

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (**check one**):

- Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility
- Other - Describe: _____

ATTN DNR: **R & R Program Associate** Date DNR Notified: **01/22/2021**

1. Discharge Reported By		
Name Dave Lennon	Firm Moraine Environmental, Inc.	Phone Number (include area code) (262) 692-3345
Mailing Address 766 Tower Dr., Fredonia, WI 53021		Email moraine@execpc.com

2. Site Information		
Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Bay Cleaners		
Location: Include street address, <u>not PO Box</u> . If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 201-207 S. Main Street		
Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city. Thiensville		
County Ozaukee	Legal Description: NE ¼ of SE ¼ Section 22, Town 09 N, Range 21 <input checked="" type="radio"/> E <input type="radio"/> W	WTM: X 683632 Y 308048

3. Responsible Party (RP) and/or RP Representative	
Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary. Junior-Bagneski, LLC	
<input type="checkbox"/> A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review DNR publication RR-055 ; and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using DNR Form 4400-237 .	

Contact Person Name (if different) Mark Langholz; Levey & Levey, SC	Phone Number (262) 377-5555	Email mlangholz@levyandlevy.com		
Mailing Address N61W6058 Columbia Rd.		City Cedarburg	State WI	ZIP Code 53012

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email		
Mailing Address		City	State	ZIP Code

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> VOCs | (VOCs continued) | <input type="checkbox"/> Metals |
| <input checked="" type="checkbox"/> PCE | <input type="checkbox"/> Mineral Oil | <input type="checkbox"/> Arsenic |
| <input checked="" type="checkbox"/> TCE | <input type="checkbox"/> Waste Oil | <input type="checkbox"/> Chromium |
| <input type="checkbox"/> Other Chlorinated | <input type="checkbox"/> Petroleum-Unknown Type | <input type="checkbox"/> Lead |
| <input type="checkbox"/> Diesel | <input type="checkbox"/> PAHs | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Fuel Oil | <input type="checkbox"/> PCBs | <input type="checkbox"/> Pesticides: _____ |
| <input type="checkbox"/> Gasoline | <input type="checkbox"/> Cyanide | <input type="checkbox"/> Fertilizer: _____ |
| <input type="checkbox"/> Hydraulic Oil | <input type="checkbox"/> Leachate | <input type="checkbox"/> RCRA Hazardous Waste: _____ |
| <input type="checkbox"/> Jet Fuel | <input type="checkbox"/> Manure | <input type="checkbox"/> Other: _____ |
| | | <input type="checkbox"/> Unknown |

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- | | | |
|--|---|--|
| <input type="checkbox"/> Air Contamination | <input type="checkbox"/> Fire Explosion Threat | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Co-mingled (Petroleum & Non-Petroleum) | <input type="checkbox"/> Free Product | <input checked="" type="checkbox"/> Soil Gas Contamination |
| <input type="checkbox"/> Contamination in Fractured Bedrock | <input checked="" type="checkbox"/> Groundwater Contamination | <input checked="" type="checkbox"/> Sub-slab Vapor Contamination |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input checked="" type="checkbox"/> Off-Site Contamination | <input type="checkbox"/> Surface Water Contamination |
| <input type="checkbox"/> Contaminated Private Well | <input type="checkbox"/> Sanitary Sewer Contamination | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Public Well | <input type="checkbox"/> Storm Sewer Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contamination in Right of Way | <input type="checkbox"/> Sediment Contamination | |
| | Other (specify): _____ | |

Contamination was discovered as a result of:

- | | | |
|--|---|--|
| <input type="checkbox"/> Tank closure assessment | <input checked="" type="checkbox"/> Site assessment | <input type="checkbox"/> Other - Describe: _____ |
| Date <input type="text"/> | Date <input type="text" value="02/07/2020"/> | Date <input type="text"/> |

Lab results: Lab results will be faxed upon receipt Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information:

- | Source | Cause |
|---|---|
| <input type="checkbox"/> Tank | <input type="checkbox"/> Spill |
| <input type="checkbox"/> Piping | <input type="checkbox"/> Overfill |
| <input type="checkbox"/> Dispenser | <input type="checkbox"/> Corrosion |
| <input type="checkbox"/> Submersible Turbine Pump | <input type="checkbox"/> Physical or Mechanical Damage |
| <input type="checkbox"/> Delivery Problem | <input type="checkbox"/> Installation Problem |
| | <input checked="" type="checkbox"/> Other (does not fit any of above) |
| | <input type="checkbox"/> Unknown |

- Does not apply. Other (specify): Dry Cleaning Operations

Submit this completed form along with any associate lab results using the RR Program Submittal Portal, found on the DNR website at <https://dnr.wi.gov/topic/Brownfields/Submittal.html>.

If you have any questions, please contact the appropriate regional Environmental Program Associate (EPA) listed under the "EPAs" tab at <https://dnr.wi.gov/topic/Brownfields/Contact.html>.

February 18, 2020

Tom Sweet
Moraine Environmental, Inc.
766 Tower Drive
Fredonia, WI 53021

RE: Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Dear Tom Sweet:

Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 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 Mleczo
steve.mleczo@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

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: 6733 201 S. MAIN

Pace Project No.: 40203161

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40203161001	SP-1 (2-4)	Solid	02/07/20 00:00	02/10/20 12:15
40203161002	SP-1 (4-6)	Solid	02/07/20 00:00	02/10/20 12:15
40203161003	SD-1	Water	02/07/20 00:00	02/10/20 12:15

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SAMPLE ANALYTE COUNT

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40203161001	SP-1 (2-4)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40203161002	SP-1 (4-6)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40203161003	SD-1	EPA 8260	HNW	64	PASI-G

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SUMMARY OF DETECTION

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40203161001	SP-1 (2-4)					
EPA 8260	cis-1,2-Dichloroethene	53.9J	ug/kg	72.6	02/14/20 18:34	
EPA 8260	Tetrachloroethene	502	ug/kg	156	02/14/20 18:34	
EPA 8260	Trichloroethene	105	ug/kg	72.6	02/14/20 18:34	
ASTM D2974-87	Percent Moisture	17.3	%	0.10	02/17/20 09:08	
40203161002	SP-1 (4-6)					
EPA 8260	Tetrachloroethene	3650	ug/kg	150	02/14/20 12:47	
EPA 8260	Trichloroethene	219	ug/kg	69.7	02/14/20 12:47	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	02/17/20 09:08	
40203161003	SD-1					
EPA 8260	cis-1,2-Dichloroethene	154	ug/L	1.0	02/11/20 16:06	
EPA 8260	Tetrachloroethene	25.7	ug/L	1.1	02/11/20 16:06	
EPA 8260	Toluene	0.41J	ug/L	5.0	02/11/20 16:06	
EPA 8260	Trichloroethene	30.0	ug/L	1.0	02/11/20 16:06	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

Sample: SP-1 (2-4) **Lab ID: 40203161001** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 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	02/14/20 10:15	02/14/20 18:34	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	02/14/20 10:15	02/14/20 18:34	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	02/14/20 10:15	02/14/20 18:34	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	02/14/20 10:15	02/14/20 18:34	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	02/14/20 10:15	02/14/20 18:34	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 18:34	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	02/14/20 10:15	02/14/20 18:34	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	02/14/20 10:15	02/14/20 18:34	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	02/14/20 10:15	02/14/20 18:34	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	02/14/20 10:15	02/14/20 18:34	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	02/14/20 10:15	02/14/20 18:34	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	02/14/20 10:15	02/14/20 18:34	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	02/14/20 10:15	02/14/20 18:34	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	02/14/20 10:15	02/14/20 18:34	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-35-4	W
cis-1,2-Dichloroethene	53.9J	ug/kg	72.6	30.2	1	02/14/20 10:15	02/14/20 18:34	156-59-2	
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	02/14/20 10:15	02/14/20 18:34	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	02/14/20 10:15	02/14/20 18:34	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	02/14/20 10:15	02/14/20 18:34	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	02/14/20 10:15	02/14/20 18:34	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 18:34	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	02/14/20 10:15	02/14/20 18:34	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	02/14/20 10:15	02/14/20 18:34	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Sample: SP-1 (2-4) **Lab ID: 40203161001** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 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	02/14/20 10:15	02/14/20 18:34	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	79-34-5	W
Tetrachloroethene	502	ug/kg	156	46.8	1	02/14/20 10:15	02/14/20 18:34	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	02/14/20 10:15	02/14/20 18:34	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	02/14/20 10:15	02/14/20 18:34	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	79-00-5	W
Trichloroethene	105	ug/kg	72.6	30.2	1	02/14/20 10:15	02/14/20 18:34	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	02/14/20 10:15	02/14/20 18:34	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	02/14/20 10:15	02/14/20 18:34	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 18:34	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	57-146		1	02/14/20 10:15	02/14/20 18:34	1868-53-7	
Toluene-d8 (S)	99	%	64-134		1	02/14/20 10:15	02/14/20 18:34	2037-26-5	
4-Bromofluorobenzene (S)	92	%	54-126		1	02/14/20 10:15	02/14/20 18:34	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	17.3	%	0.10	0.10	1		02/17/20 09:08		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

Sample: SP-1 (4-6) **Lab ID: 40203161002** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 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	02/14/20 10:15	02/14/20 12:47	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	02/14/20 10:15	02/14/20 12:47	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	02/14/20 10:15	02/14/20 12:47	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	02/14/20 10:15	02/14/20 12:47	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	02/14/20 10:15	02/14/20 12:47	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 12:47	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	02/14/20 10:15	02/14/20 12:47	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	02/14/20 10:15	02/14/20 12:47	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	02/14/20 10:15	02/14/20 12:47	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	02/14/20 10:15	02/14/20 12:47	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	02/14/20 10:15	02/14/20 12:47	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	02/14/20 10:15	02/14/20 12:47	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	02/14/20 10:15	02/14/20 12:47	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	02/14/20 10:15	02/14/20 12:47	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	02/14/20 10:15	02/14/20 12:47	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	02/14/20 10:15	02/14/20 12:47	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	02/14/20 10:15	02/14/20 12:47	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	02/14/20 10:15	02/14/20 12:47	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	02/14/20 10:15	02/14/20 12:47	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	02/14/20 10:15	02/14/20 12:47	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	02/14/20 10:15	02/14/20 12:47	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	100-42-5	W

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

Sample: SP-1 (4-6) **Lab ID: 40203161002** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 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	02/14/20 10:15	02/14/20 12:47	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	79-34-5	W
Tetrachloroethene	3650	ug/kg	150	45.0	1	02/14/20 10:15	02/14/20 12:47	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	02/14/20 10:15	02/14/20 12:47	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	02/14/20 10:15	02/14/20 12:47	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	79-00-5	W
Trichloroethene	219	ug/kg	69.7	29.0	1	02/14/20 10:15	02/14/20 12:47	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	02/14/20 10:15	02/14/20 12:47	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	02/14/20 10:15	02/14/20 12:47	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	02/14/20 10:15	02/14/20 12:47	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	57-146		1	02/14/20 10:15	02/14/20 12:47	1868-53-7	
Toluene-d8 (S)	100	%	64-134		1	02/14/20 10:15	02/14/20 12:47	2037-26-5	
4-Bromofluorobenzene (S)	94	%	54-126		1	02/14/20 10:15	02/14/20 12:47	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.9	%	0.10	0.10	1		02/17/20 09:08		

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

Sample: SD-1 **Lab ID: 40203161003** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		02/11/20 16:06	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		02/11/20 16:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		02/11/20 16:06	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		02/11/20 16:06	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		02/11/20 16:06	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		02/11/20 16:06	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		02/11/20 16:06	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		02/11/20 16:06	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		02/11/20 16:06	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		02/11/20 16:06	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		02/11/20 16:06	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		02/11/20 16:06	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		02/11/20 16:06	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		02/11/20 16:06	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		02/11/20 16:06	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		02/11/20 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		02/11/20 16:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		02/11/20 16:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		02/11/20 16:06	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		02/11/20 16:06	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		02/11/20 16:06	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		02/11/20 16:06	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		02/11/20 16:06	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		02/11/20 16:06	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		02/11/20 16:06	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		02/11/20 16:06	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		02/11/20 16:06	75-35-4	
cis-1,2-Dichloroethene	154	ug/L	1.0	0.27	1		02/11/20 16:06	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		02/11/20 16:06	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		02/11/20 16:06	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		02/11/20 16:06	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		02/11/20 16:06	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		02/11/20 16:06	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		02/11/20 16:06	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		02/11/20 16:06	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		02/11/20 16:06	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		02/11/20 16:06	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		02/11/20 16:06	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		02/11/20 16:06	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		02/11/20 16:06	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		02/11/20 16:06	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		02/11/20 16:06	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		02/11/20 16:06	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		02/11/20 16:06	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		02/11/20 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		02/11/20 16:06	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Sample: SD-1 **Lab ID: 40203161003** Collected: 02/07/20 00:00 Received: 02/10/20 12:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		02/11/20 16:06	79-34-5	
Tetrachloroethene	25.7	ug/L	1.1	0.33	1		02/11/20 16:06	127-18-4	
Toluene	0.41J	ug/L	5.0	0.17	1		02/11/20 16:06	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		02/11/20 16:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		02/11/20 16:06	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		02/11/20 16:06	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		02/11/20 16:06	79-00-5	
Trichloroethene	30.0	ug/L	1.0	0.26	1		02/11/20 16:06	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		02/11/20 16:06	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		02/11/20 16:06	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		02/11/20 16:06	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		02/11/20 16:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		02/11/20 16:06	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		02/11/20 16:06	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		02/11/20 16:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		02/11/20 16:06	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		02/11/20 16:06	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		02/11/20 16:06	2037-26-5	

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

QC Batch: 347803 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40203161001, 40203161002

METHOD BLANK: 2016860 Matrix: Solid
Associated Lab Samples: 40203161001, 40203161002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	02/14/20 10:44	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	02/14/20 10:44	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	02/14/20 10:44	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	02/14/20 10:44	
1,1-Dichloroethane	ug/kg	<13.5	50.0	02/14/20 10:44	
1,1-Dichloroethene	ug/kg	<11.8	50.0	02/14/20 10:44	
1,1-Dichloropropene	ug/kg	<10.7	50.0	02/14/20 10:44	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	02/14/20 10:44	
1,2,3-Trichloropropane	ug/kg	<37.4	125	02/14/20 10:44	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	02/14/20 10:44	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	02/14/20 10:44	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	02/14/20 10:44	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	02/14/20 10:44	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	02/14/20 10:44	
1,2-Dichloroethane	ug/kg	<13.8	50.0	02/14/20 10:44	
1,2-Dichloropropane	ug/kg	<13.5	50.0	02/14/20 10:44	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	02/14/20 10:44	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	02/14/20 10:44	
1,3-Dichloropropane	ug/kg	<11.0	50.0	02/14/20 10:44	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	02/14/20 10:44	
2,2-Dichloropropane	ug/kg	<15.7	52.0	02/14/20 10:44	
2-Chlorotoluene	ug/kg	<19.3	64.0	02/14/20 10:44	
4-Chlorotoluene	ug/kg	<19.3	64.0	02/14/20 10:44	
Benzene	ug/kg	<12.5	42.0	02/14/20 10:44	
Bromobenzene	ug/kg	<18.5	62.0	02/14/20 10:44	
Bromochloromethane	ug/kg	<20.9	70.0	02/14/20 10:44	
Bromodichloromethane	ug/kg	<10.0	50.0	02/14/20 10:44	
Bromoform	ug/kg	<21.6	72.0	02/14/20 10:44	
Bromomethane	ug/kg	<63.8	250	02/14/20 10:44	
Carbon tetrachloride	ug/kg	<7.5	50.0	02/14/20 10:44	
Chlorobenzene	ug/kg	<16.8	56.0	02/14/20 10:44	
Chloroethane	ug/kg	<46.4	250	02/14/20 10:44	
Chloroform	ug/kg	<47.5	250	02/14/20 10:44	
Chloromethane	ug/kg	<24.0	80.0	02/14/20 10:44	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	02/14/20 10:44	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	02/14/20 10:44	
Dibromochloromethane	ug/kg	<229	763	02/14/20 10:44	
Dibromomethane	ug/kg	<17.7	59.0	02/14/20 10:44	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	02/14/20 10:44	
Diisopropyl ether	ug/kg	<14.0	50.0	02/14/20 10:44	
Ethylbenzene	ug/kg	<14.5	50.0	02/14/20 10:44	

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: 6733 201 S. MAIN

Pace Project No.: 40203161

METHOD BLANK: 2016860

Matrix: Solid

Associated Lab Samples: 40203161001, 40203161002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	02/14/20 10:44	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	02/14/20 10:44	
m&p-Xylene	ug/kg	<32.4	108	02/14/20 10:44	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	02/14/20 10:44	
Methylene Chloride	ug/kg	<26.3	88.0	02/14/20 10:44	
n-Butylbenzene	ug/kg	<30.0	100	02/14/20 10:44	
n-Propylbenzene	ug/kg	<17.8	59.0	02/14/20 10:44	
Naphthalene	ug/kg	<27.3	91.0	02/14/20 10:44	
o-Xylene	ug/kg	<18.1	60.0	02/14/20 10:44	
p-Isopropyltoluene	ug/kg	<21.7	72.0	02/14/20 10:44	
sec-Butylbenzene	ug/kg	<21.5	72.0	02/14/20 10:44	
Styrene	ug/kg	<12.3	50.0	02/14/20 10:44	
tert-Butylbenzene	ug/kg	<18.7	62.0	02/14/20 10:44	
Tetrachloroethene	ug/kg	<38.7	129	02/14/20 10:44	
Toluene	ug/kg	<13.1	50.0	02/14/20 10:44	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	02/14/20 10:44	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	02/14/20 10:44	
Trichloroethene	ug/kg	<12.8	50.0	02/14/20 10:44	
Trichlorofluoromethane	ug/kg	<19.6	65.0	02/14/20 10:44	
Vinyl chloride	ug/kg	<14.5	50.0	02/14/20 10:44	
4-Bromofluorobenzene (S)	%	91	54-126	02/14/20 10:44	
Dibromofluoromethane (S)	%	97	57-146	02/14/20 10:44	
Toluene-d8 (S)	%	98	64-134	02/14/20 10:44	

LABORATORY CONTROL SAMPLE: 2016861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2700	108	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2580	103	70-130	
1,1-Dichloroethane	ug/kg	2500	2680	107	70-130	
1,1-Dichloroethene	ug/kg	2500	2310	92	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2270	91	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2110	85	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2410	96	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2600	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2320	93	70-134	
1,2-Dichloropropane	ug/kg	2500	2600	104	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2650	106	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2590	104	70-130	
Benzene	ug/kg	2500	2660	107	70-130	
Bromodichloromethane	ug/kg	2500	2340	94	70-130	
Bromoform	ug/kg	2500	2030	81	47-115	
Bromomethane	ug/kg	2500	1750	70	64-165	

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

LABORATORY CONTROL SAMPLE: 2016861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2360	94	70-131	
Chlorobenzene	ug/kg	2500	2510	100	70-130	
Chloroethane	ug/kg	2500	2240	89	28-197	
Chloroform	ug/kg	2500	2460	98	80-131	
Chloromethane	ug/kg	2500	2170	87	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2490	99	70-130	
Dibromochloromethane	ug/kg	2500	2420	97	70-130	
Dichlorodifluoromethane	ug/kg	2500	1220	49	38-108	
Ethylbenzene	ug/kg	2500	2440	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2370	95	70-130	
m&p-Xylene	ug/kg	5000	4970	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2290	92	70-130	
Methylene Chloride	ug/kg	2500	2600	104	70-130	
o-Xylene	ug/kg	2500	2460	99	70-130	
Styrene	ug/kg	2500	2580	103	70-130	
Tetrachloroethene	ug/kg	2500	2330	93	70-130	
Toluene	ug/kg	2500	2610	104	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2410	97	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2160	86	70-130	
Trichloroethene	ug/kg	2500	2450	98	70-130	
Trichlorofluoromethane	ug/kg	2500	2120	85	81-141	
Vinyl chloride	ug/kg	2500	2000	80	68-121	
4-Bromofluorobenzene (S)	%			98	54-126	
Dibromofluoromethane (S)	%			103	57-146	
Toluene-d8 (S)	%			104	64-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2016862 2016863

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40203161002 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<25.0	1450	1460	1320	1280	91	87	64-132	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1450	1460	1620	1540	112	105	70-132	5	20		
1,1,2-Trichloroethane	ug/kg	<25.0	1450	1460	1440	1470	99	100	70-130	2	20		
1,1-Dichloroethane	ug/kg	<25.0	1450	1460	1620	1560	112	106	70-130	4	20		
1,1-Dichloroethene	ug/kg	<25.0	1450	1460	1330	1290	92	88	65-126	3	21		
1,2,4-Trichlorobenzene	ug/kg	<41.7	1450	1460	1500	1420	103	96	66-139	6	20		
1,2-Dibromo-3-chloropropane	ug/kg	<237	1450	1460	1410	1280	97	87	47-146	9	23		
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1450	1460	1370	1370	95	93	70-130	0	20		
1,2-Dichlorobenzene	ug/kg	<25.0	1450	1460	1560	1550	107	106	70-130	0	20		
1,2-Dichloroethane	ug/kg	<25.0	1450	1460	1440	1390	99	94	70-136	4	20		
1,2-Dichloropropane	ug/kg	<25.0	1450	1460	1570	1510	108	102	74-124	4	20		
1,3-Dichlorobenzene	ug/kg	<25.0	1450	1460	1550	1500	107	102	70-130	3	20		
1,4-Dichlorobenzene	ug/kg	<25.0	1450	1460	1610	1510	111	103	70-130	6	20		

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

Parameter	Units	2016862		2016863		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40203161002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Benzene	ug/kg	<25.0	1450	1460	1620	1550	112	106	70-130	5	20
Bromodichloromethane	ug/kg	<25.0	1450	1460	1390	1310	96	90	70-130	5	20
Bromoform	ug/kg	<25.0	1450	1460	1190	1130	82	77	47-129	5	20
Bromomethane	ug/kg	<63.8	1450	1460	1110	1070	77	73	41-180	4	20
Carbon tetrachloride	ug/kg	<25.0	1450	1460	1310	1310	90	89	58-133	1	20
Chlorobenzene	ug/kg	<25.0	1450	1460	1450	1430	100	97	70-130	1	20
Chloroethane	ug/kg	<46.4	1450	1460	1350	1310	93	89	28-197	3	20
Chloroform	ug/kg	<47.5	1450	1460	1510	1460	104	100	80-131	3	20
Chloromethane	ug/kg	<25.0	1450	1460	1220	1200	84	82	26-118	2	20
cis-1,2-Dichloroethene	ug/kg	<25.0	1450	1460	1550	1480	105	99	70-130	5	20
cis-1,3-Dichloropropene	ug/kg	<42.3	1450	1460	1440	1330	99	91	70-130	8	20
Dibromochloromethane	ug/kg	<229	1450	1460	1360	1330	93	90	67-130	2	20
Dichlorodifluoromethane	ug/kg	<25.0	1450	1460	543	478	37	33	12-108	13	29
Ethylbenzene	ug/kg	<25.0	1450	1460	1380	1340	95	91	80-122	3	20
Isopropylbenzene (Cumene)	ug/kg	<25.0	1450	1460	1320	1290	91	88	70-130	3	20
m&p-Xylene	ug/kg	<50.0	2900	2940	2860	2780	98	95	70-130	3	20
Methyl-tert-butyl ether	ug/kg	<25.0	1450	1460	1390	1360	96	92	70-130	2	20
Methylene Chloride	ug/kg	<26.3	1450	1460	1560	1520	108	104	70-130	3	20
o-Xylene	ug/kg	<25.0	1450	1460	1460	1370	100	94	70-130	6	20
Styrene	ug/kg	<25.0	1450	1460	1500	1460	103	99	70-130	3	20
Tetrachloroethene	ug/kg	3650	1450	1460	4880	4960	85	89	70-130	2	20
Toluene	ug/kg	<25.0	1450	1460	1430	1460	99	100	80-121	2	20
trans-1,2-Dichloroethene	ug/kg	<25.0	1450	1460	1440	1390	99	95	70-130	4	20
trans-1,3-Dichloropropene	ug/kg	<25.0	1450	1460	1220	1200	84	82	70-130	2	20
Trichloroethene	ug/kg	219	1450	1460	1650	1580	98	92	70-130	4	20
Trichlorofluoromethane	ug/kg	<25.0	1450	1460	1170	1140	80	77	60-141	3	26
Vinyl chloride	ug/kg	<25.0	1450	1460	1090	1060	75	72	46-121	4	20
4-Bromofluorobenzene (S)	%						102	101	54-126		
Dibromofluoromethane (S)	%						108	107	57-146		
Toluene-d8 (S)	%						99	103	64-134		

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

QC Batch: 347443 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40203161003

METHOD BLANK: 2014980 Matrix: Water
Associated Lab Samples: 40203161003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	02/11/20 08:14	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	02/11/20 08:14	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	02/11/20 08:14	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	02/11/20 08:14	
1,1-Dichloroethane	ug/L	<0.27	1.0	02/11/20 08:14	
1,1-Dichloroethene	ug/L	<0.24	1.0	02/11/20 08:14	
1,1-Dichloropropene	ug/L	<0.54	1.8	02/11/20 08:14	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	02/11/20 08:14	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	02/11/20 08:14	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	02/11/20 08:14	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	02/11/20 08:14	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	02/11/20 08:14	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	02/11/20 08:14	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	02/11/20 08:14	
1,2-Dichloroethane	ug/L	<0.28	1.0	02/11/20 08:14	
1,2-Dichloropropane	ug/L	<0.28	1.0	02/11/20 08:14	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	02/11/20 08:14	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	02/11/20 08:14	
1,3-Dichloropropane	ug/L	<0.83	2.8	02/11/20 08:14	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	02/11/20 08:14	
2,2-Dichloropropane	ug/L	<2.3	7.6	02/11/20 08:14	
2-Chlorotoluene	ug/L	<0.93	5.0	02/11/20 08:14	
4-Chlorotoluene	ug/L	<0.76	2.5	02/11/20 08:14	
Benzene	ug/L	<0.25	1.0	02/11/20 08:14	
Bromobenzene	ug/L	<0.24	1.0	02/11/20 08:14	
Bromochloromethane	ug/L	<0.36	5.0	02/11/20 08:14	
Bromodichloromethane	ug/L	<0.36	1.2	02/11/20 08:14	
Bromoform	ug/L	<4.0	13.2	02/11/20 08:14	
Bromomethane	ug/L	<0.97	5.0	02/11/20 08:14	
Carbon tetrachloride	ug/L	<0.17	1.0	02/11/20 08:14	
Chlorobenzene	ug/L	<0.71	2.4	02/11/20 08:14	
Chloroethane	ug/L	<1.3	5.0	02/11/20 08:14	
Chloroform	ug/L	<1.3	5.0	02/11/20 08:14	
Chloromethane	ug/L	<2.2	7.3	02/11/20 08:14	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	02/11/20 08:14	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	02/11/20 08:14	
Dibromochloromethane	ug/L	<2.6	8.7	02/11/20 08:14	
Dibromomethane	ug/L	<0.94	3.1	02/11/20 08:14	
Dichlorodifluoromethane	ug/L	<0.50	5.0	02/11/20 08:14	
Diisopropyl ether	ug/L	<1.9	6.3	02/11/20 08:14	
Ethylbenzene	ug/L	<0.22	1.0	02/11/20 08:14	

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

METHOD BLANK: 2014980

Matrix: Water

Associated Lab Samples: 40203161003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	02/11/20 08:14	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	02/11/20 08:14	
m&p-Xylene	ug/L	<0.47	2.0	02/11/20 08:14	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	02/11/20 08:14	
Methylene Chloride	ug/L	0.62J	5.0	02/11/20 08:14	
n-Butylbenzene	ug/L	<0.71	2.4	02/11/20 08:14	
n-Propylbenzene	ug/L	<0.81	5.0	02/11/20 08:14	
Naphthalene	ug/L	<1.2	5.0	02/11/20 08:14	
o-Xylene	ug/L	<0.26	1.0	02/11/20 08:14	
p-Isopropyltoluene	ug/L	<0.80	2.7	02/11/20 08:14	
sec-Butylbenzene	ug/L	<0.85	5.0	02/11/20 08:14	
Styrene	ug/L	<0.47	1.6	02/11/20 08:14	
tert-Butylbenzene	ug/L	<0.30	1.0	02/11/20 08:14	
Tetrachloroethene	ug/L	<0.33	1.1	02/11/20 08:14	
Toluene	ug/L	<0.17	5.0	02/11/20 08:14	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	02/11/20 08:14	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	02/11/20 08:14	
Trichloroethene	ug/L	<0.26	1.0	02/11/20 08:14	
Trichlorofluoromethane	ug/L	<0.21	1.0	02/11/20 08:14	
Vinyl chloride	ug/L	<0.17	1.0	02/11/20 08:14	
4-Bromofluorobenzene (S)	%	99	70-130	02/11/20 08:14	
Dibromofluoromethane (S)	%	105	70-130	02/11/20 08:14	
Toluene-d8 (S)	%	104	70-130	02/11/20 08:14	

LABORATORY CONTROL SAMPLE: 2014981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.4	107	70-130	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	55.9	112	73-150	
1,1-Dichloroethene	ug/L	50	49.3	99	73-138	
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.5	91	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	58.2	116	75-140	
1,2-Dichloropropane	ug/L	50	57.8	116	73-135	
1,3-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
Benzene	ug/L	50	54.6	109	70-130	
Bromodichloromethane	ug/L	50	52.9	106	70-130	
Bromoform	ug/L	50	45.5	91	68-129	
Bromomethane	ug/L	50	48.2	96	18-159	

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

LABORATORY CONTROL SAMPLE: 2014981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	53.1	106	70-130	
Chlorobenzene	ug/L	50	52.2	104	70-130	
Chloroethane	ug/L	50	48.1	96	53-147	
Chloroform	ug/L	50	53.6	107	74-136	
Chloromethane	ug/L	50	40.1	80	29-115	
cis-1,2-Dichloroethene	ug/L	50	50.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Dibromochloromethane	ug/L	50	49.6	99	70-130	
Dichlorodifluoromethane	ug/L	50	45.9	92	10-130	
Ethylbenzene	ug/L	50	52.6	105	80-124	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	45.7	91	54-137	
Methylene Chloride	ug/L	50	49.0	98	73-138	
o-Xylene	ug/L	50	49.6	99	70-130	
Styrene	ug/L	50	51.8	104	70-130	
Tetrachloroethene	ug/L	50	50.1	100	70-130	
Toluene	ug/L	50	51.1	102	80-126	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	73-145	
trans-1,3-Dichloropropene	ug/L	50	43.5	87	70-130	
Trichloroethene	ug/L	50	53.9	108	70-130	
Trichlorofluoromethane	ug/L	50	57.9	116	76-147	
Vinyl chloride	ug/L	50	46.0	92	51-120	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2014986 2014987

Parameter	Units	2014986		2014987		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40203144006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.24	50	50	53.0	54.1	106	108	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	55.8	56.7	112	113	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	53.8	56.5	108	113	70-137	5	20	
1,1-Dichloroethane	ug/L	0.34J	50	50	57.8	58.7	115	117	73-153	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.2	51.4	102	103	73-138	0	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	52.2	53.0	104	106	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	49.9	49.1	100	98	58-129	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.9	51.1	100	102	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	52.4	52.9	105	106	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	59.3	60.4	119	121	75-140	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	59.2	59.8	118	120	71-138	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	52.6	53.0	105	106	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	52.8	53.5	106	107	70-130	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: 6733 201 S. MAIN

Pace Project No.: 40203161

Parameter	Units	2014986			2014987			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40203144006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Benzene	ug/L	<0.25	50	50	55.5	56.4	111	113	70-130	2	20			
Bromodichloromethane	ug/L	<0.36	50	50	54.8	55.8	110	112	70-130	2	20			
Bromoform	ug/L	<4.0	50	50	46.9	48.1	94	96	68-129	2	20			
Bromomethane	ug/L	<0.97	50	50	54.5	59.6	109	119	15-170	9	20			
Carbon tetrachloride	ug/L	<0.17	50	50	55.4	56.7	111	113	70-130	2	20			
Chlorobenzene	ug/L	<0.71	50	50	53.2	54.7	106	109	70-130	3	20			
Chloroethane	ug/L	<1.3	50	50	48.2	49.6	96	99	51-148	3	20			
Chloroform	ug/L	<1.3	50	50	54.6	55.8	109	112	74-136	2	20			
Chloromethane	ug/L	<2.2	50	50	42.0	41.7	84	83	23-115	1	20			
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	52.7	53.1	105	106	70-131	1	20			
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	49.5	50.5	99	101	70-130	2	20			
Dibromochloromethane	ug/L	<2.6	50	50	50.9	52.8	102	106	70-130	4	20			
Dichlorodifluoromethane	ug/L	<0.50	50	50	46.4	46.8	93	94	10-132	1	20			
Ethylbenzene	ug/L	<0.22	50	50	53.9	55.9	108	112	80-125	4	20			
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	52.8	54.5	106	109	70-130	3	20			
m&p-Xylene	ug/L	<0.47	100	100	105	108	105	108	70-130	3	20			
Methyl-tert-butyl ether	ug/L	<1.2	50	50	47.5	48.1	95	96	51-145	1	20			
Methylene Chloride	ug/L	<0.58	50	50	50.1	50.6	100	101	73-140	1	20			
o-Xylene	ug/L	<0.26	50	50	50.8	52.7	102	105	70-130	4	20			
Styrene	ug/L	<0.47	50	50	53.2	54.8	106	110	70-130	3	20			
Tetrachloroethene	ug/L	<0.33	50	50	51.8	53.2	104	106	70-130	3	20			
Toluene	ug/L	<0.17	50	50	52.7	54.4	105	109	80-131	3	20			
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	50.9	51.1	102	102	73-148	0	20			
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	46.1	47.4	92	95	70-130	3	20			
Trichloroethene	ug/L	<0.26	50	50	55.6	56.9	111	114	70-130	2	20			
Trichlorofluoromethane	ug/L	<0.21	50	50	59.4	59.8	119	120	74-147	1	20			
Vinyl chloride	ug/L	<0.17	50	50	46.4	47.8	93	96	41-129	3	20			
4-Bromofluorobenzene (S)	%						99	102	70-130					
Dibromofluoromethane (S)	%						107	105	70-130					
Toluene-d8 (S)	%						102	104	70-130					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6733 201 S. MAIN

Pace Project No.: 40203161

QC Batch: 347878

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40203161001, 40203161002

SAMPLE DUPLICATE: 2017260

Parameter	Units	40203119001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.6	10	4	10	

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QUALIFIERS

Project: 6733 201 S. MAIN
Pace Project No.: 40203161

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

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: 6733 201 S. MAIN

Pace Project No.: 40203161

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40203161001	SP-1 (2-4)	EPA 5035/5030B	347803	EPA 8260	347807
40203161002	SP-1 (4-6)	EPA 5035/5030B	347803	EPA 8260	347807
40203161003	SD-1	EPA 8260	347443		
40203161001	SP-1 (2-4)	ASTM D2974-87	347878		
40203161002	SP-1 (4-6)	ASTM D2974-87	347878		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)



40203161

Company Name: Moraine EWW.
 Branch/Location: Fredonia
 Project Contact: Dave Lennon
 Phone: 262-692-3345
 Project Number: 6733
 Project Name: 201 S. Main
 Project State: WI
 Sampled By (Print): Dave Lennon
 Sampled By (Sign): Dave Lennon

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	N	N								
Pick Letter	F	A	B								
Analyses Requested	VOL	Dry wt	VOL								

Quote #:
 Mail To Contact:
 Mail To Company: Moraine EWW.
766 Tower Dr.
Fredonia, WI 53021
 Mail To Address:
 Invoice To Contact: AS
 Invoice To Company: AS
 Invoice To Address: Above

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 = W/pipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	SP-1 (2-4)	2/7/20		S
002	SP-1 (4-6)	2/7/20		S
003	SD-1	2/7/20		GW

Invoice To Phone:
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only) SKW
 Profile #

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: <u>Dave Lennon</u> Date/Time: <u>2/10/20 1025</u>	Received By: <u>Allyce</u> Date/Time: <u>2/10/20 1025</u>
Relinquished By: <u>Allyce</u> Date/Time: <u>2/10/20 125</u>	Received By: <u>GM of Pace</u> Date/Time: <u>2/10/20 1215</u>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. 40203161
 Receipt Temp = RU °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
Intact / Not Intact

Page 23 of 25

Sample Preservation Receipt Form

Client Name: Moraine

Project # 40203161

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 ≤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	BP3B	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
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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: Moraine
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #:

WO# : 40203161



40203161

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: 20 / 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: 2/10/20
 Initials: CS

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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no times</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>SLW</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: Person Contacted: _____ Date/Time: _____ If checked, see attached form for additional comments
 Comments/ Resolution: _____

Project Manager Review: _____ Date: 2/20/2020
 Page 2 of 25