropane	<45.3	ug/L	151	45.3	20		01/30/20 10:37	594-20-7	
2-Chlorotoluene	<18.5	ug/L	100	18.5	20		01/30/20 10:37	95-49-8	
4-Chlorotoluene	<15.1	ug/L	50.4	15.1	20		01/30/20 10:37	106-43-4	
Benzene	7.3J	ug/L	20.0	4.9	20		01/30/20 10:37	71-43-2	
Bromobenzene	<4.8	ug/L	20.0	4.8	20		01/30/20 10:37	108-86-1	
Bromochloromethane	<7.2	ug/L	100	7.2	20		01/30/20 10:37	74-97-5	
Bromodichloromethane	<7.3	ug/L	24.2	7.3	20		01/30/20 10:37	75-27-4	
Bromoform	<79.4	ug/L	265	79.4	20		01/30/20 10:37	75-25-2	
Bromomethane	<19.4	ug/L	100	19.4	20		01/30/20 10:37	74-83-9	
Carbon tetrachloride	<3.3	ug/L	20.0	3.3	20		01/30/20 10:37	56-23-5	
Chlorobenzene	<14.2	ug/L	47.4	14.2	20		01/30/20 10:37	108-90-7	
Chloroethane	267	ug/L	100	26.8	20		01/30/20 10:37	75-00-3	
Chloroform	<25.5	ug/L	100	25.5	20		01/30/20 10:37	67-66-3	
Chloromethane	<43.8	ug/L	146	43.8	20		01/30/20 10:37	74-87-3	
Dibromochloromethane	<52.0	ug/L	173	52.0	20		01/30/20 10:37	124-48-1	
Dibromomethane	<18.7	ug/L	62.5	18.7	20		01/30/20 10:37	74-95-3	
Dichlorodifluoromethane	<10	ug/L	100	10	20		01/30/20 10:37	75-71-8	
Diisopropyl ether	<37.8	ug/L	126	37.8	20		01/30/20 10:37	108-20-3	
Ethylbenzene	570	ug/L	20.0	4.4	20		01/30/20 10:37	100-41-4	
Hexachloro-1,3-butadiene	<23.6	ug/L	100	23.6	20		01/30/20 10:37	87-68-3	
Isopropylbenzene (Cumene)	25.1J	ug/L	100	7.9	20		01/30/20 10:37	98-82-8	
Methyl-tert-butyl ether	<24.9	ug/L	83.1	24.9	20		01/30/20 10:37	1634-04-4	
Methylene Chloride	<11.6	ug/L	100	11.6	20		01/30/20 10:37	75-09-2	
Naphthalene	55.5J	ug/L	100	23.5	20		01/30/20 10:37	91-20-3	
Styrene	<9.3	ug/L	31.0	9.3	20		01/30/20 10:37	100-42-5	
Tetrachloroethene	<6.5	ug/L	21.8	6.5	20		01/30/20 10:37	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: PMW8 **Lab ID: 40202598003** Collected: 01/27/20 14:15 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	410	ug/L	100	3.4	20		01/30/20 10:37	108-88-3	
Trichloroethene	<5.1	ug/L	20.0	5.1	20		01/30/20 10:37	79-01-6	
Trichlorofluoromethane	<4.3	ug/L	20.0	4.3	20		01/30/20 10:37	75-69-4	
Vinyl chloride	2610	ug/L	20.0	3.5	20		01/30/20 10:37	75-01-4	
cis-1,2-Dichloroethene	2560	ug/L	20.0	5.4	20		01/30/20 10:37	156-59-2	
cis-1,3-Dichloropropene	<72.6	ug/L	242	72.6	20		01/30/20 10:37	10061-01-5	
m&p-Xylene	2380	ug/L	40.0	9.3	20		01/30/20 10:37	179601-23-1	
n-Butylbenzene	22.7J	ug/L	47.2	14.2	20		01/30/20 10:37	104-51-8	
n-Propylbenzene	37.4J	ug/L	100	16.2	20		01/30/20 10:37	103-65-1	
o-Xylene	703	ug/L	20.0	5.2	20		01/30/20 10:37	95-47-6	
p-Isopropyltoluene	44.1J	ug/L	53.3	16.0	20		01/30/20 10:37	99-87-6	
sec-Butylbenzene	<17.0	ug/L	100	17.0	20		01/30/20 10:37	135-98-8	
tert-Butylbenzene	<6.1	ug/L	20.3	6.1	20		01/30/20 10:37	98-06-6	
trans-1,2-Dichloroethene	56.4J	ug/L	72.7	21.8	20		01/30/20 10:37	156-60-5	
trans-1,3-Dichloropropene	<87.4	ug/L	291	87.4	20		01/30/20 10:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		20		01/30/20 10:37	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		20		01/30/20 10:37	1868-53-7	
Toluene-d8 (S)	88	%	70-130		20		01/30/20 10:37	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: MW3 **Lab ID: 40202598004** Collected: 01/27/20 14:30 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 16:19	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		01/30/20 16:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:19	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 16:19	79-00-5	
1,1-Dichloroethane	1.1	ug/L	1.0	0.27	1		01/30/20 16:19	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		01/30/20 16:19	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 16:19	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 16:19	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 16:19	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 16:19	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		01/30/20 16:19	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 16:19	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 16:19	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:19	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:19	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:19	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 16:19	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 16:19	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 16:19	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 16:19	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 16:19	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 16:19	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 16:19	106-43-4	
Benzene	0.43J	ug/L	1.0	0.25	1		01/30/20 16:19	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 16:19	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 16:19	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 16:19	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 16:19	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 16:19	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 16:19	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:19	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		01/30/20 16:19	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 16:19	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		01/30/20 16:19	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 16:19	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 16:19	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 16:19	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 16:19	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		01/30/20 16:19	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 16:19	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		01/30/20 16:19	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 16:19	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 16:19	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 16:19	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 16:19	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 16:19	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: MW3 **Lab ID: 40202598004** Collected: 01/27/20 14:30 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		01/30/20 16:19	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		01/30/20 16:19	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 16:19	75-69-4	
Vinyl chloride	22.3	ug/L	1.0	0.17	1		01/30/20 16:19	75-01-4	
cis-1,2-Dichloroethene	5.7	ug/L	1.0	0.27	1		01/30/20 16:19	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 16:19	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		01/30/20 16:19	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:19	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		01/30/20 16:19	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		01/30/20 16:19	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		01/30/20 16:19	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		01/30/20 16:19	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		01/30/20 16:19	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		01/30/20 16:19	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 16:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		01/30/20 16:19	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		01/30/20 16:19	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		01/30/20 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: MW17 Lab ID: 40202598005 Collected: 01/27/20 14:45 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 16:41	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		01/30/20 16:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:41	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 16:41	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 16:41	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		01/30/20 16:41	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 16:41	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 16:41	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 16:41	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 16:41	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		01/30/20 16:41	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 16:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 16:41	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:41	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:41	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 16:41	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 16:41	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 16:41	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 16:41	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 16:41	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 16:41	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 16:41	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 16:41	106-43-4	
Benzene	27.6	ug/L	1.0	0.25	1		01/30/20 16:41	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 16:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 16:41	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 16:41	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 16:41	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 16:41	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 16:41	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:41	108-90-7	
Chloroethane	13.2	ug/L	5.0	1.3	1		01/30/20 16:41	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 16:41	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		01/30/20 16:41	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 16:41	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 16:41	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 16:41	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 16:41	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		01/30/20 16:41	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 16:41	87-68-3	
Isopropylbenzene (Cumene)	0.87J	ug/L	5.0	0.39	1		01/30/20 16:41	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 16:41	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 16:41	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 16:41	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 16:41	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 16:41	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW17 **Lab ID: 40202598005** Collected: 01/27/20 14:45 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		01/30/20 16:41	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		01/30/20 16:41	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 16:41	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/30/20 16:41	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		01/30/20 16:41	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 16:41	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		01/30/20 16:41	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 16:41	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		01/30/20 16:41	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		01/30/20 16:41	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		01/30/20 16:41	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		01/30/20 16:41	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		01/30/20 16:41	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		01/30/20 16:41	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 16:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		01/30/20 16:41	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		01/30/20 16:41	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1		01/30/20 16:41	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW16 Lab ID: 40202598006 Collected: 01/27/20 15:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 18:06	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		01/30/20 18:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 18:06	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 18:06	79-00-5	
1,1-Dichloroethane	2.6	ug/L	1.0	0.27	1		01/30/20 18:06	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		01/30/20 18:06	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 18:06	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 18:06	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 18:06	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 18:06	120-82-1	
1,2,4-Trimethylbenzene	73.8	ug/L	2.8	0.84	1		01/30/20 18:06	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 18:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 18:06	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 18:06	95-50-1	
1,2-Dichloroethane	0.84J	ug/L	1.0	0.28	1		01/30/20 18:06	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 18:06	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 18:06	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 18:06	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 18:06	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 18:06	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 18:06	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 18:06	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 18:06	106-43-4	
Benzene	2.0	ug/L	1.0	0.25	1		01/30/20 18:06	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 18:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 18:06	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 18:06	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 18:06	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 18:06	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 18:06	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 18:06	108-90-7	
Chloroethane	84.3	ug/L	5.0	1.3	1		01/30/20 18:06	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 18:06	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		01/30/20 18:06	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 18:06	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 18:06	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 18:06	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 18:06	108-20-3	
Ethylbenzene	0.32J	ug/L	1.0	0.22	1		01/30/20 18:06	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 18:06	87-68-3	
Isopropylbenzene (Cumene)	29.1	ug/L	5.0	0.39	1		01/30/20 18:06	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 18:06	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 18:06	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 18:06	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 18:06	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 18:06	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW16 **Lab ID: 40202598006** Collected: 01/27/20 15:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	0.35J	ug/L	5.0	0.17	1		01/30/20 18:06	108-88-3	
Trichloroethene	0.46J	ug/L	1.0	0.26	1		01/30/20 18:06	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 18:06	75-69-4	
Vinyl chloride	3.9	ug/L	1.0	0.17	1		01/30/20 18:06	75-01-4	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	0.27	1		01/30/20 18:06	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 18:06	10061-01-5	
m&p-Xylene	0.95J	ug/L	2.0	0.47	1		01/30/20 18:06	179601-23-1	
n-Butylbenzene	11.8	ug/L	2.4	0.71	1		01/30/20 18:06	104-51-8	
n-Propylbenzene	49.8	ug/L	5.0	0.81	1		01/30/20 18:06	103-65-1	
o-Xylene	0.27J	ug/L	1.0	0.26	1		01/30/20 18:06	95-47-6	
p-Isopropyltoluene	1.4J	ug/L	2.7	0.80	1		01/30/20 18:06	99-87-6	
sec-Butylbenzene	12.9	ug/L	5.0	0.85	1		01/30/20 18:06	135-98-8	
tert-Butylbenzene	0.97J	ug/L	1.0	0.30	1		01/30/20 18:06	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		01/30/20 18:06	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 18:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		01/30/20 18:06	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		01/30/20 18:06	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		01/30/20 18:06	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: PMW7 **Lab ID: 40202598007** Collected: 01/27/20 15:15 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<53.8	ug/L	200	53.8	200		01/30/20 10:58	630-20-6	
1,1,1-Trichloroethane	<49.0	ug/L	200	49.0	200		01/30/20 10:58	71-55-6	
1,1,2,2-Tetrachloroethane	<55.1	ug/L	200	55.1	200		01/30/20 10:58	79-34-5	
1,1,2-Trichloroethane	<110	ug/L	1000	110	200		01/30/20 10:58	79-00-5	
1,1-Dichloroethane	8480	ug/L	200	54.5	200		01/30/20 10:58	75-34-3	
1,1-Dichloroethene	173J	ug/L	200	49.0	200		01/30/20 10:58	75-35-4	
1,1-Dichloropropene	<108	ug/L	360	108	200		01/30/20 10:58	563-58-6	
1,2,3-Trichlorobenzene	<125	ug/L	1000	125	200		01/30/20 10:58	87-61-6	
1,2,3-Trichloropropane	<118	ug/L	1000	118	200		01/30/20 10:58	96-18-4	
1,2,4-Trichlorobenzene	<190	ug/L	1000	190	200		01/30/20 10:58	120-82-1	
1,2,4-Trimethylbenzene	<168	ug/L	560	168	200		01/30/20 10:58	95-63-6	
1,2-Dibromo-3-chloropropane	<353	ug/L	1180	353	200		01/30/20 10:58	96-12-8	
1,2-Dibromoethane (EDB)	<166	ug/L	553	166	200		01/30/20 10:58	106-93-4	
1,2-Dichlorobenzene	<141	ug/L	470	141	200		01/30/20 10:58	95-50-1	
1,2-Dichloroethane	185J	ug/L	200	56.0	200		01/30/20 10:58	107-06-2	
1,2-Dichloropropane	<56.6	ug/L	200	56.6	200		01/30/20 10:58	78-87-5	
1,3,5-Trimethylbenzene	<175	ug/L	582	175	200		01/30/20 10:58	108-67-8	
1,3-Dichlorobenzene	<126	ug/L	419	126	200		01/30/20 10:58	541-73-1	
1,3-Dichloropropane	<165	ug/L	551	165	200		01/30/20 10:58	142-28-9	
1,4-Dichlorobenzene	<189	ug/L	629	189	200		01/30/20 10:58	106-46-7	
2,2-Dichloropropane	<453	ug/L	1510	453	200		01/30/20 10:58	594-20-7	
2-Chlorotoluene	<185	ug/L	1000	185	200		01/30/20 10:58	95-49-8	
4-Chlorotoluene	<151	ug/L	504	151	200		01/30/20 10:58	106-43-4	
Benzene	97.0J	ug/L	200	49.3	200		01/30/20 10:58	71-43-2	
Bromobenzene	<48.2	ug/L	200	48.2	200		01/30/20 10:58	108-86-1	
Bromochloromethane	<72.4	ug/L	1000	72.4	200		01/30/20 10:58	74-97-5	
Bromodichloromethane	<72.7	ug/L	242	72.7	200		01/30/20 10:58	75-27-4	
Bromoform	<794	ug/L	2650	794	200		01/30/20 10:58	75-25-2	
Bromomethane	<194	ug/L	1000	194	200		01/30/20 10:58	74-83-9	
Carbon tetrachloride	<33.2	ug/L	200	33.2	200		01/30/20 10:58	56-23-5	
Chlorobenzene	<142	ug/L	474	142	200		01/30/20 10:58	108-90-7	
Chloroethane	921J	ug/L	1000	268	200		01/30/20 10:58	75-00-3	
Chloroform	<255	ug/L	1000	255	200		01/30/20 10:58	67-66-3	
Chloromethane	<438	ug/L	1460	438	200		01/30/20 10:58	74-87-3	
Dibromochloromethane	<520	ug/L	1730	520	200		01/30/20 10:58	124-48-1	
Dibromomethane	<187	ug/L	625	187	200		01/30/20 10:58	74-95-3	
Dichlorodifluoromethane	<99.9	ug/L	1000	99.9	200		01/30/20 10:58	75-71-8	
Diisopropyl ether	<378	ug/L	1260	378	200		01/30/20 10:58	108-20-3	
Ethylbenzene	<43.6	ug/L	200	43.6	200		01/30/20 10:58	100-41-4	
Hexachloro-1,3-butadiene	<236	ug/L	1000	236	200		01/30/20 10:58	87-68-3	
Isopropylbenzene (Cumene)	<78.6	ug/L	1000	78.6	200		01/30/20 10:58	98-82-8	
Methyl-tert-butyl ether	<249	ug/L	831	249	200		01/30/20 10:58	1634-04-4	
Methylene Chloride	<116	ug/L	1000	116	200		01/30/20 10:58	75-09-2	
Naphthalene	<235	ug/L	1000	235	200		01/30/20 10:58	91-20-3	
Styrene	<93.1	ug/L	310	93.1	200		01/30/20 10:58	100-42-5	
Tetrachloroethene	<65.3	ug/L	218	65.3	200		01/30/20 10:58	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: PMW7 **Lab ID: 40202598007** Collected: 01/27/20 15:15 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	779J	ug/L	1000	34.4	200		01/30/20 10:58	108-88-3	
Trichloroethene	<51.0	ug/L	200	51.0	200		01/30/20 10:58	79-01-6	
Trichlorofluoromethane	<43.0	ug/L	200	43.0	200		01/30/20 10:58	75-69-4	
Vinyl chloride	31700	ug/L	200	34.9	200		01/30/20 10:58	75-01-4	
cis-1,2-Dichloroethene	91400	ug/L	1000	271	1000		01/30/20 12:23	156-59-2	
cis-1,3-Dichloropropene	<726	ug/L	2420	726	200		01/30/20 10:58	10061-01-5	
m&p-Xylene	95.7J	ug/L	400	93.1	200		01/30/20 10:58	179601-23-1	
n-Butylbenzene	<142	ug/L	472	142	200		01/30/20 10:58	104-51-8	
n-Propylbenzene	<162	ug/L	1000	162	200		01/30/20 10:58	103-65-1	
o-Xylene	<52.4	ug/L	200	52.4	200		01/30/20 10:58	95-47-6	
p-Isopropyltoluene	<160	ug/L	533	160	200		01/30/20 10:58	99-87-6	
sec-Butylbenzene	<170	ug/L	1000	170	200		01/30/20 10:58	135-98-8	
tert-Butylbenzene	<60.8	ug/L	203	60.8	200		01/30/20 10:58	98-06-6	
trans-1,2-Dichloroethene	490J	ug/L	727	218	200		01/30/20 10:58	156-60-5	
trans-1,3-Dichloropropene	<874	ug/L	2910	874	200		01/30/20 10:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		200		01/30/20 10:58	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		200		01/30/20 10:58	1868-53-7	
Toluene-d8 (S)	89	%	70-130		200		01/30/20 10:58	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW2 **Lab ID: 40202598008** Collected: 01/27/20 15:20 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		01/30/20 11:20	630-20-6	
1,1,1-Trichloroethane	4380	ug/L	125	30.6	125		01/30/20 11:20	71-55-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		01/30/20 11:20	79-34-5	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		01/30/20 11:20	79-00-5	
1,1-Dichloroethane	5020	ug/L	125	34.1	125		01/30/20 11:20	75-34-3	
1,1-Dichloroethene	163	ug/L	125	30.6	125		01/30/20 11:20	75-35-4	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		01/30/20 11:20	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/L	625	78.2	125		01/30/20 11:20	87-61-6	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		01/30/20 11:20	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		01/30/20 11:20	120-82-1	
1,2,4-Trimethylbenzene	117J	ug/L	350	105	125		01/30/20 11:20	95-63-6	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		01/30/20 11:20	96-12-8	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		01/30/20 11:20	106-93-4	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		01/30/20 11:20	95-50-1	
1,2-Dichloroethane	399	ug/L	125	35.0	125		01/30/20 11:20	107-06-2	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		01/30/20 11:20	78-87-5	
1,3,5-Trimethylbenzene	<109	ug/L	364	109	125		01/30/20 11:20	108-67-8	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		01/30/20 11:20	541-73-1	
1,3-Dichloropropane	<103	ug/L	344	103	125		01/30/20 11:20	142-28-9	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		01/30/20 11:20	106-46-7	
2,2-Dichloropropane	<283	ug/L	944	283	125		01/30/20 11:20	594-20-7	
2-Chlorotoluene	<116	ug/L	625	116	125		01/30/20 11:20	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		01/30/20 11:20	106-43-4	
Benzene	<30.8	ug/L	125	30.8	125		01/30/20 11:20	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		01/30/20 11:20	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		01/30/20 11:20	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		01/30/20 11:20	75-27-4	
Bromoform	<496	ug/L	1650	496	125		01/30/20 11:20	75-25-2	
Bromomethane	<121	ug/L	625	121	125		01/30/20 11:20	74-83-9	
Carbon tetrachloride	<20.7	ug/L	125	20.7	125		01/30/20 11:20	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		01/30/20 11:20	108-90-7	
Chloroethane	2060	ug/L	625	168	125		01/30/20 11:20	75-00-3	
Chloroform	<159	ug/L	625	159	125		01/30/20 11:20	67-66-3	
Chloromethane	<274	ug/L	912	274	125		01/30/20 11:20	74-87-3	
Dibromochloromethane	<325	ug/L	1080	325	125		01/30/20 11:20	124-48-1	
Dibromomethane	<117	ug/L	390	117	125		01/30/20 11:20	74-95-3	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		01/30/20 11:20	75-71-8	
Diisopropyl ether	<236	ug/L	787	236	125		01/30/20 11:20	108-20-3	
Ethylbenzene	234	ug/L	125	27.3	125		01/30/20 11:20	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/L	625	148	125		01/30/20 11:20	87-68-3	
Isopropylbenzene (Cumene)	<49.1	ug/L	625	49.1	125		01/30/20 11:20	98-82-8	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		01/30/20 11:20	1634-04-4	
Methylene Chloride	210J	ug/L	625	72.6	125		01/30/20 11:20	75-09-2	
Naphthalene	<147	ug/L	625	147	125		01/30/20 11:20	91-20-3	
Styrene	<58.2	ug/L	194	58.2	125		01/30/20 11:20	100-42-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		01/30/20 11:20	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: MW2 **Lab ID: 40202598008** Collected: 01/27/20 15:20 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	1300	ug/L	625	21.5	125		01/30/20 11:20	108-88-3	
Trichloroethene	215	ug/L	125	31.9	125		01/30/20 11:20	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		01/30/20 11:20	75-69-4	
Vinyl chloride	13600	ug/L	125	21.8	125		01/30/20 11:20	75-01-4	
cis-1,2-Dichloroethene	53000	ug/L	1000	271	1000		01/30/20 12:44	156-59-2	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		01/30/20 11:20	10061-01-5	
m&p-Xylene	1260	ug/L	250	58.2	125		01/30/20 11:20	179601-23-1	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		01/30/20 11:20	104-51-8	
n-Propylbenzene	<101	ug/L	625	101	125		01/30/20 11:20	103-65-1	
o-Xylene	625	ug/L	125	32.7	125		01/30/20 11:20	95-47-6	
p-Isopropyltoluene	<100	ug/L	333	100	125		01/30/20 11:20	99-87-6	
sec-Butylbenzene	<106	ug/L	625	106	125		01/30/20 11:20	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		01/30/20 11:20	98-06-6	
trans-1,2-Dichloroethene	<136	ug/L	454	136	125		01/30/20 11:20	156-60-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		01/30/20 11:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		125		01/30/20 11:20	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		125		01/30/20 11:20	1868-53-7	
Toluene-d8 (S)	87	%	70-130		125		01/30/20 11:20	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: PMW2 **Lab ID: 40202598009** Collected: 01/27/20 15:30 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<33.6	ug/L	125	33.6	125		01/30/20 11:41	630-20-6	
1,1,1-Trichloroethane	20600	ug/L	125	30.6	125		01/30/20 11:41	71-55-6	
1,1,2,2-Tetrachloroethane	<34.4	ug/L	125	34.4	125		01/30/20 11:41	79-34-5	
1,1,2-Trichloroethane	<69.0	ug/L	625	69.0	125		01/30/20 11:41	79-00-5	
1,1-Dichloroethane	11300	ug/L	125	34.1	125		01/30/20 11:41	75-34-3	
1,1-Dichloroethene	375	ug/L	125	30.6	125		01/30/20 11:41	75-35-4	
1,1-Dichloropropene	<67.6	ug/L	225	67.6	125		01/30/20 11:41	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/L	625	78.2	125		01/30/20 11:41	87-61-6	
1,2,3-Trichloropropane	<73.8	ug/L	625	73.8	125		01/30/20 11:41	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		01/30/20 11:41	120-82-1	
1,2,4-Trimethylbenzene	486	ug/L	350	105	125		01/30/20 11:41	95-63-6	
1,2-Dibromo-3-chloropropane	<220	ug/L	735	220	125		01/30/20 11:41	96-12-8	
1,2-Dibromoethane (EDB)	<104	ug/L	346	104	125		01/30/20 11:41	106-93-4	
1,2-Dichlorobenzene	<88.2	ug/L	294	88.2	125		01/30/20 11:41	95-50-1	
1,2-Dichloroethane	137	ug/L	125	35.0	125		01/30/20 11:41	107-06-2	
1,2-Dichloropropane	<35.3	ug/L	125	35.3	125		01/30/20 11:41	78-87-5	
1,3,5-Trimethylbenzene	129J	ug/L	364	109	125		01/30/20 11:41	108-67-8	
1,3-Dichlorobenzene	<78.5	ug/L	262	78.5	125		01/30/20 11:41	541-73-1	
1,3-Dichloropropane	<103	ug/L	344	103	125		01/30/20 11:41	142-28-9	
1,4-Dichlorobenzene	<118	ug/L	393	118	125		01/30/20 11:41	106-46-7	
2,2-Dichloropropane	<283	ug/L	944	283	125		01/30/20 11:41	594-20-7	
2-Chlorotoluene	<116	ug/L	625	116	125		01/30/20 11:41	95-49-8	
4-Chlorotoluene	<94.5	ug/L	315	94.5	125		01/30/20 11:41	106-43-4	
Benzene	<30.8	ug/L	125	30.8	125		01/30/20 11:41	71-43-2	
Bromobenzene	<30.1	ug/L	125	30.1	125		01/30/20 11:41	108-86-1	
Bromochloromethane	<45.3	ug/L	625	45.3	125		01/30/20 11:41	74-97-5	
Bromodichloromethane	<45.5	ug/L	152	45.5	125		01/30/20 11:41	75-27-4	
Bromoform	<496	ug/L	1650	496	125		01/30/20 11:41	75-25-2	
Bromomethane	<121	ug/L	625	121	125		01/30/20 11:41	74-83-9	
Carbon tetrachloride	<20.7	ug/L	125	20.7	125		01/30/20 11:41	56-23-5	
Chlorobenzene	<88.9	ug/L	296	88.9	125		01/30/20 11:41	108-90-7	
Chloroethane	1550	ug/L	625	168	125		01/30/20 11:41	75-00-3	
Chloroform	<159	ug/L	625	159	125		01/30/20 11:41	67-66-3	
Chloromethane	<274	ug/L	912	274	125		01/30/20 11:41	74-87-3	
Dibromochloromethane	<325	ug/L	1080	325	125		01/30/20 11:41	124-48-1	
Dibromomethane	<117	ug/L	390	117	125		01/30/20 11:41	74-95-3	
Dichlorodifluoromethane	<62.4	ug/L	625	62.4	125		01/30/20 11:41	75-71-8	
Diisopropyl ether	<236	ug/L	787	236	125		01/30/20 11:41	108-20-3	
Ethylbenzene	1540	ug/L	125	27.3	125		01/30/20 11:41	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/L	625	148	125		01/30/20 11:41	87-68-3	
Isopropylbenzene (Cumene)	<49.1	ug/L	625	49.1	125		01/30/20 11:41	98-82-8	
Methyl-tert-butyl ether	<156	ug/L	519	156	125		01/30/20 11:41	1634-04-4	
Methylene Chloride	110J	ug/L	625	72.6	125		01/30/20 11:41	75-09-2	
Naphthalene	<147	ug/L	625	147	125		01/30/20 11:41	91-20-3	
Styrene	<58.2	ug/L	194	58.2	125		01/30/20 11:41	100-42-5	
Tetrachloroethene	<40.8	ug/L	136	40.8	125		01/30/20 11:41	127-18-4	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: PMW2 **Lab ID: 40202598009** Collected: 01/27/20 15:30 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	8910	ug/L	625	21.5	125		01/30/20 11:41	108-88-3	
Trichloroethene	<31.9	ug/L	125	31.9	125		01/30/20 11:41	79-01-6	
Trichlorofluoromethane	<26.9	ug/L	125	26.9	125		01/30/20 11:41	75-69-4	
Vinyl chloride	1720	ug/L	125	21.8	125		01/30/20 11:41	75-01-4	
cis-1,2-Dichloroethene	61900	ug/L	1000	271	1000		01/30/20 13:06	156-59-2	
cis-1,3-Dichloropropene	<454	ug/L	1510	454	125		01/30/20 11:41	10061-01-5	
m&p-Xylene	7780	ug/L	250	58.2	125		01/30/20 11:41	179601-23-1	
n-Butylbenzene	<88.5	ug/L	295	88.5	125		01/30/20 11:41	104-51-8	
n-Propylbenzene	<101	ug/L	625	101	125		01/30/20 11:41	103-65-1	
o-Xylene	2980	ug/L	125	32.7	125		01/30/20 11:41	95-47-6	
p-Isopropyltoluene	<100	ug/L	333	100	125		01/30/20 11:41	99-87-6	
sec-Butylbenzene	<106	ug/L	625	106	125		01/30/20 11:41	135-98-8	
tert-Butylbenzene	<38.0	ug/L	127	38.0	125		01/30/20 11:41	98-06-6	
trans-1,2-Dichloroethene	540	ug/L	454	136	125		01/30/20 11:41	156-60-5	
trans-1,3-Dichloropropene	<546	ug/L	1820	546	125		01/30/20 11:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		125		01/30/20 11:41	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		125		01/30/20 11:41	1868-53-7	
Toluene-d8 (S)	88	%	70-130		125		01/30/20 11:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

Sample: DUPLICATE **Lab ID: 40202598010** Collected: 01/27/20 00:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<269	ug/L	1000	269	1000		01/30/20 12:02	630-20-6	
1,1,1-Trichloroethane	18000	ug/L	1000	245	1000		01/30/20 12:02	71-55-6	
1,1,2,2-Tetrachloroethane	<275	ug/L	1000	275	1000		01/30/20 12:02	79-34-5	
1,1,2-Trichloroethane	<552	ug/L	5000	552	1000		01/30/20 12:02	79-00-5	
1,1-Dichloroethane	11700	ug/L	1000	273	1000		01/30/20 12:02	75-34-3	
1,1-Dichloroethene	452J	ug/L	1000	245	1000		01/30/20 12:02	75-35-4	
1,1-Dichloropropene	<540	ug/L	1800	540	1000		01/30/20 12:02	563-58-6	
1,2,3-Trichlorobenzene	<626	ug/L	5000	626	1000		01/30/20 12:02	87-61-6	
1,2,3-Trichloropropane	<591	ug/L	5000	591	1000		01/30/20 12:02	96-18-4	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		01/30/20 12:02	120-82-1	
1,2,4-Trimethylbenzene	<841	ug/L	2800	841	1000		01/30/20 12:02	95-63-6	
1,2-Dibromo-3-chloropropane	<1760	ug/L	5880	1760	1000		01/30/20 12:02	96-12-8	
1,2-Dibromoethane (EDB)	<829	ug/L	2760	829	1000		01/30/20 12:02	106-93-4	
1,2-Dichlorobenzene	<705	ug/L	2350	705	1000		01/30/20 12:02	95-50-1	
1,2-Dichloroethane	<280	ug/L	1000	280	1000		01/30/20 12:02	107-06-2	
1,2-Dichloropropane	<283	ug/L	1000	283	1000		01/30/20 12:02	78-87-5	
1,3,5-Trimethylbenzene	<873	ug/L	2910	873	1000		01/30/20 12:02	108-67-8	
1,3-Dichlorobenzene	<628	ug/L	2090	628	1000		01/30/20 12:02	541-73-1	
1,3-Dichloropropane	<826	ug/L	2750	826	1000		01/30/20 12:02	142-28-9	
1,4-Dichlorobenzene	<944	ug/L	3150	944	1000		01/30/20 12:02	106-46-7	
2,2-Dichloropropane	<2270	ug/L	7550	2270	1000		01/30/20 12:02	594-20-7	
2-Chlorotoluene	<926	ug/L	5000	926	1000		01/30/20 12:02	95-49-8	
4-Chlorotoluene	<756	ug/L	2520	756	1000		01/30/20 12:02	106-43-4	
Benzene	<246	ug/L	1000	246	1000		01/30/20 12:02	71-43-2	
Bromobenzene	<241	ug/L	1000	241	1000		01/30/20 12:02	108-86-1	
Bromochloromethane	<362	ug/L	5000	362	1000		01/30/20 12:02	74-97-5	
Bromodichloromethane	<364	ug/L	1210	364	1000		01/30/20 12:02	75-27-4	
Bromoform	<3970	ug/L	13200	3970	1000		01/30/20 12:02	75-25-2	
Bromomethane	<971	ug/L	5000	971	1000		01/30/20 12:02	74-83-9	
Carbon tetrachloride	<166	ug/L	1000	166	1000		01/30/20 12:02	56-23-5	
Chlorobenzene	<711	ug/L	2370	711	1000		01/30/20 12:02	108-90-7	
Chloroethane	1700J	ug/L	5000	1340	1000		01/30/20 12:02	75-00-3	
Chloroform	<1270	ug/L	5000	1270	1000		01/30/20 12:02	67-66-3	
Chloromethane	<2190	ug/L	7300	2190	1000		01/30/20 12:02	74-87-3	
Dibromochloromethane	<2600	ug/L	8670	2600	1000		01/30/20 12:02	124-48-1	
Dibromomethane	<937	ug/L	3120	937	1000		01/30/20 12:02	74-95-3	
Dichlorodifluoromethane	<500	ug/L	5000	500	1000		01/30/20 12:02	75-71-8	
Diisopropyl ether	<1890	ug/L	6290	1890	1000		01/30/20 12:02	108-20-3	
Ethylbenzene	1110	ug/L	1000	218	1000		01/30/20 12:02	100-41-4	
Hexachloro-1,3-butadiene	<1180	ug/L	5000	1180	1000		01/30/20 12:02	87-68-3	
Isopropylbenzene (Cumene)	<393	ug/L	5000	393	1000		01/30/20 12:02	98-82-8	
Methyl-tert-butyl ether	<1250	ug/L	4150	1250	1000		01/30/20 12:02	1634-04-4	
Methylene Chloride	<581	ug/L	5000	581	1000		01/30/20 12:02	75-09-2	
Naphthalene	<1180	ug/L	5000	1180	1000		01/30/20 12:02	91-20-3	
Styrene	<465	ug/L	1550	465	1000		01/30/20 12:02	100-42-5	
Tetrachloroethene	<326	ug/L	1090	326	1000		01/30/20 12:02	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: DUPLICATE **Lab ID: 40202598010** Collected: 01/27/20 00:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	7700	ug/L	5000	172	1000		01/30/20 12:02	108-88-3	
Trichloroethene	<255	ug/L	1000	255	1000		01/30/20 12:02	79-01-6	
Trichlorofluoromethane	<215	ug/L	1000	215	1000		01/30/20 12:02	75-69-4	
Vinyl chloride	1770	ug/L	1000	175	1000		01/30/20 12:02	75-01-4	
cis-1,2-Dichloroethene	66900	ug/L	1000	271	1000		01/30/20 12:02	156-59-2	
cis-1,3-Dichloropropene	<3630	ug/L	12100	3630	1000		01/30/20 12:02	10061-01-5	
m&p-Xylene	5290	ug/L	2000	465	1000		01/30/20 12:02	179601-23-1	
n-Butylbenzene	<708	ug/L	2360	708	1000		01/30/20 12:02	104-51-8	
n-Propylbenzene	<811	ug/L	5000	811	1000		01/30/20 12:02	103-65-1	
o-Xylene	2070	ug/L	1000	262	1000		01/30/20 12:02	95-47-6	
p-Isopropyltoluene	<800	ug/L	2670	800	1000		01/30/20 12:02	99-87-6	
sec-Butylbenzene	<849	ug/L	5000	849	1000		01/30/20 12:02	135-98-8	
tert-Butylbenzene	<304	ug/L	1010	304	1000		01/30/20 12:02	98-06-6	
trans-1,2-Dichloroethene	<1090	ug/L	3640	1090	1000		01/30/20 12:02	156-60-5	
trans-1,3-Dichloropropene	<4370	ug/L	14600	4370	1000		01/30/20 12:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1000		01/30/20 12:02	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1000		01/30/20 12:02	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1000		01/30/20 12:02	2037-26-5	

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: TRIP BLANK **Lab ID: 40202598011** Collected: 01/27/20 00:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 17:24	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		01/30/20 17:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 17:24	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		01/30/20 17:24	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		01/30/20 17:24	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		01/30/20 17:24	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		01/30/20 17:24	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		01/30/20 17:24	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		01/30/20 17:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/30/20 17:24	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		01/30/20 17:24	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		01/30/20 17:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		01/30/20 17:24	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 17:24	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		01/30/20 17:24	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		01/30/20 17:24	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		01/30/20 17:24	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		01/30/20 17:24	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		01/30/20 17:24	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		01/30/20 17:24	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		01/30/20 17:24	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		01/30/20 17:24	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		01/30/20 17:24	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		01/30/20 17:24	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		01/30/20 17:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/30/20 17:24	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		01/30/20 17:24	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		01/30/20 17:24	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		01/30/20 17:24	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		01/30/20 17:24	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 17:24	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		01/30/20 17:24	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/30/20 17:24	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		01/30/20 17:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		01/30/20 17:24	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		01/30/20 17:24	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		01/30/20 17:24	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		01/30/20 17:24	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		01/30/20 17:24	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		01/30/20 17:24	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		01/30/20 17:24	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		01/30/20 17:24	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		01/30/20 17:24	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		01/30/20 17:24	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		01/30/20 17:24	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		01/30/20 17:24	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Sample: TRIP BLANK **Lab ID: 40202598011** Collected: 01/27/20 00:00 Received: 01/29/20 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		01/30/20 17:24	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		01/30/20 17:24	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		01/30/20 17:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/30/20 17:24	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		01/30/20 17:24	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		01/30/20 17:24	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		01/30/20 17:24	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		01/30/20 17:24	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		01/30/20 17:24	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		01/30/20 17:24	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		01/30/20 17:24	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		01/30/20 17:24	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		01/30/20 17:24	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		01/30/20 17:24	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		01/30/20 17:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		01/30/20 17:24	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		01/30/20 17:24	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1		01/30/20 17:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

QC Batch: 346627 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40202598001, 40202598002, 40202598003, 40202598004, 40202598005, 40202598006, 40202598007, 40202598008, 40202598009, 40202598010, 40202598011

METHOD BLANK: 2010278 Matrix: Water
Associated Lab Samples: 40202598001, 40202598002, 40202598003, 40202598004, 40202598005, 40202598006, 40202598007, 40202598008, 40202598009, 40202598010, 40202598011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	01/30/20 08:06	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	01/30/20 08:06	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	01/30/20 08:06	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	01/30/20 08:06	
1,1-Dichloroethane	ug/L	<0.27	1.0	01/30/20 08:06	
1,1-Dichloroethene	ug/L	<0.24	1.0	01/30/20 08:06	
1,1-Dichloropropene	ug/L	<0.54	1.8	01/30/20 08:06	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	01/30/20 08:06	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	01/30/20 08:06	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/30/20 08:06	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	01/30/20 08:06	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	01/30/20 08:06	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	01/30/20 08:06	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	01/30/20 08:06	
1,2-Dichloroethane	ug/L	<0.28	1.0	01/30/20 08:06	
1,2-Dichloropropane	ug/L	<0.28	1.0	01/30/20 08:06	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	01/30/20 08:06	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	01/30/20 08:06	
1,3-Dichloropropane	ug/L	<0.83	2.8	01/30/20 08:06	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	01/30/20 08:06	
2,2-Dichloropropane	ug/L	<2.3	7.6	01/30/20 08:06	
2-Chlorotoluene	ug/L	<0.93	5.0	01/30/20 08:06	
4-Chlorotoluene	ug/L	<0.76	2.5	01/30/20 08:06	
Benzene	ug/L	<0.25	1.0	01/30/20 08:06	
Bromobenzene	ug/L	<0.24	1.0	01/30/20 08:06	
Bromochloromethane	ug/L	<0.36	5.0	01/30/20 08:06	
Bromodichloromethane	ug/L	<0.36	1.2	01/30/20 08:06	
Bromoform	ug/L	<4.0	13.2	01/30/20 08:06	
Bromomethane	ug/L	<0.97	5.0	01/30/20 08:06	
Carbon tetrachloride	ug/L	<0.17	1.0	01/30/20 08:06	
Chlorobenzene	ug/L	<0.71	2.4	01/30/20 08:06	
Chloroethane	ug/L	<1.3	5.0	01/30/20 08:06	
Chloroform	ug/L	<1.3	5.0	01/30/20 08:06	
Chloromethane	ug/L	<2.2	7.3	01/30/20 08:06	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	01/30/20 08:06	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	01/30/20 08:06	
Dibromochloromethane	ug/L	<2.6	8.7	01/30/20 08:06	
Dibromomethane	ug/L	<0.94	3.1	01/30/20 08:06	
Dichlorodifluoromethane	ug/L	<0.50	5.0	01/30/20 08:06	
Diisopropyl ether	ug/L	<1.9	6.3	01/30/20 08:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

METHOD BLANK: 2010278

Matrix: Water

Associated Lab Samples: 40202598001, 40202598002, 40202598003, 40202598004, 40202598005, 40202598006, 40202598007, 40202598008, 40202598009, 40202598010, 40202598011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.22	1.0	01/30/20 08:06	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	01/30/20 08:06	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	01/30/20 08:06	
m&p-Xylene	ug/L	<0.47	2.0	01/30/20 08:06	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	01/30/20 08:06	
Methylene Chloride	ug/L	<0.58	5.0	01/30/20 08:06	
n-Butylbenzene	ug/L	<0.71	2.4	01/30/20 08:06	
n-Propylbenzene	ug/L	<0.81	5.0	01/30/20 08:06	
Naphthalene	ug/L	<1.2	5.0	01/30/20 08:06	
o-Xylene	ug/L	<0.26	1.0	01/30/20 08:06	
p-Isopropyltoluene	ug/L	<0.80	2.7	01/30/20 08:06	
sec-Butylbenzene	ug/L	<0.85	5.0	01/30/20 08:06	
Styrene	ug/L	<0.47	1.6	01/30/20 08:06	
tert-Butylbenzene	ug/L	<0.30	1.0	01/30/20 08:06	
Tetrachloroethene	ug/L	<0.33	1.1	01/30/20 08:06	
Toluene	ug/L	<0.17	5.0	01/30/20 08:06	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	01/30/20 08:06	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	01/30/20 08:06	
Trichloroethene	ug/L	<0.26	1.0	01/30/20 08:06	
Trichlorofluoromethane	ug/L	<0.21	1.0	01/30/20 08:06	
Vinyl chloride	ug/L	<0.17	1.0	01/30/20 08:06	
4-Bromofluorobenzene (S)	%	85	70-130	01/30/20 08:06	
Dibromofluoromethane (S)	%	101	70-130	01/30/20 08:06	
Toluene-d8 (S)	%	87	70-130	01/30/20 08:06	

LABORATORY CONTROL SAMPLE: 2010279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.7	87	70-130	
1,1,2-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	73-150	
1,1-Dichloroethene	ug/L	50	49.6	99	73-138	
1,2,4-Trichlorobenzene	ug/L	50	55.7	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	53.0	106	70-130	
1,2-Dichlorobenzene	ug/L	50	54.0	108	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	75-140	
1,2-Dichloropropane	ug/L	50	45.8	92	73-135	
1,3-Dichlorobenzene	ug/L	50	54.0	108	70-130	
1,4-Dichlorobenzene	ug/L	50	54.8	110	70-130	
Benzene	ug/L	50	49.3	99	70-130	
Bromodichloromethane	ug/L	50	51.2	102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DF ST FRANCIS WI
Pace Project No.: 40202598

LABORATORY CONTROL SAMPLE: 2010279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	49.5	99	68-129	
Bromomethane	ug/L	50	35.4	71	18-159	
Carbon tetrachloride	ug/L	50	51.6	103	70-130	
Chlorobenzene	ug/L	50	57.2	114	70-130	
Chloroethane	ug/L	50	40.6	81	53-147	
Chloroform	ug/L	50	51.3	103	74-136	
Chloromethane	ug/L	50	37.5	75	29-115	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.9	90	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	29.5	59	10-130	
Ethylbenzene	ug/L	50	51.5	103	80-124	
Isopropylbenzene (Cumene)	ug/L	50	55.3	111	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	44.1	88	54-137	
Methylene Chloride	ug/L	50	46.1	92	73-138	
o-Xylene	ug/L	50	54.5	109	70-130	
Styrene	ug/L	50	55.5	111	70-130	
Tetrachloroethene	ug/L	50	57.6	115	70-130	
Toluene	ug/L	50	51.2	102	80-126	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	73-145	
trans-1,3-Dichloropropene	ug/L	50	39.7	79	70-130	
Trichloroethene	ug/L	50	55.8	112	70-130	
Trichlorofluoromethane	ug/L	50	48.1	96	76-147	
Vinyl chloride	ug/L	50	42.0	84	51-120	
4-Bromofluorobenzene (S)	%			93	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			88	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2010288 2010289

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40202556001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<1.0	50	50	54.0	52.1	108	104	70-130	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	41.7	40.6	83	81	70-130	3	20		
1,1,2-Trichloroethane	ug/L	<5.0	50	50	44.3	43.4	89	87	70-137	2	20		
1,1-Dichloroethane	ug/L	<1.0	50	50	51.6	51.0	103	102	73-153	1	20		
1,1-Dichloroethene	ug/L	<1.0	50	50	50.5	49.5	101	99	73-138	2	20		
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	52.3	51.1	105	102	70-130	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<5.9	50	50	38.3	36.8	77	74	58-129	4	20		
1,2-Dibromoethane (EDB)	ug/L	<2.8	50	50	49.2	48.5	98	97	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<2.4	50	50	51.8	49.7	104	99	70-130	4	20		
1,2-Dichloroethane	ug/L	<1.0	50	50	49.6	48.4	99	97	75-140	2	20		
1,2-Dichloropropane	ug/L	<1.0	50	50	44.1	43.4	88	87	71-138	2	20		

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QUALITY CONTROL DATA

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Parameter	Units	2010288		2010289		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40202556001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,3-Dichlorobenzene	ug/L	<2.1	50	50	52.1	50.7	104	101	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<3.1	50	50	52.2	49.9	104	100	70-130	4	20		
Benzene	ug/L	<1.0	50	50	47.9	46.5	96	93	70-130	3	20		
Bromodichloromethane	ug/L	<1.2	50	50	47.6	47.9	95	96	70-130	1	20		
Bromoform	ug/L	<13.2	50	50	47.0	46.0	94	92	68-129	2	20		
Bromomethane	ug/L	<5.0	50	50	44.2	45.2	88	90	15-170	2	20		
Carbon tetrachloride	ug/L	<1.0	50	50	50.0	49.0	100	98	70-130	2	20		
Chlorobenzene	ug/L	<2.4	50	50	54.6	53.2	109	106	70-130	3	20		
Chloroethane	ug/L	<5.0	50	50	42.0	42.7	84	85	51-148	2	20		
Chloroform	ug/L	<5.0	50	50	49.2	48.1	98	96	74-136	2	20		
Chloromethane	ug/L	<7.3	50	50	48.2	47.3	96	95	23-115	2	20		
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	51.4	50.5	103	101	70-131	2	20		
cis-1,3-Dichloropropene	ug/L	<12.1	50	50	43.3	42.2	87	84	70-130	3	20		
Dibromochloromethane	ug/L	<8.7	50	50	49.0	47.9	98	96	70-130	2	20		
Dichlorodifluoromethane	ug/L	<5.0	50	50	50.1	49.4	100	99	10-132	1	20		
Ethylbenzene	ug/L	<1.0	50	50	48.5	47.8	97	96	80-125	2	20		
Isopropylbenzene (Cumene)	ug/L	<5.0	50	50	52.1	51.0	104	102	70-130	2	20		
m&p-Xylene	ug/L	<2.0	100	100	106	105	106	105	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<4.2	50	50	44.2	42.0	88	84	51-145	5	20		
Methylene Chloride	ug/L	<5.0	50	50	45.5	44.1	91	88	73-140	3	20		
o-Xylene	ug/L	<1.0	50	50	52.0	50.5	104	101	70-130	3	20		
Styrene	ug/L	<1.6	50	50	51.9	52.3	104	105	70-130	1	20		
Tetrachloroethene	ug/L	<1.1	50	50	54.4	54.1	109	108	70-130	1	20		
Toluene	ug/L	<5.0	50	50	49.1	48.4	98	97	80-131	1	20		
trans-1,2-Dichloroethene	ug/L	<3.6	50	50	52.7	51.7	105	103	73-148	2	20		
trans-1,3-Dichloropropene	ug/L	<14.6	50	50	37.3	36.8	75	74	70-130	1	20		
Trichloroethene	ug/L	<1.0	50	50	52.5	51.5	105	103	70-130	2	20		
Trichlorofluoromethane	ug/L	<1.0	50	50	52.0	50.8	104	102	74-147	2	20		
Vinyl chloride	ug/L	<1.0	50	50	52.9	49.3	106	99	41-129	7	20		
4-Bromofluorobenzene (S)	%						93	93	70-130				
Dibromofluoromethane (S)	%						99	97	70-130				
Toluene-d8 (S)	%						87	88	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DF ST FRANCIS WI

Pace Project No.: 40202598

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40202598001	MW4	EPA 8260	346627		
40202598002	MW8	EPA 8260	346627		
40202598003	PMW8	EPA 8260	346627		
40202598004	MW3	EPA 8260	346627		
40202598005	MW17	EPA 8260	346627		
40202598006	MW16	EPA 8260	346627		
40202598007	PMW7	EPA 8260	346627		
40202598008	MW2	EPA 8260	346627		
40202598009	PMW2	EPA 8260	346627		
40202598010	DUPLICATE	EPA 8260	346627		
40202598011	TRIP BLANK	EPA 8260	346627		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: LF Green
Branch/Location: Milwaukee
Project Contact: Sarah Ganswindt
Phone: 262-719-4508
Project Number:
Project Name: DF. ST FRANCIS WI
Project State: WI
Sampled By (Print): Sarah Ganswindt
Sampled By (Sign): Sarah Ganswindt



UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
PRESERVATION
(CODE)*

Y/N	N									
	B									
Analyses Requested										

Quote #: 40020598
Mail To Contact: Sarah Ganswindt
Mail To Company: LF Green Dev
Mail To Address: 5600 W Brown Deer Milwaukee WI
Invoice To Contact: Linda Fellenz
Invoice To Company: LF Green
Invoice To Address: Saa
Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW4	1/27/20	1345	GW
002	MW8		1400	
003	PMW8		1415	
004	LW3		1430	
005	MW17		1445	
006	MW16		1500	
007	PMW7		1515	
008	MW2		1520	
009	PMW2		1535	
010	Duplicate		-	
011	Trip		-	LAB

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Sarah Ganswindt	Date/Time: 1/28/20	Received By: Mary Fannin	Date/Time: 1/29/20 9:55
Relinquished By: Mary Fannin	Date/Time: 1/28/20 1410	Received By:	Date/Time:
Relinquished By: C.S Logistics	Date/Time: 1/28/20 0845	Received By: Angela Pae	Date/Time: 1/29/20 0845
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 40020598

Receipt Temp = 12.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Preservation Receipt Form

Client Name: If Green

Project # 4000578

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):


Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤	pH after adjusted	Volume (mL)		
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU								WPFU	SP5T
001																	3														2.5 / 5 / 10
002																	3														2.5 / 5 / 10
003																	3														2.5 / 5 / 10
004																	3														2.5 / 5 / 10
005																	3														2.5 / 5 / 10
006																	2														2.5 / 5 / 10
007																	3														2.5 / 5 / 10
008																	3														2.5 / 5 / 10
009																	3														2.5 / 5 / 10
010																	2														2.5 / 5 / 10
011																	2														2.5 / 5 / 10
012																															2.5 / 5 / 10
013																															2.5 / 5 / 10
014																															2.5 / 5 / 10
015																															2.5 / 5 / 10
016																															2.5 / 5 / 10
017																															2.5 / 5 / 10
018																															2.5 / 5 / 10
019																															2.5 / 5 / 10
020																															2.5 / 5 / 10


Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: LF Green
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #: _____
WO# : 40202598

 40202598

Tracking #: _____
Custody Seal on Cooler/Box Present: yes no **Seals intact:** yes no
Custody Seal on Samples Present: yes no **Seals intact:** yes no
Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer Used SR - N/A **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature Uncorr: LOE /Corr: _____

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Person examining contents:
 Date: 1/29/20
 Initials: mp

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>NO Pr #</u> <u>1/29/20 mp</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>12/28</u>	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>NO TIME</u> <u>1/29/20 mp</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>438</u>		

Client Notification/ Resolution: If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 1/29/2020
 Page 2 of 2
 Page 35 of 35