

## Lauridsen, Keld B - DNR

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**From:** Hronek, Sally S - DNR  
**Sent:** Tuesday, December 20, 2022 8:45 AM  
**To:** Lauridsen, Keld B - DNR  
**Subject:** FW: GP-North approval for 1-time disposal of contaminated material

I forgot to add you to the FYI list – Georgia Pacific decided to bring the material to BC South MSW landfill in the Town of Holland (located across the street from the BC Organics facility).

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Sally Hronek

Mobile: 1-920-609-5236

[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)

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**From:** DuFresne, Kristin I - DNR <[Kristin.DuFresne@wisconsin.gov](mailto:Kristin.DuFresne@wisconsin.gov)>  
**Sent:** Tuesday, December 20, 2022 8:41 AM  
**To:** Hronek, Sally S - DNR <[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)>  
**Subject:** RE: GP-North approval for 1-time disposal of contaminated material

Sally – Thank you for the update.

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Kristin DuFresne

Phone: 920-662-5128

Cell Phone: 920-492-8362

[Kristin.dufresne@wisconsin.gov](mailto:Kristin.dufresne@wisconsin.gov)

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**From:** Hronek, Sally S - DNR <[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)>  
**Sent:** Tuesday, December 20, 2022 8:31 AM  
**To:** DuFresne, Kristin I - DNR <[Kristin.DuFresne@wisconsin.gov](mailto:Kristin.DuFresne@wisconsin.gov)>; Joosten, Valerie A - DNR <[Valerie.Joosten@wisconsin.gov](mailto:Valerie.Joosten@wisconsin.gov)>; Marciulionis, Jacqueline R - DNR <[Jacqueline.Marciulionis@wisconsin.gov](mailto:Jacqueline.Marciulionis@wisconsin.gov)>  
**Subject:** FW: GP-North approval for 1-time disposal of contaminated material

FYI

I will pdf and add to CFR.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Sally Hronek

Mobile: 1-920-609-5236

[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)

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**From:** Beaulieu, Jacquelyn Marie <[jacquelyn.beaulieu@gapac.com](mailto:jacquelyn.beaulieu@gapac.com)>  
**Sent:** Tuesday, December 20, 2022 8:09 AM  
**To:** Hronek, Sally S - DNR <[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)>; Tiller, Matt M <[Matt.Tiller@GAPAC.com](mailto:Matt.Tiller@GAPAC.com)>  
**Cc:** Moore, Michael T <[MICHAEL.MOORE@GAPAC.com](mailto:MICHAEL.MOORE@GAPAC.com)>  
**Subject:** RE: GP-North approval for 1-time disposal of contaminated material

**CAUTION: This email originated from outside the organization.  
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Sally

Thank you for the approval. The facility ended up deciding to bring this material to Brown County Landfill, nothing will be going to North Landfill.

Thank you,

## Jacquelyn Beaulieu (Pomerville)

### *Environmental Manager*

Georgia-Pacific Consumer Operations LLC  
Green Bay Operations  
Office #: 920-438-4243  
Cell #: 920-606-3228  
[jacquelyn.beaulieu@gapac.com](mailto:jacquelyn.beaulieu@gapac.com)

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**From:** Hronek, Sally S - DNR <[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)>  
**Sent:** Wednesday, November 30, 2022 9:04 AM  
**To:** Tiller, Matt M <[Matt.Tiller@GAPAC.com](mailto:Matt.Tiller@GAPAC.com)>  
**Cc:** Beaulieu, Jacquelyn Marie <[jacquelyn.beaulieu@gapac.com](mailto:jacquelyn.beaulieu@gapac.com)>; Moore, Michael T <[MICHAEL.MOORE@GAPAC.com](mailto:MICHAEL.MOORE@GAPAC.com)>;  
DuFresne, Kristin I - DNR <[Kristin.DuFresne@wisconsin.gov](mailto:Kristin.DuFresne@wisconsin.gov)>; Marciulionis, Jacqueline R - DNR  
<[Jacqueline.Marciulionis@wisconsin.gov](mailto:Jacqueline.Marciulionis@wisconsin.gov)>; Joosten, Valerie A - DNR <[Valerie.Joosten@wisconsin.gov](mailto:Valerie.Joosten@wisconsin.gov)>  
**Subject:** GP-North approval for 1-time disposal of contaminated material

Sent by an external sender

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Hi Matt –

Please find attached the approval to dispose of contaminated material at the North landfill. Please read it over carefully and note the operational conditions and required follow-up and corresponding deadline.

Let us know if you have any questions.  
Thank you.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Sally Hronek**

Waste & Materials Management Engineer – Environmental Management Division

Wisconsin Department of Natural Resources  
2984 Shawano Ave., Green Bay, WI 54313  
Mobile: 1-920-609-5236  
[Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov)





November 30, 2022

FID 4710930400  
Winnebago County  
SW/Approval

Matt Tiller  
Georgia-Pacific, LLC  
133 Peachtree Street NE  
Atlanta, GA 30303

Subject: Conditional Plan of Operation Approval Modification for the One-Time Disposal of Contaminated Material at the Georgia-Pacific North Landfill, Winnebago County, License No. 3275

Dear Mr. Tiller:

The Department of Natural Resources (department) approves the requested modification to the plan of operation for the Georgia-Pacific (GP) North Landfill, subject to the conditions listed in the attached approval. Please include the attached approval in the written operating record for the landfill as specified in s. NR 506.17, Wis. Adm. Code.

The plan of operation approval modification request is for the one-time disposal of approximately 1,600 cubic yards (cy) of contaminated soil within the approved waste fill areas at the GP North landfill. The material proposed for disposal will be excavated from GP's Broadway mill facility to accommodate building expansion and will be disposed by the end of 2022.


The soils consist of mostly clay with some gravel, silt/sand, and debris (brick, wood, etc.) and are contaminated with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs) at levels above ch. NR 720, Wis. Adm. Code, industrial direct contact residual contaminant levels (RCLs) and groundwater pathway RCLs. In addition, the soils contain per- and polyfluoroalkyl substances with perfluorooctanesulfonic acid (PFOS) above calculated groundwater pathway RCLs. Toxicity characteristic Leachate Procedure (TCLP) tests results indicate the waste is not characteristic of a hazardous waste with respect to metals. The analytical results for several samples identify total PCBs above 1 ppm. Because the contaminated material may be considered a PCB remediation waste under 40 CFR 761.3, the GP North Landfill was selected for disposal.

The federal rules allow PCB remediation waste to be disposed of at a licensed non-municipal solid waste landfill subject to 40 CFR §§257.5 through 257.30. GP North Landfill meets Wisconsin's equivalent requirements under NR 506.155, Wis. Adm. Code, because it is an approved landfill and its design meets the requirements under s. NR 504.05 – 504.09, Wis. Adm. Code. The GP North Landfill was approved in 1996 and has a 5-foot engineered clay liner and leachate collection system design.

The North Landfill is approved to receive only papermill sludge. The landfill has not received waste since 1998 and, as such, has an interim cover soil over the in-place waste. The landfill has a remaining capacity of approximately 410,020 cy.

Please keep in mind that this approval does not relieve you of obligations to meet all other applicable federal, state and local permits, as well as zoning and regulatory requirements. If you have questions regarding this approval, please contact Sally Hronek at 920-609-5236 or [Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov).

Sincerely,



Kristin DuFresne  
Waste and Materials Management Program Supervisor  
Northeast Region

Enclosed - Approval

cc: Jacquelyn Beaulieu – GP (via email: [jacquelyn.beaulieu@gapac.com](mailto:jacquelyn.beaulieu@gapac.com))  
Sally Hronek – DNR/WA (via email: [sally.hronek@wisconsin.gov](mailto:sally.hronek@wisconsin.gov))  
Jackie Marciulionis – DNR/WA (via email: [jacqueline.marciulionis@wisconsin.gov](mailto:jacqueline.marciulionis@wisconsin.gov))  
Valerie Joosten – DNR/WA (via email: [valerie.joosten@wisconsin.gov](mailto:valerie.joosten@wisconsin.gov))

**BEFORE THE  
STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES**

**CONDITIONAL PLAN OF OPERATION APPROVAL MODIFICATION  
FOR  
ONE-TIME DISPOSAL OF CONTAMINATED MATERIAL  
AT THE  
THE GEORGIA-PACIFIC NORTH LANDFILL  
(LIC. NO. 3275)**

**FINDINGS OF FACT**

The Department of Natural Resources (department) finds that:

1. Georgia-Pacific Consumer Operations LLC owns and operates an industrial (non-hazardous) disposal facility located in the NE ¼ of the SW ¼ of Section 10, and the SW ¼ of Section 11, Township 19 North, Range 16 East, Town of Vinland, Winnebago County, Wisconsin.
2. A conditional plan of operation approval was issued by the department for the facility on May 8, 1996.
3. On November 17, 2022, Georgia-Pacific (GP) submitted a request to the department for modifications to the plan of operation approval for the North Landfill. The review fee of \$1,650 was received by the department on November 22, 2022.
4. The information submitted in connection with the modification request includes the following:
  - a. A request prepared by GP titled, “2022 Plan of Operation Modification – One Time Disposal Request, Georgia-Pacific Consumer Operations LLC; North Landfill, Town of Vinland, Wisconsin; License No. 3275,” which is dated November 16, 2022, and was received by the department on November 17, 2022.
5. Additional documents considered in connection with the modification request include the following:
  - a. An email dated November 14, 2022, from the department providing feedback regarding the applicability of federal requirements and the GP North Landfill liner design.
  - b. The department’s October 21, 2022, objection letter for disposal of the contaminated material at the GP-Northland Landfill (lic. no. 2893).
  - c. The department’s January 10, 1997 conditional construction documentation for the Phase I, Module 1A liner at the GP North Landfill.
  - d. The department’s May 8, 1996, plan of operation approval for the GP North Landfill.
  - e. The department’s files for the GP North Landfill (lic. no. 3275).

6. Additional facts relevant to the review of the plan modification request include:
- a. On May 8, 1996, the department approved Phase I of the GP North Landfill. The Phase I design consists of 6 modules and is approximately 51 acres with a total design capacity of 3,062,000 cubic yards (cy). The landfill is within a 354.8-acre property owned by GP.
  - b. GP constructed Phase I, Module 1A (approximately 12-acres, located in the northeast corner of Phase I) with a design capacity of approximately 500,800 cy.
  - c. Between 1997-1998, a total of 103,777 tons of papermill sludge waste was disposed in Module 1A with no additional waste added since then.
  - d. GP is required to add 12-inches of clay as intermediate cover and adequately slope surfaces to manage storm water run-off from areas not receiving waste for more than 4-months.
  - e. GP North Landfill's plan of operation approval limits the waste disposed in the landfill to Wisconsin Tissue Mills, Inc. papermill sludge.
  - f. GP submitted the information required under s. NR 506.09(2), Wis. Adm. Code, within the plan of operation modification request for authorization to accept contaminated materials from a one-time project.
  - g. GP proposes to dispose of approximately 1,600 cubic yards of contaminated material, which consists of mostly soil (clay with some gravel, silt/sand) and debris (brick, wood, etc.). The material was excavated during a construction project at GP's Broadway Facility. The total volume to be disposed of is less than 5% of the total design capacity.
  - h. GP provided a data summary table and laboratory results for soil samples of the material. The material is contaminated with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs) at levels above ch. NR 720, Wis. Adm. Code, industrial direct contact residual contaminant levels (RCLs) and groundwater pathway RCLs. The material contains per- and polyfluoroalkyl substances with perfluorooctanesulfonic acid (PFOS) above calculated groundwater pathway RCLs.
  - i. The analytical results for several samples identify the material contains total PCBs above 1 ppm, but below 50 ppm. The department understands the material may be classified as PCB remediation waste under 40 CFR §761.3.
  - j. GP North Landfill meets the disposal requirements for PCB remediation waste under 40 CFR § 761.61 because it is a licensed non-municipal, solid waste disposal facility subject to requirements that are equivalent to 40 CFR §§257.5 through 257.30. GP North Landfill would comply with Wisconsin's equivalent requirements under s. NR 506.155, Wis. Adm. Code. GP North Landfill is an approved landfill as defined under s. 289.01(3), Wis. Stats.; it is currently in compliance with solid waste regulations and its approvals; and the landfill is in compliance with the minimum design criteria specified in s. NR 504.05, Wis. Adm. Code.
  - k. Toxicity characteristic Leachate Procedure (TCLP) test results indicate the waste is not

characteristic of a hazardous waste with respect to metals.

7. The special conditions set forth below are needed to assure that the sites are operated and maintained in an environmentally sound manner. If the special conditions are complied with, the proposed modifications will not inhibit compliance with the standards set forth in the applicable portions of chs. NR 500-538, Wis. Adm. Code.

### **CONCLUSIONS OF LAW**

1. The department has the authority under s. 289.30(6), Wis. Stats., to modify a plan of operation approval if the modification would not inhibit compliance with the applicable portions of chs. NR 500-538, Wis. Adm. Code.
2. The department has the authority to approve a modification to the plan of operation with special conditions if the conditions are needed to ensure compliance with the applicable portions of chs. NR 500-538, Wis. Adm. Code.
3. The conditions of approval set forth below are needed to ensure compliance with the applicable portions of chs. NR 500-538, Wis. Adm. Code.
4. In accordance with the foregoing, the department has the authority under s. 289.30(6), Wis. Stats., to issue the following conditional plan of operation modification approval.

### **CONDITIONAL PLAN OF OPERATION APPROVAL MODIFICATION**

The department hereby approves the proposed plan of operation modification for the Georgia-Pacific North Landfill, subject to compliance with chs. NR 500-538, Wis. Adm. Code, and the following conditions:

1. Upon completion of placing the contaminated material, GP shall add 12-inches of intermediate cover, consisting of clay soil.
2. A report shall be submitted to the department within 60 days following completion of the disposal, which documents the contaminated material disposal and placement of intermediate cover, the amount of waste disposed, the timeframe of the disposal, and the location of the waste disposal on a plan sheet drawing.
3. GP shall not disturb the contaminated material disposal area without approval from the department.
4. The disposal of the contaminated material shall be done in a manner that does not prevent leachate drainage to the leachate collection system within the landfill if additional waste is placed in the future.

Unless specifically noted, the conditions of this approval do not supersede or replace any previous conditions of approval for this facility.

This approval is based on the information available to the department as of the date of approval. If additional information, project changes or other circumstances indicate a possible need to modify this approval, the department may ask you to provide further information relating to this activity. Likewise,



the department accepts proposals to modify approvals, as provided for in state statutes and administrative codes.

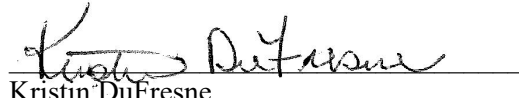
### NOTICE OF APPEAL RIGHTS

If you believe you have a right to challenge this decision made by the department, you should know that Wisconsin statutes and administrative codes establish time periods and requirements for reviewing department decisions.

To seek judicial review of the department's decision, sections 227.52 and 227.53, Stats., establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed or otherwise served by the department to file your petition with the appropriate circuit court and serve the petition on the department. The petition shall name the Department of Natural Resources as the respondent.

Dated: November 30, 2022

DEPARTMENT OF NATURAL RESOURCES  
For the Secretary



Kristin DuFresne  
Waste and Materials Management Program Supervisor  
Northeast Region



Sally Hronek  
Waste Management Engineer  
Northeast Region



**Georgia-Pacific  
Consumer Operations LLC**

1919 S. Broadway  
P.O. Box 19130  
Green Bay, WI 54307-9130  
(920) 435-8821  
www.gp.com

November 16, 2022

**VIA EMAIL**

Ms. Sally Hronek  
Wisconsin Department of Natural Resources  
Northeast Region Headquarters  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

Re: 2022 Plan of Operation Modification – One Time Disposal Request  
Georgia-Pacific Consumer Operations LLC; North Landfill,  
Town of Vinland, Wisconsin; License No. 3275

Dear Ms. Hronek:

Georgia-Pacific Consumer Operations LLC (GP) is submitting this request pursuant to Wisconsin Administrative Code NR 514 for a modification of the Plan of Operations for the North Landfill for approval to place approximately 1,600 cy of contaminated soil mixed into North Landfill in the town of Vinland as waste material. The composition of this material is mostly clay mixed with some gravel, silt/sand and debris (bricks, wood, etc).

The GP Broadway Facility is executing a project to construct a building for the wastewater treatment system's sludge pressing operations. The project has generated approximately 1,600 cy of soil contaminated with low level VOC, SVOC, Metals, PCBs and PFAS compounds while installing the new facility foundation. Due to detectable metal results in the collected samples, the facility did run TCLP, and all results were below RCRA Hazardous Waste Classification. The facility is including a data summary table showing the soil testing results along with the official laboratory report.

The landfill site has a permitted volume of 500,800 cy. Currently the total volume of material placed, along with existing interim cover soil in the landfill site is 90,780 cy. The landfill has a remaining waste volume of about 410,020 cy. The facility is currently approved to receive papermill sludge along with boiler ash. This site is currently not actively receiving waste materials. Therefore, the proposed modifications do not change the site's waste disposal capacity or modify the horizontal waste disposal limits of the site.

If you have any questions regarding this submittal request, please feel free to call me at 404/216-6674.

Sincerely,

GEORGIA-PACIFIC CONSUMER OPERATIONS LLC

*Matt Tiller*

Matt Tiller  
Environmental Remediation

Enc.

Pace Analytical Report 07122022  
Table 1 Soil Stockpile Detection Summary  
Table 2 Soil Stockpile PFAS Detection Summary  
Table 3 Soil Stockpile TCLP Results Summary  
Sludge Press Excavation Diagram

cc: Jacquelyn Beaulieu, GP (Electronic)  
Steve Landers, GP (Electronic)

July 12, 2022

Mike Savale  
TetraTech  
710 Avis Drive  
Suite 100  
Ann Arbor, MI 48108

RE: Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Dear Mike Savale:

Enclosed are the analytical results for sample(s) received by the laboratory on June 10, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Gulf Coast
- Pace Analytical Services - Green Bay

Report revised to include TCLP Metals Copper, Nickel, Zinc.

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

Sincerely,



Tod Noltemeyer  
tod.noltemeyer@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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### **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

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### **Pace Analytical Gulf Coast**

7979 Innovation Park Drive, Baton Rouge, LA 70820  
Arkansas Certification #: 88-0655  
DoD ELAP Certification #: 6429-01  
Florida Certification #: E87854  
Illinois Certification #: 004585  
Kansas Certification #: E-10354  
Louisiana/LELAP Certification #: 01955  
North Carolina Certification #: 618

North Dakota Certification #: R-195  
Oklahoma Certification #: 2019-101  
South Carolina Certification #: 73006001  
Texas Certification #: T104704178-19-11  
USDA Soil Permit # P330-19-00209  
Virginia Certification #: 460215  
Washington Certification #: C929

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40246376001	SP-1	Solid	06/10/22 10:00	06/10/22 15:40
40246376002	SP-2	Solid	06/10/22 10:15	06/10/22 15:40
40246376003	SP-3	Solid	06/10/22 10:30	06/10/22 15:40
40246376004	SP-4	Solid	06/10/22 10:45	06/10/22 15:40
40246376005	SP-5	Solid	06/10/22 11:25	06/10/22 15:40
40246376006	SP-6	Solid	06/10/22 12:00	06/10/22 15:40
40246376007	SP-7	Solid	06/10/22 12:20	06/10/22 15:40
40246376008	SP-8	Solid	06/10/22 12:40	06/10/22 15:40
40246376009	SP-9	Solid	06/10/22 12:55	06/10/22 15:40
40246376010	SP-10	Solid	06/10/22 13:10	06/10/22 15:40
40246376011	SP-11	Solid	06/10/22 13:25	06/10/22 15:40
40246376012	SP-12	Solid	06/10/22 13:55	06/10/22 15:40

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40246376001	SP-1	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
		40246376002	SP-2	EPA 8082A	BLM
EPA 6010D	TXW			7	PASI-G
EPA 6010D	TXW			10	PASI-G
EPA 7470	AJT			1	PASI-G
EPA 7471	AJT			1	PASI-G
EPA 8270E	TPO			70	PASI-G
EPA 8260	ALD			64	PASI-G
EPA 537 Modified	SXA			58	GCLA
ASTM D2974-87	K1S			1	PASI-G
40246376003	SP-3			EPA 8082A	BLM
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
		40246376004	SP-4	EPA 8082A	BLM
EPA 6010D	TXW			7	PASI-G
EPA 6010D	TXW			10	PASI-G
EPA 7470	AJT			1	PASI-G
EPA 7471	AJT			1	PASI-G
EPA 8270E	RJN			70	PASI-G
EPA 8260	ALD			64	PASI-G
EPA 537 Modified	SXA			58	GCLA
ASTM D2974-87	K1S			1	PASI-G
40246376005	SP-5			EPA 8082A	BLM

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40246376006	SP-6	EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
40246376007	SP-7	EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		40246376008	SP-8	EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G
EPA 6010D	TXW			10	PASI-G		
EPA 7470	AJT			1	PASI-G		
EPA 7471	AJT			1	PASI-G		
EPA 8270E	TPO			70	PASI-G		
EPA 8260	ALD			64	PASI-G		
EPA 537 Modified	SXA			58	GCLA		
ASTM D2974-87	MYH			1	PASI-G		
40246376009	SP-9			EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40246376010	SP-10	EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
40246376011	SP-11	EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		40246376012	SP-12	EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G
				EPA 6010D	TXW	10	PASI-G
EPA 7470	AJT			1	PASI-G		
EPA 7471	AJT			1	PASI-G		
EPA 8270E	TPO			70	PASI-G		
EPA 8260	ALD			64	PASI-G		
EPA 537 Modified	SXA			58	GCLA		
ASTM D2974-87	MYH			1	PASI-G		

GCLA = Pace Analytical Gulf Coast

PASI-G = Pace Analytical Services - Green Bay

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11141-16-5	
PCB-1242 (Aroclor 1242)	656	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11097-69-1	
PCB-1260 (Aroclor 1260)	62.7	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11096-82-5	
PCB, Total	719	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/14/22 14:14	06/15/22 22:57	877-09-8	
Decachlorobiphenyl (S)	73	%	38-95		1	06/14/22 14:14	06/15/22 22:57	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.0	mg/kg	2.9	1.7	1	06/14/22 06:32	06/14/22 17:40	7440-38-2	
Barium	71.6	mg/kg	0.58	0.17	1	06/14/22 06:32	06/14/22 17:40	7440-39-3	M0,R1
Cadmium	<0.15	mg/kg	0.58	0.15	1	06/14/22 06:32	06/14/22 17:40	7440-43-9	
Chromium	16.1	mg/kg	1.2	0.32	1	06/14/22 06:32	06/14/22 17:40	7440-47-3	
Lead	16.4	mg/kg	2.3	0.69	1	06/14/22 06:32	06/14/22 17:40	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	06/14/22 06:32	06/14/22 17:40	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	06/14/22 06:32	06/14/22 17:40	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:40	7440-38-2	
Barium	0.43	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:40	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:40	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:40	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:40	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:40	7439-92-1	
Nickel	0.011	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:40	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:40	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:40	7440-22-4	
Zinc	0.028J	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:40	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:33	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.060	mg/kg	0.039	0.011	1	06/21/22 06:36	06/22/22 10:18	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	1510J	ug/kg	3880	1380	20	06/21/22 12:40	06/22/22 21:11	83-32-9	
Acenaphthylene	<1380	ug/kg	3880	1380	20	06/21/22 12:40	06/22/22 21:11	208-96-8	
Anthracene	2380J	ug/kg	3880	620	20	06/21/22 12:40	06/22/22 21:11	120-12-7	
Benzo(a)anthracene	6750	ug/kg	3880	601	20	06/21/22 12:40	06/22/22 21:11	56-55-3	
Benzo(a)pyrene	5820	ug/kg	3880	584	20	06/21/22 12:40	06/22/22 21:11	50-32-8	
Benzo(b)fluoranthene	7450	ug/kg	3880	666	20	06/21/22 12:40	06/22/22 21:11	205-99-2	
Benzo(g,h,i)perylene	4440	ug/kg	3880	1010	20	06/21/22 12:40	06/22/22 21:11	191-24-2	
Benzo(k)fluoranthene	2600J	ug/kg	3880	929	20	06/21/22 12:40	06/22/22 21:11	207-08-9	
4-Bromophenylphenyl ether	<812	ug/kg	3880	812	20	06/21/22 12:40	06/22/22 21:11	101-55-3	
Butylbenzylphthalate	<1610	ug/kg	3880	1610	20	06/21/22 12:40	06/22/22 21:11	85-68-7	
Carbazole	1330J	ug/kg	3880	607	20	06/21/22 12:40	06/22/22 21:11	86-74-8	
4-Chloro-3-methylphenol	<1210	ug/kg	3880	1210	20	06/21/22 12:40	06/22/22 21:11	59-50-7	
4-Chloroaniline	<637	ug/kg	3880	637	20	06/21/22 12:40	06/22/22 21:11	106-47-8	1q
bis(2-Chloroethoxy)methane	<1040	ug/kg	3880	1040	20	06/21/22 12:40	06/22/22 21:11	111-91-1	
bis(2-Chloroethyl) ether	<1210	ug/kg	3880	1210	20	06/21/22 12:40	06/22/22 21:11	111-44-4	L2
2-Chloronaphthalene	<498	ug/kg	3880	498	20	06/21/22 12:40	06/22/22 21:11	91-58-7	
2-Chlorophenol	<968	ug/kg	3880	968	20	06/21/22 12:40	06/22/22 21:11	95-57-8	
4-Chlorophenylphenyl ether	<722	ug/kg	3880	722	20	06/21/22 12:40	06/22/22 21:11	7005-72-3	
Chrysene	7240	ug/kg	3880	580	20	06/21/22 12:40	06/22/22 21:11	218-01-9	
Dibenz(a,h)anthracene	<1050	ug/kg	3880	1050	20	06/21/22 12:40	06/22/22 21:11	53-70-3	
Dibenzofuran	854J	ug/kg	3880	470	20	06/21/22 12:40	06/22/22 21:11	132-64-9	
1,2-Dichlorobenzene	<1220	ug/kg	3880	1220	20	06/21/22 12:40	06/22/22 21:11	95-50-1	
1,3-Dichlorobenzene	<537	ug/kg	3880	537	20	06/21/22 12:40	06/22/22 21:11	541-73-1	
1,4-Dichlorobenzene	<540	ug/kg	3880	540	20	06/21/22 12:40	06/22/22 21:11	106-46-7	
3,3'-Dichlorobenzidine	<1050	ug/kg	3880	1050	20	06/21/22 12:40	06/22/22 21:11	91-94-1	
2,4-Dichlorophenol	<1040	ug/kg	3880	1040	20	06/21/22 12:40	06/22/22 21:11	120-83-2	
Diethylphthalate	<643	ug/kg	3880	643	20	06/21/22 12:40	06/22/22 21:11	84-66-2	
2,4-Dimethylphenol	<767	ug/kg	3880	767	20	06/21/22 12:40	06/22/22 21:11	105-67-9	
Dimethylphthalate	<505	ug/kg	3880	505	20	06/21/22 12:40	06/22/22 21:11	131-11-3	
Di-n-butylphthalate	<580	ug/kg	3880	580	20	06/21/22 12:40	06/22/22 21:11	84-74-2	
4,6-Dinitro-2-methylphenol	<1200	ug/kg	3880	1200	20	06/21/22 12:40	06/22/22 21:11	534-52-1	
2,4-Dinitrophenol	<3050	ug/kg	7670	3050	20	06/21/22 12:40	06/22/22 21:11	51-28-5	
2,4-Dinitrotoluene	<555	ug/kg	3880	555	20	06/21/22 12:40	06/22/22 21:11	121-14-2	
2,6-Dinitrotoluene	<736	ug/kg	3880	736	20	06/21/22 12:40	06/22/22 21:11	606-20-2	
Di-n-octylphthalate	<872	ug/kg	3880	872	20	06/21/22 12:40	06/22/22 21:11	117-84-0	
bis(2-Ethylhexyl)phthalate	<1320	ug/kg	3880	1320	20	06/21/22 12:40	06/22/22 21:11	117-81-7	
Fluoranthene	15300	ug/kg	3880	549	20	06/21/22 12:40	06/22/22 21:11	206-44-0	
Fluorene	1470J	ug/kg	3880	453	20	06/21/22 12:40	06/22/22 21:11	86-73-7	
Hexachloro-1,3-butadiene	<988	ug/kg	3880	988	20	06/21/22 12:40	06/22/22 21:11	87-68-3	
Hexachlorobenzene	<652	ug/kg	3880	652	20	06/21/22 12:40	06/22/22 21:11	118-74-1	
Hexachlorocyclopentadiene	<918	ug/kg	3880	918	20	06/21/22 12:40	06/22/22 21:11	77-47-4	
Hexachloroethane	<621	ug/kg	3880	621	20	06/21/22 12:40	06/22/22 21:11	67-72-1	
Indeno(1,2,3-cd)pyrene	4670	ug/kg	3880	839	20	06/21/22 12:40	06/22/22 21:11	193-39-5	
Isophorone	<596	ug/kg	3880	596	20	06/21/22 12:40	06/22/22 21:11	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<1010	ug/kg	3880	1010	20	06/21/22 12:40	06/22/22 21:11	91-57-6	
2-Methylphenol(o-Cresol)	<705	ug/kg	3880	705	20	06/21/22 12:40	06/22/22 21:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	<711	ug/kg	3880	711	20	06/21/22 12:40	06/22/22 21:11		
Naphthalene	<1360	ug/kg	3880	1360	20	06/21/22 12:40	06/22/22 21:11	91-20-3	
2-Nitroaniline	<1110	ug/kg	3880	1110	20	06/21/22 12:40	06/22/22 21:11	88-74-4	
3-Nitroaniline	<660	ug/kg	3880	660	20	06/21/22 12:40	06/22/22 21:11	99-09-2	
4-Nitroaniline	<1610	ug/kg	3880	1610	20	06/21/22 12:40	06/22/22 21:11	100-01-6	
Nitrobenzene	<787	ug/kg	3880	787	20	06/21/22 12:40	06/22/22 21:11	98-95-3	
2-Nitrophenol	<1220	ug/kg	3880	1220	20	06/21/22 12:40	06/22/22 21:11	88-75-5	
4-Nitrophenol	<977	ug/kg	3880	977	20	06/21/22 12:40	06/22/22 21:11	100-02-7	
N-Nitroso-di-n-propylamine	<615	ug/kg	3880	615	20	06/21/22 12:40	06/22/22 21:11	621-64-7	
N-Nitrosodiphenylamine	<1020	ug/kg	3880	1020	20	06/21/22 12:40	06/22/22 21:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	<1000	ug/kg	3880	1000	20	06/21/22 12:40	06/22/22 21:11	108-60-1	
Pentachlorophenol	<854	ug/kg	3880	854	20	06/21/22 12:40	06/22/22 21:11	87-86-5	
Phenanthrene	11600	ug/kg	3880	498	20	06/21/22 12:40	06/22/22 21:11	85-01-8	
Phenol	<921	ug/kg	3880	921	20	06/21/22 12:40	06/22/22 21:11	108-95-2	D3
Pyrene	14000	ug/kg	3880	860	20	06/21/22 12:40	06/22/22 21:11	129-00-0	
1,2,4-Trichlorobenzene	<439	ug/kg	3880	439	20	06/21/22 12:40	06/22/22 21:11	120-82-1	
2,4,5-Trichlorophenol	<685	ug/kg	3880	685	20	06/21/22 12:40	06/22/22 21:11	95-95-4	
2,4,6-Trichlorophenol	<591	ug/kg	3880	591	20	06/21/22 12:40	06/22/22 21:11	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	42	%	10-125		20	06/21/22 12:40	06/22/22 21:11	4165-60-0	
2-Fluorobiphenyl (S)	48	%	12-118		20	06/21/22 12:40	06/22/22 21:11	321-60-8	
Terphenyl-d14 (S)	62	%	10-124		20	06/21/22 12:40	06/22/22 21:11	1718-51-0	
Phenol-d6 (S)	36	%	10-125		20	06/21/22 12:40	06/22/22 21:11	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		20	06/21/22 12:40	06/22/22 21:11	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		20	06/21/22 12:40	06/22/22 21:11	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:30	06/16/22 17:48	630-20-6	
1,1,1-Trichloroethane	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	<23.9	ug/kg	66.1	23.9	1	06/15/22 08:30	06/16/22 17:48	79-34-5	M1
1,1,2-Trichloroethane	<24.1	ug/kg	66.1	24.1	1	06/15/22 08:30	06/16/22 17:48	79-00-5	
1,1-Dichloroethane	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	75-34-3	
1,1-Dichloroethene	<21.9	ug/kg	66.1	21.9	1	06/15/22 08:30	06/16/22 17:48	75-35-4	M1
1,1-Dichloropropene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:30	06/16/22 17:48	563-58-6	
1,2,3-Trichlorobenzene	<73.6	ug/kg	330	73.6	1	06/15/22 08:30	06/16/22 17:48	87-61-6	
1,2,3-Trichloropropane	<32.1	ug/kg	66.1	32.1	1	06/15/22 08:30	06/16/22 17:48	96-18-4	
1,2,4-Trichlorobenzene	<54.4	ug/kg	330	54.4	1	06/15/22 08:30	06/17/22 12:49	120-82-1	M1
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.1	19.7	1	06/15/22 08:30	06/16/22 17:48	95-63-6	
1,2-Dibromo-3-chloropropane	<51.3	ug/kg	330	51.3	1	06/15/22 08:30	06/16/22 17:48	96-12-8	M1
1,2-Dibromoethane (EDB)	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	106-93-4	
1,2-Dichlorobenzene	<20.5	ug/kg	66.1	20.5	1	06/15/22 08:30	06/16/22 17:48	95-50-1	M1

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.2	ug/kg	66.1	15.2	1	06/15/22 08:30	06/16/22 17:48	107-06-2	
1,2-Dichloropropane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	78-87-5	M1
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.1	21.3	1	06/15/22 08:30	06/16/22 17:48	108-67-8	
1,3-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	541-73-1	
1,3-Dichloropropane	<14.4	ug/kg	66.1	14.4	1	06/15/22 08:30	06/16/22 17:48	142-28-9	
1,4-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	106-46-7	
2,2-Dichloropropane	<17.8	ug/kg	66.1	17.8	1	06/15/22 08:30	06/16/22 17:48	594-20-7	
2-Chlorotoluene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:30	06/16/22 17:48	95-49-8	
4-Chlorotoluene	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:30	06/16/22 17:48	106-43-4	
Benzene	<15.7	ug/kg	26.4	15.7	1	06/15/22 08:30	06/16/22 17:48	71-43-2	
Bromobenzene	<25.8	ug/kg	66.1	25.8	1	06/15/22 08:30	06/16/22 17:48	108-86-1	
Bromochloromethane	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	74-97-5	
Bromodichloromethane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	75-27-4	
Bromoform	<291	ug/kg	330	291	1	06/15/22 08:30	06/16/22 17:48	75-25-2	
Bromomethane	<92.6	ug/kg	330	92.6	1	06/15/22 08:30	06/16/22 17:48	74-83-9	
Carbon tetrachloride	<14.5	ug/kg	66.1	14.5	1	06/15/22 08:30	06/16/22 17:48	56-23-5	M1
Chlorobenzene	<7.9	ug/kg	66.1	7.9	1	06/15/22 08:30	06/16/22 17:48	108-90-7	
Chloroethane	<27.9	ug/kg	330	27.9	1	06/15/22 08:30	06/16/22 17:48	75-00-3	
Chloroform	<47.3	ug/kg	330	47.3	1	06/15/22 08:30	06/16/22 17:48	67-66-3	M1
Chloromethane	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:30	06/16/22 17:48	74-87-3	
Dibromochloromethane	<226	ug/kg	330	226	1	06/15/22 08:30	06/16/22 17:48	124-48-1	
Dibromomethane	<19.6	ug/kg	66.1	19.6	1	06/15/22 08:30	06/16/22 17:48	74-95-3	
Dichlorodifluoromethane	<28.4	ug/kg	66.1	28.4	1	06/15/22 08:30	06/16/22 17:48	75-71-8	
Diisopropyl ether	<16.4	ug/kg	66.1	16.4	1	06/15/22 08:30	06/16/22 17:48	108-20-3	
Ethylbenzene	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	100-41-4	M1
Hexachloro-1,3-butadiene	<131	ug/kg	330	131	1	06/15/22 08:30	06/16/22 17:48	87-68-3	
Isopropylbenzene (Cumene)	<17.8	ug/kg	66.1	17.8	1	06/15/22 08:30	06/16/22 17:48	98-82-8	
Methyl-tert-butyl ether	<19.4	ug/kg	66.1	19.4	1	06/15/22 08:30	06/16/22 17:48	1634-04-4	M1
Methylene Chloride	<18.4	ug/kg	66.1	18.4	1	06/15/22 08:30	06/16/22 17:48	75-09-2	
Naphthalene	37.5J	ug/kg	330	20.6	1	06/15/22 08:30	06/16/22 17:48	91-20-3	
Styrene	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	100-42-5	
Tetrachloroethene	<25.6	ug/kg	66.1	25.6	1	06/15/22 08:30	06/16/22 17:48	127-18-4	
Toluene	30.9J	ug/kg	66.1	16.7	1	06/15/22 08:30	06/16/22 17:48	108-88-3	M1
Trichloroethene	<24.7	ug/kg	66.1	24.7	1	06/15/22 08:30	06/16/22 17:48	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.1	19.2	1	06/15/22 08:30	06/16/22 17:48	75-69-4	
Vinyl chloride	<13.3	ug/kg	66.1	13.3	1	06/15/22 08:30	06/16/22 17:48	75-01-4	
cis-1,2-Dichloroethene	<14.1	ug/kg	66.1	14.1	1	06/15/22 08:30	06/16/22 17:48	156-59-2	
cis-1,3-Dichloropropene	<43.6	ug/kg	330	43.6	1	06/15/22 08:30	06/16/22 17:48	10061-01-5	
m&p-Xylene	<27.9	ug/kg	132	27.9	1	06/15/22 08:30	06/16/22 17:48	179601-23-1	
n-Butylbenzene	<30.3	ug/kg	66.1	30.3	1	06/15/22 08:30	06/16/22 17:48	104-51-8	
n-Propylbenzene	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:30	06/16/22 17:48	103-65-1	
o-Xylene	<19.8	ug/kg	66.1	19.8	1	06/15/22 08:30	06/16/22 17:48	95-47-6	
p-Isopropyltoluene	<20.1	ug/kg	66.1	20.1	1	06/15/22 08:30	06/16/22 17:48	99-87-6	
sec-Butylbenzene	<16.1	ug/kg	66.1	16.1	1	06/15/22 08:30	06/16/22 17:48	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.7	ug/kg	66.1	20.7	1	06/15/22 08:30	06/16/22 17:48	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.1	14.3	1	06/15/22 08:30	06/16/22 17:48	156-60-5	M1
trans-1,3-Dichloropropene	<189	ug/kg	330	189	1	06/15/22 08:30	06/16/22 17:48	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	138	%	69-153		1	06/15/22 08:30	06/16/22 17:48	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	06/15/22 08:30	06/16/22 17:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	71-161		1	06/15/22 08:30	06/16/22 17:48	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.055	ug/kg	1.10	0.055	1	06/16/22 11:28	06/20/22 16:56	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.066	ug/kg	1.10	0.066	1	06/16/22 11:28	06/20/22 16:56	27619-97-2	
8:2 FTS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	39108-34-4	
9Cl-PF3ONS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	756426-58-1	
11Cl-PF3OUdS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	763051-92-9	
ADONA	<0.011	ug/kg	1.10	0.011	1	06/16/22 11:28	06/20/22 16:56	919005-14-4	
Perfluorooctanesulfonamide	0.035J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	754-91-6	
HFPO-DA	<0.154	ug/kg	2.20	0.154	1	06/16/22 11:28	06/20/22 16:56	13252-13-6	
NEtFOSA	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	4151-50-2	
NEtFOSAA	0.757J	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	2991-50-6	
NEtFOSE	0.094J	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	1691-99-2	
NMeFOSA	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	31506-32-8	
NMeFOSAA	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2355-31-9	
NMeFOSE	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	24448-09-7	
Perfluorobutanoic acid	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	375-22-4	
Perfluorobutanesulfonic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-73-5	
Perfluorodecanoic acid (S)	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	335-76-2	
Perfluorododecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	307-55-1	
PFDoS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	79780-39-5	
PFDS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	335-77-3	
Perfluoroheptanoic acid	0.025J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-85-9	
PFHpS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-92-8	
Perfluorohexanoic acid (S)	0.038J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	307-24-4	
Perfluorohexanesulfonic acid	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	355-46-4	
Perfluorononanoic acid	0.048J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-95-1	
PFNS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	68259-12-1	
Perfluorooctanoic acid	0.160J	ug/kg	1.10	0.088	1	06/16/22 11:28	06/20/22 16:56	335-67-1	
Perfluorooctanesulfonic acid	0.936J	ug/kg	1.10	0.055	1	06/16/22 11:28	06/20/22 16:56	1763-23-1	
Perfluoropentanoic acid	0.045J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2706-90-3	
PFPeS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2706-91-4	
Perfluorotetradecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	376-06-7	
Perfluorotridecanoic acid	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	72629-94-8	
Perfluoroundecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	9	%	50-150		1	06/16/22 11:28	06/20/22 16:56	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	9	%	50-150		1	06/16/22 11:28	06/20/22 16:56	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	67	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2355-31-9-EI	
d5-NEtFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2991-50-6-EI	
d7-NMeFOSE	16	%	50-150		1	06/16/22 11:28	06/20/22 16:56	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	15	%	50-150		1	06/16/22 11:28	06/20/22 16:56	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	77	%	50-150		1	06/16/22 11:28	06/20/22 16:56	757124-72-4	
M2 6:2 FTS	80	%	50-150		1	06/16/22 11:28	06/20/22 16:56	27619-97-2-	
M2 8:2 FTS	92	%	50-150		1	06/16/22 11:28	06/20/22 16:56	39108-34-4-	
M2PFHxDA	79	%	50-150		1	06/16/22 11:28	06/20/22 16:56	67905-19-5-	
M2PFTeDA	79	%	50-150		1	06/16/22 11:28	06/20/22 16:56	376-06-7-EI	
M3HFPODA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	13252-13-6-	
M3PFBS	73	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-73-5-EI	
M3PFHxS	75	%	50-150		1	06/16/22 11:28	06/20/22 16:56	355-46-4-EI	
M4PFHpA	68	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-85-9-EI	
M5PFHxA	70	%	50-150		1	06/16/22 11:28	06/20/22 16:56	307-24-4-EI	
M5PFPeA	70	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2706-90-3-EI	
M6PFDA	80	%	50-150		1	06/16/22 11:28	06/20/22 16:56	335-76-2-EI	
M7PFUdA	78	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2058-94-8-EI	
M8FOSA	20	%	50-150		1	06/16/22 11:28	06/20/22 16:56	754-91-6-EI	MSSV1 2.3
M8PFOA	75	%	50-150		1	06/16/22 11:28	06/20/22 16:56	335-67-1-EI	
M8PFOS	82	%	50-150		1	06/16/22 11:28	06/20/22 16:56	1763-23-1-EI	
M9PFNA	78	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-22-4-EI	
MPFDoA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **13.9**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;18.6</b>	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11141-16-5	
PCB-1242 (Aroclor 1242)	531	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	12672-29-6	
PCB-1254 (Aroclor 1254)	103	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11097-69-1	
PCB-1260 (Aroclor 1260)	89.7	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11096-82-5	
PCB, Total	723	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/14/22 14:14	06/15/22 23:46	877-09-8	
Decachlorobiphenyl (S)	69	%	38-95		1	06/14/22 14:14	06/15/22 23:46	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.4	mg/kg	3.0	1.8	1	06/14/22 06:32	06/14/22 17:50	7440-38-2	
Barium	118	mg/kg	0.61	0.18	1	06/14/22 06:32	06/14/22 17:50	7440-39-3	
Cadmium	0.30J	mg/kg	0.61	0.16	1	06/14/22 06:32	06/14/22 17:50	7440-43-9	
Chromium	26.4	mg/kg	1.2	0.34	1	06/14/22 06:32	06/14/22 17:50	7440-47-3	
Lead	32.6	mg/kg	2.4	0.73	1	06/14/22 06:32	06/14/22 17:50	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	06/14/22 06:32	06/14/22 17:50	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	06/14/22 06:32	06/14/22 17:50	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:43	7440-38-2	
Barium	0.39	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:43	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:43	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:43	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:43	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:43	7439-92-1	
Nickel	0.0063J	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:43	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:43	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:43	7440-22-4	
Zinc	0.012J	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:43	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:35	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.16	mg/kg	0.042	0.012	1	06/21/22 06:36	06/22/22 10:21	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<723	ug/kg	2040	723	10	06/21/22 12:40	06/22/22 16:58	83-32-9	
Acenaphthylene	<728	ug/kg	2040	728	10	06/21/22 12:40	06/22/22 16:58	208-96-8	
Anthracene	1030J	ug/kg	2040	326	10	06/21/22 12:40	06/22/22 16:58	120-12-7	
Benzo(a)anthracene	3720	ug/kg	2040	316	10	06/21/22 12:40	06/22/22 16:58	56-55-3	
Benzo(a)pyrene	3310	ug/kg	2040	307	10	06/21/22 12:40	06/22/22 16:58	50-32-8	
Benzo(b)fluoranthene	4490	ug/kg	2040	350	10	06/21/22 12:40	06/22/22 16:58	205-99-2	
Benzo(g,h,i)perylene	2340	ug/kg	2040	534	10	06/21/22 12:40	06/22/22 16:58	191-24-2	
Benzo(k)fluoranthene	1680J	ug/kg	2040	488	10	06/21/22 12:40	06/22/22 16:58	207-08-9	
4-Bromophenylphenyl ether	<427	ug/kg	2040	427	10	06/21/22 12:40	06/22/22 16:58	101-55-3	
Butylbenzylphthalate	<849	ug/kg	2040	849	10	06/21/22 12:40	06/22/22 16:58	85-68-7	
Carbazole	467J	ug/kg	2040	319	10	06/21/22 12:40	06/22/22 16:58	86-74-8	
4-Chloro-3-methylphenol	<635	ug/kg	2040	635	10	06/21/22 12:40	06/22/22 16:58	59-50-7	
4-Chloroaniline	<335	ug/kg	2040	335	10	06/21/22 12:40	06/22/22 16:58	106-47-8	1q
bis(2-Chloroethoxy)methane	<549	ug/kg	2040	549	10	06/21/22 12:40	06/22/22 16:58	111-91-1	
bis(2-Chloroethyl) ether	<637	ug/kg	2040	637	10	06/21/22 12:40	06/22/22 16:58	111-44-4	L2
2-Chloronaphthalene	<262	ug/kg	2040	262	10	06/21/22 12:40	06/22/22 16:58	91-58-7	
2-Chlorophenol	<509	ug/kg	2040	509	10	06/21/22 12:40	06/22/22 16:58	95-57-8	
4-Chlorophenylphenyl ether	<380	ug/kg	2040	380	10	06/21/22 12:40	06/22/22 16:58	7005-72-3	
Chrysene	3910	ug/kg	2040	305	10	06/21/22 12:40	06/22/22 16:58	218-01-9	
Dibenz(a,h)anthracene	591J	ug/kg	2040	554	10	06/21/22 12:40	06/22/22 16:58	53-70-3	
Dibenzofuran	<247	ug/kg	2040	247	10	06/21/22 12:40	06/22/22 16:58	132-64-9	
1,2-Dichlorobenzene	<641	ug/kg	2040	641	10	06/21/22 12:40	06/22/22 16:58	95-50-1	
1,3-Dichlorobenzene	<282	ug/kg	2040	282	10	06/21/22 12:40	06/22/22 16:58	541-73-1	
1,4-Dichlorobenzene	<284	ug/kg	2040	284	10	06/21/22 12:40	06/22/22 16:58	106-46-7	
3,3'-Dichlorobenzidine	<553	ug/kg	2040	553	10	06/21/22 12:40	06/22/22 16:58	91-94-1	
2,4-Dichlorophenol	<545	ug/kg	2040	545	10	06/21/22 12:40	06/22/22 16:58	120-83-2	
Diethylphthalate	<338	ug/kg	2040	338	10	06/21/22 12:40	06/22/22 16:58	84-66-2	
2,4-Dimethylphenol	<403	ug/kg	2040	403	10	06/21/22 12:40	06/22/22 16:58	105-67-9	
Dimethylphthalate	<265	ug/kg	2040	265	10	06/21/22 12:40	06/22/22 16:58	131-11-3	
Di-n-butylphthalate	<305	ug/kg	2040	305	10	06/21/22 12:40	06/22/22 16:58	84-74-2	
4,6-Dinitro-2-methylphenol	<629	ug/kg	2040	629	10	06/21/22 12:40	06/22/22 16:58	534-52-1	
2,4-Dinitrophenol	<1600	ug/kg	4030	1600	10	06/21/22 12:40	06/22/22 16:58	51-28-5	
2,4-Dinitrotoluene	<292	ug/kg	2040	292	10	06/21/22 12:40	06/22/22 16:58	121-14-2	
2,6-Dinitrotoluene	<387	ug/kg	2040	387	10	06/21/22 12:40	06/22/22 16:58	606-20-2	
Di-n-octylphthalate	<459	ug/kg	2040	459	10	06/21/22 12:40	06/22/22 16:58	117-84-0	
bis(2-Ethylhexyl)phthalate	<696	ug/kg	2040	696	10	06/21/22 12:40	06/22/22 16:58	117-81-7	
Fluoranthene	8520	ug/kg	2040	289	10	06/21/22 12:40	06/22/22 16:58	206-44-0	
Fluorene	546J	ug/kg	2040	238	10	06/21/22 12:40	06/22/22 16:58	86-73-7	
Hexachloro-1,3-butadiene	<520	ug/kg	2040	520	10	06/21/22 12:40	06/22/22 16:58	87-68-3	
Hexachlorobenzene	<343	ug/kg	2040	343	10	06/21/22 12:40	06/22/22 16:58	118-74-1	
Hexachlorocyclopentadiene	<483	ug/kg	2040	483	10	06/21/22 12:40	06/22/22 16:58	77-47-4	
Hexachloroethane	<326	ug/kg	2040	326	10	06/21/22 12:40	06/22/22 16:58	67-72-1	
Indeno(1,2,3-cd)pyrene	2660	ug/kg	2040	441	10	06/21/22 12:40	06/22/22 16:58	193-39-5	
Isophorone	<314	ug/kg	2040	314	10	06/21/22 12:40	06/22/22 16:58	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<530	ug/kg	2040	530	10	06/21/22 12:40	06/22/22 16:58	91-57-6	
2-Methylphenol(o-Cresol)	<371	ug/kg	2040	371	10	06/21/22 12:40	06/22/22 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	<374	ug/kg	2040	374	10	06/21/22 12:40	06/22/22 16:58		
Naphthalene	<713	ug/kg	2040	713	10	06/21/22 12:40	06/22/22 16:58	91-20-3	
2-Nitroaniline	<581	ug/kg	2040	581	10	06/21/22 12:40	06/22/22 16:58	88-74-4	
3-Nitroaniline	<347	ug/kg	2040	347	10	06/21/22 12:40	06/22/22 16:58	99-09-2	
4-Nitroaniline	<846	ug/kg	2040	846	10	06/21/22 12:40	06/22/22 16:58	100-01-6	
Nitrobenzene	<414	ug/kg	2040	414	10	06/21/22 12:40	06/22/22 16:58	98-95-3	
2-Nitrophenol	<644	ug/kg	2040	644	10	06/21/22 12:40	06/22/22 16:58	88-75-5	
4-Nitrophenol	<514	ug/kg	2040	514	10	06/21/22 12:40	06/22/22 16:58	100-02-7	
N-Nitroso-di-n-propylamine	<323	ug/kg	2040	323	10	06/21/22 12:40	06/22/22 16:58	621-64-7	
N-Nitrosodiphenylamine	<537	ug/kg	2040	537	10	06/21/22 12:40	06/22/22 16:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	<526	ug/kg	2040	526	10	06/21/22 12:40	06/22/22 16:58	108-60-1	
Pentachlorophenol	<449	ug/kg	2040	449	10	06/21/22 12:40	06/22/22 16:58	87-86-5	
Phenanthrene	4610	ug/kg	2040	262	10	06/21/22 12:40	06/22/22 16:58	85-01-8	
Phenol	<484	ug/kg	2040	484	10	06/21/22 12:40	06/22/22 16:58	108-95-2	D3
Pyrene	7600	ug/kg	2040	452	10	06/21/22 12:40	06/22/22 16:58	129-00-0	
1,2,4-Trichlorobenzene	<231	ug/kg	2040	231	10	06/21/22 12:40	06/22/22 16:58	120-82-1	
2,4,5-Trichlorophenol	<360	ug/kg	2040	360	10	06/21/22 12:40	06/22/22 16:58	95-95-4	
2,4,6-Trichlorophenol	<311	ug/kg	2040	311	10	06/21/22 12:40	06/22/22 16:58	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	10-125		10	06/21/22 12:40	06/22/22 16:58	4165-60-0	
2-Fluorobiphenyl (S)	59	%	12-118		10	06/21/22 12:40	06/22/22 16:58	321-60-8	
Terphenyl-d14 (S)	76	%	10-124		10	06/21/22 12:40	06/22/22 16:58	1718-51-0	
Phenol-d6 (S)	50	%	10-125		10	06/21/22 12:40	06/22/22 16:58	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		10	06/21/22 12:40	06/22/22 16:58	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		10	06/21/22 12:40	06/22/22 16:58	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<17.3	ug/kg	72.0	17.3	1	06/15/22 08:30	06/16/22 18:27	630-20-6	
1,1,1-Trichloroethane	68.8J	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	71-55-6	
1,1,2,2-Tetrachloroethane	<26.1	ug/kg	72.0	26.1	1	06/15/22 08:30	06/16/22 18:27	79-34-5	
1,1,2-Trichloroethane	<26.2	ug/kg	72.0	26.2	1	06/15/22 08:30	06/16/22 18:27	79-00-5	
1,1-Dichloroethane	83.1	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	75-34-3	
1,1-Dichloroethene	<23.9	ug/kg	72.0	23.9	1	06/15/22 08:30	06/16/22 18:27	75-35-4	
1,1-Dichloropropene	<23.3	ug/kg	72.0	23.3	1	06/15/22 08:30	06/16/22 18:27	563-58-6	
1,2,3-Trichlorobenzene	<80.2	ug/kg	360	80.2	1	06/15/22 08:30	06/16/22 18:27	87-61-6	
1,2,3-Trichloropropane	<35.0	ug/kg	72.0	35.0	1	06/15/22 08:30	06/16/22 18:27	96-18-4	
1,2,4-Trichlorobenzene	<59.3	ug/kg	360	59.3	1	06/15/22 08:30	06/16/22 18:27	120-82-1	
1,2,4-Trimethylbenzene	<21.4	ug/kg	72.0	21.4	1	06/15/22 08:30	06/16/22 18:27	95-63-6	
1,2-Dibromo-3-chloropropane	<55.9	ug/kg	360	55.9	1	06/15/22 08:30	06/16/22 18:27	96-12-8	
1,2-Dibromoethane (EDB)	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	106-93-4	
1,2-Dichlorobenzene	<22.3	ug/kg	72.0	22.3	1	06/15/22 08:30	06/16/22 18:27	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.6	ug/kg	72.0	16.6	1	06/15/22 08:30	06/16/22 18:27	107-06-2	
1,2-Dichloropropane	<17.1	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	78-87-5	
1,3,5-Trimethylbenzene	<23.2	ug/kg	72.0	23.2	1	06/15/22 08:30	06/16/22 18:27	108-67-8	
1,3-Dichlorobenzene	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	541-73-1	
1,3-Dichloropropane	<15.7	ug/kg	72.0	15.7	1	06/15/22 08:30	06/16/22 18:27	142-28-9	
1,4-Dichlorobenzene	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	106-46-7	
2,2-Dichloropropane	<19.4	ug/kg	72.0	19.4	1	06/15/22 08:30	06/16/22 18:27	594-20-7	
2-Chlorotoluene	<23.3	ug/kg	72.0	23.3	1	06/15/22 08:30	06/16/22 18:27	95-49-8	
4-Chlorotoluene	<27.4	ug/kg	72.0	27.4	1	06/15/22 08:30	06/16/22 18:27	106-43-4	
Benzene	<17.1	ug/kg	28.8	17.1	1	06/15/22 08:30	06/16/22 18:27	71-43-2	
Bromobenzene	<28.1	ug/kg	72.0	28.1	1	06/15/22 08:30	06/16/22 18:27	108-86-1	
Bromochloromethane	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	74-97-5	
Bromodichloromethane	<17.1	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	75-27-4	
Bromoform	<317	ug/kg	360	317	1	06/15/22 08:30	06/16/22 18:27	75-25-2	
Bromomethane	<101	ug/kg	360	101	1	06/15/22 08:30	06/16/22 18:27	74-83-9	
Carbon tetrachloride	<15.8	ug/kg	72.0	15.8	1	06/15/22 08:30	06/16/22 18:27	56-23-5	
Chlorobenzene	<8.6	ug/kg	72.0	8.6	1	06/15/22 08:30	06/16/22 18:27	108-90-7	
Chloroethane	<30.4	ug/kg	360	30.4	1	06/15/22 08:30	06/16/22 18:27	75-00-3	
Chloroform	<51.5	ug/kg	360	51.5	1	06/15/22 08:30	06/16/22 18:27	67-66-3	
Chloromethane	<27.4	ug/kg	72.0	27.4	1	06/15/22 08:30	06/16/22 18:27	74-87-3	
Dibromochloromethane	<246	ug/kg	360	246	1	06/15/22 08:30	06/16/22 18:27	124-48-1	
Dibromomethane	<21.3	ug/kg	72.0	21.3	1	06/15/22 08:30	06/16/22 18:27	74-95-3	
Dichlorodifluoromethane	<30.9	ug/kg	72.0	30.9	1	06/15/22 08:30	06/16/22 18:27	75-71-8	
Diisopropyl ether	<17.8	ug/kg	72.0	17.8	1	06/15/22 08:30	06/16/22 18:27	108-20-3	
Ethylbenzene	36.3J	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	100-41-4	
Hexachloro-1,3-butadiene	<143	ug/kg	360	143	1	06/15/22 08:30	06/16/22 18:27	87-68-3	
Isopropylbenzene (Cumene)	<19.4	ug/kg	72.0	19.4	1	06/15/22 08:30	06/16/22 18:27	98-82-8	
Methyl-tert-butyl ether	<21.2	ug/kg	72.0	21.2	1	06/15/22 08:30	06/16/22 18:27	1634-04-4	
Methylene Chloride	<20.0	ug/kg	72.0	20.0	1	06/15/22 08:30	06/16/22 18:27	75-09-2	
Naphthalene	115J	ug/kg	360	22.5	1	06/15/22 08:30	06/16/22 18:27	91-20-3	
Styrene	<18.4	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	100-42-5	
Tetrachloroethene	<27.9	ug/kg	72.0	27.9	1	06/15/22 08:30	06/16/22 18:27	127-18-4	
Toluene	103	ug/kg	72.0	18.1	1	06/15/22 08:30	06/16/22 18:27	108-88-3	
Trichloroethene	<26.9	ug/kg	72.0	26.9	1	06/15/22 08:30	06/16/22 18:27	79-01-6	
Trichlorofluoromethane	<20.9	ug/kg	72.0	20.9	1	06/15/22 08:30	06/16/22 18:27	75-69-4	
Vinyl chloride	<14.5	ug/kg	72.0	14.5	1	06/15/22 08:30	06/16/22 18:27	75-01-4	
cis-1,2-Dichloroethene	16.4J	ug/kg	72.0	15.4	1	06/15/22 08:30	06/16/22 18:27	156-59-2	
cis-1,3-Dichloropropene	<47.5	ug/kg	360	47.5	1	06/15/22 08:30	06/16/22 18:27	10061-01-5	
m&p-Xylene	75.5J	ug/kg	144	30.4	1	06/15/22 08:30	06/16/22 18:27	179601-23-1	
n-Butylbenzene	<33.0	ug/kg	72.0	33.0	1	06/15/22 08:30	06/16/22 18:27	104-51-8	
n-Propylbenzene	<17.3	ug/kg	72.0	17.3	1	06/15/22 08:30	06/16/22 18:27	103-65-1	
o-Xylene	22.8J	ug/kg	72.0	21.6	1	06/15/22 08:30	06/16/22 18:27	95-47-6	
p-Isopropyltoluene	<21.9	ug/kg	72.0	21.9	1	06/15/22 08:30	06/16/22 18:27	99-87-6	
sec-Butylbenzene	<17.6	ug/kg	72.0	17.6	1	06/15/22 08:30	06/16/22 18:27	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.6	ug/kg	72.0	22.6	1	06/15/22 08:30	06/16/22 18:27	98-06-6	
trans-1,2-Dichloroethene	<15.5	ug/kg	72.0	15.5	1	06/15/22 08:30	06/16/22 18:27	156-60-5	
trans-1,3-Dichloropropene	<206	ug/kg	360	206	1	06/15/22 08:30	06/16/22 18:27	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	249	%	69-153		1	06/15/22 08:30	06/16/22 18:27	2037-26-5	S1
4-Bromofluorobenzene (S)	229	%	68-156		1	06/15/22 08:30	06/16/22 18:27	460-00-4	S1
1,2-Dichlorobenzene-d4 (S)	196	%	71-161		1	06/15/22 08:30	06/16/22 18:27	2199-69-1	S1
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.056	ug/kg	1.12	0.056	1	06/16/22 11:28	06/20/22 17:14	757124-72-4	
6:2 Fluorotelomer sulfonate	<b>0.148J</b>	ug/kg	1.12	0.067	1	06/16/22 11:28	06/20/22 17:14	27619-97-2	
8:2 FTS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	39108-34-4	
9Cl-PF3ONS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	756426-58-1	
11Cl-PF3OUdS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	763051-92-9	
ADONA	<0.011	ug/kg	1.12	0.011	1	06/16/22 11:28	06/20/22 17:14	919005-14-4	
Perfluorooctanesulfonamide	<b>0.041J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	754-91-6	
HFPO-DA	<0.156	ug/kg	2.23	0.156	1	06/16/22 11:28	06/20/22 17:14	13252-13-6	
NEtFOSA	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	4151-50-2	
NEtFOSAA	<b>0.766J</b>	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	2991-50-6	
NEtFOSE	<b>0.041J</b>	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	1691-99-2	
NMeFOSA	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	31506-32-8	
NMeFOSAA	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2355-31-9	
NMeFOSE	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	24448-09-7	
Perfluorobutanoic acid	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	375-22-4	
Perfluorobutanesulfonic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-73-5	
Perfluorodecanoic acid (S)	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	335-76-2	
Perfluorododecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	307-55-1	
PFDoS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	79780-39-5	
PFDS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	335-77-3	
Perfluoroheptanoic acid	<b>0.032J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-85-9	
PFHpS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-92-8	
Perfluorohexanoic acid (S)	<b>0.047J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	307-24-4	
Perfluorohexanesulfonic acid	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	355-46-4	
Perfluorononanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-95-1	
PFNS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	68259-12-1	
Perfluorooctanoic acid	<b>0.202J</b>	ug/kg	1.12	0.089	1	06/16/22 11:28	06/20/22 17:14	335-67-1	
Perfluorooctanesulfonic acid	<b>0.937J</b>	ug/kg	1.12	0.056	1	06/16/22 11:28	06/20/22 17:14	1763-23-1	
Perfluoropentanoic acid	<b>0.032J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2706-90-3	
PFPeS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2706-91-4	
Perfluorotetradecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	376-06-7	
Perfluorotridecanoic acid	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	72629-94-8	
Perfluoroundecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	47	%	50-150		1	06/16/22 11:28	06/20/22 17:14	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	50	%	50-150		1	06/16/22 11:28	06/20/22 17:14	31506-32-8-	
d3-NMeFOSAA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2355-31-9-EI	
d5-NEtFOSAA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2991-50-6-EI	
d7-NMeFOSE	62	%	50-150		1	06/16/22 11:28	06/20/22 17:14	24448-09-7-	
d9-NEtFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 17:14	1691-99-2-EI	
M2 4:2 FTS	89	%	50-150		1	06/16/22 11:28	06/20/22 17:14	757124-72-4	
M2 6:2 FTS	86	%	50-150		1	06/16/22 11:28	06/20/22 17:14	27619-97-2-	
M2 8:2 FTS	87	%	50-150		1	06/16/22 11:28	06/20/22 17:14	39108-34-4-	
M2PFHxDA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:14	67905-19-5-	
M2PFTeDA	86	%	50-150		1	06/16/22 11:28	06/20/22 17:14	376-06-7-EI	
M3HFPODA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:14	13252-13-6-	
M3PFBS	74	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-73-5-EI	
M3PFHxS	75	%	50-150		1	06/16/22 11:28	06/20/22 17:14	355-46-4-EI	
M4PFHpA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-85-9-EI	
M5PFHxA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	307-24-4-EI	
M5PFPeA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2706-90-3-EI	
M6PFDA	85	%	50-150		1	06/16/22 11:28	06/20/22 17:14	335-76-2-EI	
M7PFUdA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 17:14	754-91-6-EI	
M8PFOA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:14	335-67-1-EI	
M8PFOS	78	%	50-150		1	06/16/22 11:28	06/20/22 17:14	1763-23-1-EI	
M9PFNA	80	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-95-1-EI	
MPFBA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-22-4-EI	
MPFDaA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:14	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>18.0</b>	%	0.10	0.10	1		06/15/22 15:35		
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**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<b>&lt;18.3</b>	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	12674-11-2	
PCB-1221 (Aroclor 1221)	<b>&lt;18.3</b>	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11104-28-2	
PCB-1232 (Aroclor 1232)	<b>&lt;18.3</b>	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11141-16-5	
PCB-1242 (Aroclor 1242)	<b>774</b>	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	53469-21-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1248 (Aroclor 1248)	<18.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	12672-29-6	
PCB-1254 (Aroclor 1254)	486	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11097-69-1	
PCB-1260 (Aroclor 1260)	85.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11096-82-5	
PCB, Total	1350	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	79	%	50-99		1	06/14/22 14:14	06/16/22 00:34	877-09-8	
Decachlorobiphenyl (S)	69	%	38-95		1	06/14/22 14:14	06/16/22 00:34	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.4	mg/kg	2.9	1.7	1	06/14/22 06:32	06/14/22 17:54	7440-38-2	
Barium	117	mg/kg	0.59	0.18	1	06/14/22 06:32	06/14/22 17:54	7440-39-3	
Cadmium	0.28J	mg/kg	0.59	0.16	1	06/14/22 06:32	06/14/22 17:54	7440-43-9	
Chromium	15.7	mg/kg	1.2	0.33	1	06/14/22 06:32	06/14/22 17:54	7440-47-3	
Lead	138	mg/kg	2.3	0.70	1	06/14/22 06:32	06/14/22 17:54	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	06/14/22 06:32	06/14/22 17:54	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	06/14/22 06:32	06/14/22 17:54	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.017	mg/L	0.050	0.017	2	06/30/22 09:42	06/30/22 15:55	7440-38-2	D3
Barium	0.61	mg/L	0.010	0.0030	2	06/30/22 09:42	06/30/22 15:55	7440-39-3	
Cadmium	0.0055J	mg/L	0.010	0.0027	2	06/30/22 09:42	06/30/22 15:55	7440-43-9	D3
Chromium	<0.0051	mg/L	0.020	0.0051	2	06/30/22 09:42	06/30/22 15:55	7440-47-3	D3
Copper	5.3	mg/L	0.020	0.0067	2	06/30/22 09:42	06/30/22 15:55	7440-50-8	
Lead	0.038J	mg/L	0.040	0.012	2	06/30/22 09:42	06/30/22 15:55	7439-92-1	D3
Nickel	0.043	mg/L	0.020	0.0052	2	06/30/22 09:42	06/30/22 15:55	7440-02-0	
Selenium	<0.024	mg/L	0.080	0.024	2	06/30/22 09:42	06/30/22 15:55	7782-49-2	D3
Silver	<0.0064	mg/L	0.020	0.0064	2	06/30/22 09:42	06/30/22 15:55	7440-22-4	D3
Zinc	0.37	mg/L	0.080	0.023	2	06/30/22 09:42	06/30/22 15:55	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 09:36	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.096	mg/kg	0.037	0.011	1	06/21/22 06:36	06/22/22 10:23	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<284	ug/kg	802	284	4	06/21/22 12:40	06/22/22 17:19	83-32-9	
Acenaphthylene	<286	ug/kg	802	286	4	06/21/22 12:40	06/22/22 17:19	208-96-8	
Anthracene	439J	ug/kg	802	128	4	06/21/22 12:40	06/22/22 17:19	120-12-7	
Benzo(a)anthracene	1560	ug/kg	802	124	4	06/21/22 12:40	06/22/22 17:19	56-55-3	
Benzo(a)pyrene	1460	ug/kg	802	121	4	06/21/22 12:40	06/22/22 17:19	50-32-8	
Benzo(b)fluoranthene	1870	ug/kg	802	138	4	06/21/22 12:40	06/22/22 17:19	205-99-2	
Benzo(g,h,i)perylene	1110	ug/kg	802	210	4	06/21/22 12:40	06/22/22 17:19	191-24-2	
Benzo(k)fluoranthene	692J	ug/kg	802	192	4	06/21/22 12:40	06/22/22 17:19	207-08-9	
4-Bromophenylphenyl ether	<168	ug/kg	802	168	4	06/21/22 12:40	06/22/22 17:19	101-55-3	
Butylbenzylphthalate	<333	ug/kg	802	333	4	06/21/22 12:40	06/22/22 17:19	85-68-7	
Carbazole	192J	ug/kg	802	125	4	06/21/22 12:40	06/22/22 17:19	86-74-8	
4-Chloro-3-methylphenol	<249	ug/kg	802	249	4	06/21/22 12:40	06/22/22 17:19	59-50-7	
4-Chloroaniline	<132	ug/kg	802	132	4	06/21/22 12:40	06/22/22 17:19	106-47-8	1q
bis(2-Chloroethoxy)methane	<216	ug/kg	802	216	4	06/21/22 12:40	06/22/22 17:19	111-91-1	
bis(2-Chloroethyl) ether	<250	ug/kg	802	250	4	06/21/22 12:40	06/22/22 17:19	111-44-4	L2
2-Chloronaphthalene	<103	ug/kg	802	103	4	06/21/22 12:40	06/22/22 17:19	91-58-7	
2-Chlorophenol	<200	ug/kg	802	200	4	06/21/22 12:40	06/22/22 17:19	95-57-8	
4-Chlorophenylphenyl ether	<149	ug/kg	802	149	4	06/21/22 12:40	06/22/22 17:19	7005-72-3	
Chrysene	1610	ug/kg	802	120	4	06/21/22 12:40	06/22/22 17:19	218-01-9	
Dibenz(a,h)anthracene	286J	ug/kg	802	218	4	06/21/22 12:40	06/22/22 17:19	53-70-3	
Dibenzofuran	105J	ug/kg	802	97.0	4	06/21/22 12:40	06/22/22 17:19	132-64-9	
1,2-Dichlorobenzene	<252	ug/kg	802	252	4	06/21/22 12:40	06/22/22 17:19	95-50-1	
1,3-Dichlorobenzene	<111	ug/kg	802	111	4	06/21/22 12:40	06/22/22 17:19	541-73-1	
1,4-Dichlorobenzene	<112	ug/kg	802	112	4	06/21/22 12:40	06/22/22 17:19	106-46-7	
3,3'-Dichlorobenzidine	<217	ug/kg	802	217	4	06/21/22 12:40	06/22/22 17:19	91-94-1	
2,4-Dichlorophenol	<214	ug/kg	802	214	4	06/21/22 12:40	06/22/22 17:19	120-83-2	
Diethylphthalate	<133	ug/kg	802	133	4	06/21/22 12:40	06/22/22 17:19	84-66-2	
2,4-Dimethylphenol	<158	ug/kg	802	158	4	06/21/22 12:40	06/22/22 17:19	105-67-9	
Dimethylphthalate	<104	ug/kg	802	104	4	06/21/22 12:40	06/22/22 17:19	131-11-3	
Di-n-butylphthalate	<120	ug/kg	802	120	4	06/21/22 12:40	06/22/22 17:19	84-74-2	
4,6-Dinitro-2-methylphenol	<247	ug/kg	802	247	4	06/21/22 12:40	06/22/22 17:19	534-52-1	
2,4-Dinitrophenol	<630	ug/kg	1580	630	4	06/21/22 12:40	06/22/22 17:19	51-28-5	
2,4-Dinitrotoluene	<115	ug/kg	802	115	4	06/21/22 12:40	06/22/22 17:19	121-14-2	
2,6-Dinitrotoluene	<152	ug/kg	802	152	4	06/21/22 12:40	06/22/22 17:19	606-20-2	
Di-n-octylphthalate	<180	ug/kg	802	180	4	06/21/22 12:40	06/22/22 17:19	117-84-0	
bis(2-Ethylhexyl)phthalate	<273	ug/kg	802	273	4	06/21/22 12:40	06/22/22 17:19	117-81-7	
Fluoranthene	3030	ug/kg	802	113	4	06/21/22 12:40	06/22/22 17:19	206-44-0	
Fluorene	180J	ug/kg	802	93.6	4	06/21/22 12:40	06/22/22 17:19	86-73-7	
Hexachloro-1,3-butadiene	<204	ug/kg	802	204	4	06/21/22 12:40	06/22/22 17:19	87-68-3	
Hexachlorobenzene	<135	ug/kg	802	135	4	06/21/22 12:40	06/22/22 17:19	118-74-1	
Hexachlorocyclopentadiene	<190	ug/kg	802	190	4	06/21/22 12:40	06/22/22 17:19	77-47-4	
Hexachloroethane	<128	ug/kg	802	128	4	06/21/22 12:40	06/22/22 17:19	67-72-1	
Indeno(1,2,3-cd)pyrene	1260	ug/kg	802	173	4	06/21/22 12:40	06/22/22 17:19	193-39-5	
Isophorone	<123	ug/kg	802	123	4	06/21/22 12:40	06/22/22 17:19	78-59-1	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<208	ug/kg	802	208	4	06/21/22 12:40	06/22/22 17:19	91-57-6	
2-Methylphenol(o-Cresol)	<146	ug/kg	802	146	4	06/21/22 12:40	06/22/22 17:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	<147	ug/kg	802	147	4	06/21/22 12:40	06/22/22 17:19		
Naphthalene	<280	ug/kg	802	280	4	06/21/22 12:40	06/22/22 17:19	91-20-3	
2-Nitroaniline	<228	ug/kg	802	228	4	06/21/22 12:40	06/22/22 17:19	88-74-4	
3-Nitroaniline	<136	ug/kg	802	136	4	06/21/22 12:40	06/22/22 17:19	99-09-2	
4-Nitroaniline	<333	ug/kg	802	333	4	06/21/22 12:40	06/22/22 17:19	100-01-6	
Nitrobenzene	<162	ug/kg	802	162	4	06/21/22 12:40	06/22/22 17:19	98-95-3	
2-Nitrophenol	<253	ug/kg	802	253	4	06/21/22 12:40	06/22/22 17:19	88-75-5	
4-Nitrophenol	<202	ug/kg	802	202	4	06/21/22 12:40	06/22/22 17:19	100-02-7	
N-Nitroso-di-n-propylamine	<127	ug/kg	802	127	4	06/21/22 12:40	06/22/22 17:19	621-64-7	
N-Nitrosodiphenylamine	<211	ug/kg	802	211	4	06/21/22 12:40	06/22/22 17:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	<207	ug/kg	802	207	4	06/21/22 12:40	06/22/22 17:19	108-60-1	
Pentachlorophenol	<176	ug/kg	802	176	4	06/21/22 12:40	06/22/22 17:19	87-86-5	
Phenanthrene	1610	ug/kg	802	103	4	06/21/22 12:40	06/22/22 17:19	85-01-8	
Phenol	<190	ug/kg	802	190	4	06/21/22 12:40	06/22/22 17:19	108-95-2	D3
Pyrene	2590	ug/kg	802	178	4	06/21/22 12:40	06/22/22 17:19	129-00-0	
1,2,4-Trichlorobenzene	<90.6	ug/kg	802	90.6	4	06/21/22 12:40	06/22/22 17:19	120-82-1	
2,4,5-Trichlorophenol	<142	ug/kg	802	142	4	06/21/22 12:40	06/22/22 17:19	95-95-4	
2,4,6-Trichlorophenol	<122	ug/kg	802	122	4	06/21/22 12:40	06/22/22 17:19	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	10-125		4	06/21/22 12:40	06/22/22 17:19	4165-60-0	
2-Fluorobiphenyl (S)	66	%	12-118		4	06/21/22 12:40	06/22/22 17:19	321-60-8	
Terphenyl-d14 (S)	75	%	10-124		4	06/21/22 12:40	06/22/22 17:19	1718-51-0	
Phenol-d6 (S)	55	%	10-125		4	06/21/22 12:40	06/22/22 17:19	13127-88-3	
2-Fluorophenol (S)	58	%	10-130		4	06/21/22 12:40	06/22/22 17:19	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-144		4	06/21/22 12:40	06/22/22 17:19	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<16.8	ug/kg	70.2	16.8	1	06/15/22 08:30	06/16/22 18:47	630-20-6	
1,1,1-Trichloroethane	<18.0	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	71-55-6	
1,1,2,2-Tetrachloroethane	<25.4	ug/kg	70.2	25.4	1	06/15/22 08:30	06/16/22 18:47	79-34-5	
1,1,2-Trichloroethane	<25.5	ug/kg	70.2	25.5	1	06/15/22 08:30	06/16/22 18:47	79-00-5	
1,1-Dichloroethane	22.2J	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	75-34-3	
1,1-Dichloroethene	<23.3	ug/kg	70.2	23.3	1	06/15/22 08:30	06/16/22 18:47	75-35-4	
1,1-Dichloropropene	<22.7	ug/kg	70.2	22.7	1	06/15/22 08:30	06/16/22 18:47	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/kg	351	78.2	1	06/15/22 08:30	06/16/22 18:47	87-61-6	
1,2,3-Trichloropropane	<34.1	ug/kg	70.2	34.1	1	06/15/22 08:30	06/16/22 18:47	96-18-4	
1,2,4-Trichlorobenzene	<57.8	ug/kg	351	57.8	1	06/15/22 08:30	06/16/22 18:47	120-82-1	
1,2,4-Trimethylbenzene	<20.9	ug/kg	70.2	20.9	1	06/15/22 08:30	06/16/22 18:47	95-63-6	
1,2-Dibromo-3-chloropropane	<54.4	ug/kg	351	54.4	1	06/15/22 08:30	06/16/22 18:47	96-12-8	
1,2-Dibromoethane (EDB)	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	106-93-4	
1,2-Dichlorobenzene	<21.7	ug/kg	70.2	21.7	1	06/15/22 08:30	06/16/22 18:47	95-50-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.1	ug/kg	70.2	16.1	1	06/15/22 08:30	06/16/22 18:47	107-06-2	
1,2-Dichloropropane	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	78-87-5	
1,3,5-Trimethylbenzene	<22.6	ug/kg	70.2	22.6	1	06/15/22 08:30	06/16/22 18:47	108-67-8	
1,3-Dichlorobenzene	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	541-73-1	
1,3-Dichloropropane	<15.3	ug/kg	70.2	15.3	1	06/15/22 08:30	06/16/22 18:47	142-28-9	
1,4-Dichlorobenzene	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	106-46-7	
2,2-Dichloropropane	<18.9	ug/kg	70.2	18.9	1	06/15/22 08:30	06/16/22 18:47	594-20-7	
2-Chlorotoluene	<22.7	ug/kg	70.2	22.7	1	06/15/22 08:30	06/16/22 18:47	95-49-8	
4-Chlorotoluene	<26.7	ug/kg	70.2	26.7	1	06/15/22 08:30	06/16/22 18:47	106-43-4	
Benzene	<16.7	ug/kg	28.1	16.7	1	06/15/22 08:30	06/16/22 18:47	71-43-2	
Bromobenzene	<27.4	ug/kg	70.2	27.4	1	06/15/22 08:30	06/16/22 18:47	108-86-1	
Bromochloromethane	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	74-97-5	
Bromodichloromethane	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	75-27-4	
Bromoform	<309	ug/kg	351	309	1	06/15/22 08:30	06/16/22 18:47	75-25-2	
Bromomethane	<98.4	ug/kg	351	98.4	1	06/15/22 08:30	06/16/22 18:47	74-83-9	
Carbon tetrachloride	<15.4	ug/kg	70.2	15.4	1	06/15/22 08:30	06/16/22 18:47	56-23-5	
Chlorobenzene	<8.4	ug/kg	70.2	8.4	1	06/15/22 08:30	06/16/22 18:47	108-90-7	
Chloroethane	<29.6	ug/kg	351	29.6	1	06/15/22 08:30	06/16/22 18:47	75-00-3	
Chloroform	<50.2	ug/kg	351	50.2	1	06/15/22 08:30	06/16/22 18:47	67-66-3	
Chloromethane	<26.7	ug/kg	70.2	26.7	1	06/15/22 08:30	06/16/22 18:47	74-87-3	
Dibromochloromethane	<240	ug/kg	351	240	1	06/15/22 08:30	06/16/22 18:47	124-48-1	
Dibromomethane	<20.8	ug/kg	70.2	20.8	1	06/15/22 08:30	06/16/22 18:47	74-95-3	
Dichlorodifluoromethane	<30.2	ug/kg	70.2	30.2	1	06/15/22 08:30	06/16/22 18:47	75-71-8	
Diisopropyl ether	<17.4	ug/kg	70.2	17.4	1	06/15/22 08:30	06/16/22 18:47	108-20-3	
Ethylbenzene	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	100-41-4	
Hexachloro-1,3-butadiene	<139	ug/kg	351	139	1	06/15/22 08:30	06/16/22 18:47	87-68-3	
Isopropylbenzene (Cumene)	<18.9	ug/kg	70.2	18.9	1	06/15/22 08:30	06/16/22 18:47	98-82-8	
Methyl-tert-butyl ether	<20.6	ug/kg	70.2	20.6	1	06/15/22 08:30	06/16/22 18:47	1634-04-4	
Methylene Chloride	<19.5	ug/kg	70.2	19.5	1	06/15/22 08:30	06/16/22 18:47	75-09-2	
Naphthalene	57.0J	ug/kg	351	21.9	1	06/15/22 08:30	06/16/22 18:47	91-20-3	
Styrene	<18.0	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	100-42-5	
Tetrachloroethene	<27.2	ug/kg	70.2	27.2	1	06/15/22 08:30	06/16/22 18:47	127-18-4	
Toluene	55.0J	ug/kg	70.2	17.7	1	06/15/22 08:30	06/16/22 18:47	108-88-3	
Trichloroethene	<26.2	ug/kg	70.2	26.2	1	06/15/22 08:30	06/16/22 18:47	79-01-6	
Trichlorofluoromethane	<20.3	ug/kg	70.2	20.3	1	06/15/22 08:30	06/16/22 18:47	75-69-4	
Vinyl chloride	<14.2	ug/kg	70.2	14.2	1	06/15/22 08:30	06/16/22 18:47	75-01-4	
cis-1,2-Dichloroethene	<15.0	ug/kg	70.2	15.0	1	06/15/22 08:30	06/16/22 18:47	156-59-2	
cis-1,3-Dichloropropene	<46.3	ug/kg	351	46.3	1	06/15/22 08:30	06/16/22 18:47	10061-01-5	
m&p-Xylene	<29.6	ug/kg	140	29.6	1	06/15/22 08:30	06/16/22 18:47	179601-23-1	
n-Butylbenzene	<32.1	ug/kg	70.2	32.1	1	06/15/22 08:30	06/16/22 18:47	104-51-8	
n-Propylbenzene	<16.8	ug/kg	70.2	16.8	1	06/15/22 08:30	06/16/22 18:47	103-65-1	
o-Xylene	<21.0	ug/kg	70.2	21.0	1	06/15/22 08:30	06/16/22 18:47	95-47-6	
p-Isopropyltoluene	<21.3	ug/kg	70.2	21.3	1	06/15/22 08:30	06/16/22 18:47	99-87-6	
sec-Butylbenzene	<17.1	ug/kg	70.2	17.1	1	06/15/22 08:30	06/16/22 18:47	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.0	ug/kg	70.2	22.0	1	06/15/22 08:30	06/16/22 18:47	98-06-6	
trans-1,2-Dichloroethene	<15.2	ug/kg	70.2	15.2	1	06/15/22 08:30	06/16/22 18:47	156-60-5	
trans-1,3-Dichloropropene	<201	ug/kg	351	201	1	06/15/22 08:30	06/16/22 18:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	138	%	69-153		1	06/15/22 08:30	06/16/22 18:47	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	06/15/22 08:30	06/16/22 18:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	71-161		1	06/15/22 08:30	06/16/22 18:47	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.057	ug/kg	1.14	0.057	1	06/16/22 11:28	06/20/22 17:29	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.068	ug/kg	1.14	0.068	1	06/16/22 11:28	06/20/22 17:29	27619-97-2	
8:2 FTS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	39108-34-4	
9Cl-PF3ONS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	763051-92-9	
ADONA	<0.011	ug/kg	1.14	0.011	1	06/16/22 11:28	06/20/22 17:29	919005-14-4	
Perfluorooctanesulfonamide	0.163J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	754-91-6	
HFPO-DA	<0.159	ug/kg	2.28	0.159	1	06/16/22 11:28	06/20/22 17:29	13252-13-6	
NEtFOSA	0.053J	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	4151-50-2	
NEtFOSAA	1.16	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	2991-50-6	
NEtFOSE	0.461J	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	31506-32-8	
NMeFOSAA	0.025J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2355-31-9	
NMeFOSE	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	307-55-1	
PFDoS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	79780-39-5	
PFDS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	335-77-3	
Perfluoroheptanoic acid	0.046J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-85-9	
PFHpS	0.026J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-92-8	
Perfluorohexanoic acid (S)	0.053J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	307-24-4	
Perfluorohexanesulfonic acid	0.038J	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	355-46-4	
Perfluorononanoic acid	0.057J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-95-1	
PFNS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	68259-12-1	
Perfluorooctanoic acid	0.297J	ug/kg	1.14	0.091	1	06/16/22 11:28	06/20/22 17:29	335-67-1	
Perfluorooctanesulfonic acid	3.44	ug/kg	1.14	0.057	1	06/16/22 11:28	06/20/22 17:29	1763-23-1	
Perfluoropentanoic acid	0.047J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2706-90-3	
PFPeS	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	376-06-7	
Perfluorotridecanoic acid	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	16	%	50-150		1	06/16/22 11:28	06/20/22 17:29	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	14	%	50-150		1	06/16/22 11:28	06/20/22 17:29	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	69	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2355-31-9-EI	
d5-NEtFOSAA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2991-50-6-EI	
d7-NMeFOSE	27	%	50-150		1	06/16/22 11:28	06/20/22 17:29	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	34	%	50-150		1	06/16/22 11:28	06/20/22 17:29	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	96	%	50-150		1	06/16/22 11:28	06/20/22 17:29	757124-72-4	
M2 6:2 FTS	94	%	50-150		1	06/16/22 11:28	06/20/22 17:29	27619-97-2-	
M2 8:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 17:29	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 17:29	67905-19-5-	
M2PFTeDA	97	%	50-150		1	06/16/22 11:28	06/20/22 17:29	376-06-7-EI	
M3HFPODA	78	%	50-150		1	06/16/22 11:28	06/20/22 17:29	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	355-46-4-EI	
M4PFHpA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:29	307-24-4-EI	
M5PFPeA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2706-90-3-EI	
M6PFDA	84	%	50-150		1	06/16/22 11:28	06/20/22 17:29	335-76-2-EI	
M7PFUdA	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2058-94-8-EI	
M8FOSA	38	%	50-150		1	06/16/22 11:28	06/20/22 17:29	754-91-6-EI	MSSV1 2.3
M8PFOA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:29	335-67-1-EI	
M8PFOS	84	%	50-150		1	06/16/22 11:28	06/20/22 17:29	1763-23-1-EI	
M9PFNA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-95-1-EI	
MPFBA	72	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-22-4-EI	
MPFDoA	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **16.8**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11141-16-5	
PCB-1242 (Aroclor 1242)	106	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	12672-29-6	
PCB-1254 (Aroclor 1254)	49.1J	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11097-69-1	
PCB-1260 (Aroclor 1260)	100	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11096-82-5	
PCB, Total	255	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	80	%	50-99		1	06/14/22 14:14	06/16/22 01:23	877-09-8	
Decachlorobiphenyl (S)	70	%	38-95		1	06/14/22 14:14	06/16/22 01:23	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.3	mg/kg	2.8	1.7	1	06/14/22 06:32	06/14/22 17:57	7440-38-2	
Barium	120	mg/kg	0.57	0.17	1	06/14/22 06:32	06/14/22 17:57	7440-39-3	
Cadmium	0.18J	mg/kg	0.57	0.15	1	06/14/22 06:32	06/14/22 17:57	7440-43-9	
Chromium	22.8	mg/kg	1.1	0.31	1	06/14/22 06:32	06/14/22 17:57	7440-47-3	
Lead	19.2	mg/kg	2.3	0.68	1	06/14/22 06:32	06/14/22 17:57	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	06/14/22 06:32	06/14/22 17:57	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	06/14/22 06:32	06/14/22 17:57	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:47	7440-38-2	
Barium	0.24	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:47	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:47	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:47	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:47	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:47	7439-92-1	
Nickel	0.0071J	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:47	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:47	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:47	7440-22-4	
Zinc	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:47	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:37	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.015J	mg/kg	0.039	0.011	1	06/21/22 06:36	06/22/22 10:25	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<273	ug/kg	770	273	4	06/21/22 12:40	06/23/22 19:18	83-32-9	
Acenaphthylene	<275	ug/kg	770	275	4	06/21/22 12:40	06/23/22 19:18	208-96-8	
Anthracene	<123	ug/kg	770	123	4	06/21/22 12:40	06/23/22 19:18	120-12-7	
Benzo(a)anthracene	154J	ug/kg	770	119	4	06/21/22 12:40	06/23/22 19:18	56-55-3	
Benzo(a)pyrene	150J	ug/kg	770	116	4	06/21/22 12:40	06/23/22 19:18	50-32-8	
Benzo(b)fluoranthene	206J	ug/kg	770	132	4	06/21/22 12:40	06/23/22 19:18	205-99-2	
Benzo(g,h,i)perylene	<201	ug/kg	770	201	4	06/21/22 12:40	06/23/22 19:18	191-24-2	
Benzo(k)fluoranthene	<184	ug/kg	770	184	4	06/21/22 12:40	06/23/22 19:18	207-08-9	
4-Bromophenylphenyl ether	<161	ug/kg	770	161	4	06/21/22 12:40	06/23/22 19:18	101-55-3	
Butylbenzylphthalate	<320	ug/kg	770	320	4	06/21/22 12:40	06/23/22 19:18	85-68-7	
Carbazole	<121	ug/kg	770	121	4	06/21/22 12:40	06/23/22 19:18	86-74-8	
4-Chloro-3-methylphenol	<240	ug/kg	770	240	4	06/21/22 12:40	06/23/22 19:18	59-50-7	
4-Chloroaniline	<127	ug/kg	770	127	4	06/21/22 12:40	06/23/22 19:18	106-47-8	4q
bis(2-Chloroethoxy)methane	<207	ug/kg	770	207	4	06/21/22 12:40	06/23/22 19:18	111-91-1	
bis(2-Chloroethyl) ether	<240	ug/kg	770	240	4	06/21/22 12:40	06/23/22 19:18	111-44-4	L2
2-Chloronaphthalene	<98.8	ug/kg	770	98.8	4	06/21/22 12:40	06/23/22 19:18	91-58-7	
2-Chlorophenol	<192	ug/kg	770	192	4	06/21/22 12:40	06/23/22 19:18	95-57-8	
4-Chlorophenylphenyl ether	<143	ug/kg	770	143	4	06/21/22 12:40	06/23/22 19:18	7005-72-3	
Chrysene	198J	ug/kg	770	115	4	06/21/22 12:40	06/23/22 19:18	218-01-9	
Dibenz(a,h)anthracene	<209	ug/kg	770	209	4	06/21/22 12:40	06/23/22 19:18	53-70-3	
Dibenzofuran	<93.2	ug/kg	770	93.2	4	06/21/22 12:40	06/23/22 19:18	132-64-9	
1,2-Dichlorobenzene	<242	ug/kg	770	242	4	06/21/22 12:40	06/23/22 19:18	95-50-1	
1,3-Dichlorobenzene	<107	ug/kg	770	107	4	06/21/22 12:40	06/23/22 19:18	541-73-1	
1,4-Dichlorobenzene	<107	ug/kg	770	107	4	06/21/22 12:40	06/23/22 19:18	106-46-7	
3,3'-Dichlorobenzidine	<209	ug/kg	770	209	4	06/21/22 12:40	06/23/22 19:18	91-94-1	
2,4-Dichlorophenol	<206	ug/kg	770	206	4	06/21/22 12:40	06/23/22 19:18	120-83-2	
Diethylphthalate	<128	ug/kg	770	128	4	06/21/22 12:40	06/23/22 19:18	84-66-2	
2,4-Dimethylphenol	<152	ug/kg	770	152	4	06/21/22 12:40	06/23/22 19:18	105-67-9	
Dimethylphthalate	<100	ug/kg	770	100	4	06/21/22 12:40	06/23/22 19:18	131-11-3	
Di-n-butylphthalate	<115	ug/kg	770	115	4	06/21/22 12:40	06/23/22 19:18	84-74-2	
4,6-Dinitro-2-methylphenol	<237	ug/kg	770	237	4	06/21/22 12:40	06/23/22 19:18	534-52-1	
2,4-Dinitrophenol	<605	ug/kg	1520	605	4	06/21/22 12:40	06/23/22 19:18	51-28-5	
2,4-Dinitrotoluene	<110	ug/kg	770	110	4	06/21/22 12:40	06/23/22 19:18	121-14-2	
2,6-Dinitrotoluene	<146	ug/kg	770	146	4	06/21/22 12:40	06/23/22 19:18	606-20-2	
Di-n-octylphthalate	<173	ug/kg	770	173	4	06/21/22 12:40	06/23/22 19:18	117-84-0	
bis(2-Ethylhexyl)phthalate	<263	ug/kg	770	263	4	06/21/22 12:40	06/23/22 19:18	117-81-7	
Fluoranthene	305J	ug/kg	770	109	4	06/21/22 12:40	06/23/22 19:18	206-44-0	
Fluorene	<90.0	ug/kg	770	90.0	4	06/21/22 12:40	06/23/22 19:18	86-73-7	
Hexachloro-1,3-butadiene	<196	ug/kg	770	196	4	06/21/22 12:40	06/23/22 19:18	87-68-3	
Hexachlorobenzene	<129	ug/kg	770	129	4	06/21/22 12:40	06/23/22 19:18	118-74-1	
Hexachlorocyclopentadiene	<182	ug/kg	770	182	4	06/21/22 12:40	06/23/22 19:18	77-47-4	
Hexachloroethane	<123	ug/kg	770	123	4	06/21/22 12:40	06/23/22 19:18	67-72-1	
Indeno(1,2,3-cd)pyrene	<167	ug/kg	770	167	4	06/21/22 12:40	06/23/22 19:18	193-39-5	
Isophorone	<118	ug/kg	770	118	4	06/21/22 12:40	06/23/22 19:18	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<200	ug/kg	770	200	4	06/21/22 12:40	06/23/22 19:18	91-57-6	
2-Methylphenol(o-Cresol)	<140	ug/kg	770	140	4	06/21/22 12:40	06/23/22 19:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	<141	ug/kg	770	141	4	06/21/22 12:40	06/23/22 19:18		
Naphthalene	<269	ug/kg	770	269	4	06/21/22 12:40	06/23/22 19:18	91-20-3	
2-Nitroaniline	<219	ug/kg	770	219	4	06/21/22 12:40	06/23/22 19:18	88-74-4	
3-Nitroaniline	<131	ug/kg	770	131	4	06/21/22 12:40	06/23/22 19:18	99-09-2	
4-Nitroaniline	<320	ug/kg	770	320	4	06/21/22 12:40	06/23/22 19:18	100-01-6	
Nitrobenzene	<156	ug/kg	770	156	4	06/21/22 12:40	06/23/22 19:18	98-95-3	
2-Nitrophenol	<243	ug/kg	770	243	4	06/21/22 12:40	06/23/22 19:18	88-75-5	
4-Nitrophenol	<194	ug/kg	770	194	4	06/21/22 12:40	06/23/22 19:18	100-02-7	
N-Nitroso-di-n-propylamine	<122	ug/kg	770	122	4	06/21/22 12:40	06/23/22 19:18	621-64-7	
N-Nitrosodiphenylamine	<203	ug/kg	770	203	4	06/21/22 12:40	06/23/22 19:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	<199	ug/kg	770	199	4	06/21/22 12:40	06/23/22 19:18	108-60-1	
Pentachlorophenol	<170	ug/kg	770	170	4	06/21/22 12:40	06/23/22 19:18	87-86-5	
Phenanthrene	200J	ug/kg	770	98.8	4	06/21/22 12:40	06/23/22 19:18	85-01-8	
Phenol	<183	ug/kg	770	183	4	06/21/22 12:40	06/23/22 19:18	108-95-2	D3
Pyrene	270J	ug/kg	770	171	4	06/21/22 12:40	06/23/22 19:18	129-00-0	
1,2,4-Trichlorobenzene	<87.0	ug/kg	770	87.0	4	06/21/22 12:40	06/23/22 19:18	120-82-1	
2,4,5-Trichlorophenol	<136	ug/kg	770	136	4	06/21/22 12:40	06/23/22 19:18	95-95-4	
2,4,6-Trichlorophenol	<117	ug/kg	770	117	4	06/21/22 12:40	06/23/22 19:18	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	60	%	10-125		4	06/21/22 12:40	06/23/22 19:18	4165-60-0	
2-Fluorobiphenyl (S)	63	%	12-118		4	06/21/22 12:40	06/23/22 19:18	321-60-8	
Terphenyl-d14 (S)	79	%	10-124		4	06/21/22 12:40	06/23/22 19:18	1718-51-0	
Phenol-d6 (S)	59	%	10-125		4	06/21/22 12:40	06/23/22 19:18	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		4	06/21/22 12:40	06/23/22 19:18	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-144		4	06/21/22 12:40	06/23/22 19:18	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<15.7	ug/kg	65.5	15.7	1	06/15/22 08:30	06/16/22 19:06	630-20-6	
1,1,1-Trichloroethane	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	71-55-6	
1,1,2,2-Tetrachloroethane	<23.7	ug/kg	65.5	23.7	1	06/15/22 08:30	06/16/22 19:06	79-34-5	
1,1,2-Trichloroethane	<23.8	ug/kg	65.5	23.8	1	06/15/22 08:30	06/16/22 19:06	79-00-5	
1,1-Dichloroethane	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	75-34-3	
1,1-Dichloroethene	<21.7	ug/kg	65.5	21.7	1	06/15/22 08:30	06/16/22 19:06	75-35-4	
1,1-Dichloropropene	<21.2	ug/kg	65.5	21.2	1	06/15/22 08:30	06/16/22 19:06	563-58-6	
1,2,3-Trichlorobenzene	<73.0	ug/kg	327	73.0	1	06/15/22 08:30	06/16/22 19:06	87-61-6	
1,2,3-Trichloropropane	<31.8	ug/kg	65.5	31.8	1	06/15/22 08:30	06/16/22 19:06	96-18-4	
1,2,4-Trichlorobenzene	<54.0	ug/kg	327	54.0	1	06/15/22 08:30	06/16/22 19:06	120-82-1	
1,2,4-Trimethylbenzene	37.2J	ug/kg	65.5	19.5	1	06/15/22 08:30	06/16/22 19:06	95-63-6	
1,2-Dibromo-3-chloropropane	<50.8	ug/kg	327	50.8	1	06/15/22 08:30	06/16/22 19:06	96-12-8	
1,2-Dibromoethane (EDB)	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	106-93-4	
1,2-Dichlorobenzene	<20.3	ug/kg	65.5	20.3	1	06/15/22 08:30	06/16/22 19:06	95-50-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.1	ug/kg	65.5	15.1	1	06/15/22 08:30	06/16/22 19:06	107-06-2	
1,2-Dichloropropane	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	78-87-5	
1,3,5-Trimethylbenzene	<21.1	ug/kg	65.5	21.1	1	06/15/22 08:30	06/16/22 19:06	108-67-8	
1,3-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	541-73-1	
1,3-Dichloropropane	<14.3	ug/kg	65.5	14.3	1	06/15/22 08:30	06/16/22 19:06	142-28-9	
1,4-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	106-46-7	
2,2-Dichloropropane	<17.7	ug/kg	65.5	17.7	1	06/15/22 08:30	06/16/22 19:06	594-20-7	
2-Chlorotoluene	<21.2	ug/kg	65.5	21.2	1	06/15/22 08:30	06/16/22 19:06	95-49-8	
4-Chlorotoluene	<24.9	ug/kg	65.5	24.9	1	06/15/22 08:30	06/16/22 19:06	106-43-4	
Benzene	<15.6	ug/kg	26.2	15.6	1	06/15/22 08:30	06/16/22 19:06	71-43-2	
Bromobenzene	<25.5	ug/kg	65.5	25.5	1	06/15/22 08:30	06/16/22 19:06	108-86-1	
Bromochloromethane	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	74-97-5	
Bromodichloromethane	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	75-27-4	
Bromoform	<288	ug/kg	327	288	1	06/15/22 08:30	06/16/22 19:06	75-25-2	
Bromomethane	<91.8	ug/kg	327	91.8	1	06/15/22 08:30	06/16/22 19:06	74-83-9	
Carbon tetrachloride	<14.4	ug/kg	65.5	14.4	1	06/15/22 08:30	06/16/22 19:06	56-23-5	
Chlorobenzene	<7.8	ug/kg	65.5	7.8	1	06/15/22 08:30	06/16/22 19:06	108-90-7	
Chloroethane	<27.6	ug/kg	327	27.6	1	06/15/22 08:30	06/16/22 19:06	75-00-3	
Chloroform	<46.9	ug/kg	327	46.9	1	06/15/22 08:30	06/16/22 19:06	67-66-3	
Chloromethane	<24.9	ug/kg	65.5	24.9	1	06/15/22 08:30	06/16/22 19:06	74-87-3	
Dibromochloromethane	<224	ug/kg	327	224	1	06/15/22 08:30	06/16/22 19:06	124-48-1	
Dibromomethane	<19.4	ug/kg	65.5	19.4	1	06/15/22 08:30	06/16/22 19:06	74-95-3	
Dichlorodifluoromethane	<28.2	ug/kg	65.5	28.2	1	06/15/22 08:30	06/16/22 19:06	75-71-8	
Diisopropyl ether	<16.2	ug/kg	65.5	16.2	1	06/15/22 08:30	06/16/22 19:06	108-20-3	
Ethylbenzene	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	100-41-4	
Hexachloro-1,3-butadiene	<130	ug/kg	327	130	1	06/15/22 08:30	06/16/22 19:06	87-68-3	
Isopropylbenzene (Cumene)	<17.7	ug/kg	65.5	17.7	1	06/15/22 08:30	06/16/22 19:06	98-82-8	
Methyl-tert-butyl ether	<19.3	ug/kg	65.5	19.3	1	06/15/22 08:30	06/16/22 19:06	1634-04-4	
Methylene Chloride	<18.2	ug/kg	65.5	18.2	1	06/15/22 08:30	06/16/22 19:06	75-09-2	
Naphthalene	68.2J	ug/kg	327	20.4	1	06/15/22 08:30	06/16/22 19:06	91-20-3	
Styrene	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	100-42-5	
Tetrachloroethene	<25.4	ug/kg	65.5	25.4	1	06/15/22 08:30	06/16/22 19:06	127-18-4	
Toluene	50.7J	ug/kg	65.5	16.5	1	06/15/22 08:30	06/16/22 19:06	108-88-3	
Trichloroethene	<24.5	ug/kg	65.5	24.5	1	06/15/22 08:30	06/16/22 19:06	79-01-6	
Trichlorofluoromethane	<19.0	ug/kg	65.5	19.0	1	06/15/22 08:30	06/16/22 19:06	75-69-4	
Vinyl chloride	<13.2	ug/kg	65.5	13.2	1	06/15/22 08:30	06/16/22 19:06	75-01-4	
cis-1,2-Dichloroethene	<14.0	ug/kg	65.5	14.0	1	06/15/22 08:30	06/16/22 19:06	156-59-2	
cis-1,3-Dichloropropene	<43.2	ug/kg	327	43.2	1	06/15/22 08:30	06/16/22 19:06	10061-01-5	
m&p-Xylene	43.9J	ug/kg	131	27.6	1	06/15/22 08:30	06/16/22 19:06	179601-23-1	
n-Butylbenzene	<30.0	ug/kg	65.5	30.0	1	06/15/22 08:30	06/16/22 19:06	104-51-8	
n-Propylbenzene	16.5J	ug/kg	65.5	15.7	1	06/15/22 08:30	06/16/22 19:06	103-65-1	
o-Xylene	29.8J	ug/kg	65.5	19.6	1	06/15/22 08:30	06/16/22 19:06	95-47-6	
p-Isopropyltoluene	<19.9	ug/kg	65.5	19.9	1	06/15/22 08:30	06/16/22 19:06	99-87-6	
sec-Butylbenzene	<16.0	ug/kg	65.5	16.0	1	06/15/22 08:30	06/16/22 19:06	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.6	ug/kg	65.5	20.6	1	06/15/22 08:30	06/16/22 19:06	98-06-6	
trans-1,2-Dichloroethene	<14.1	ug/kg	65.5	14.1	1	06/15/22 08:30	06/16/22 19:06	156-60-5	
trans-1,3-Dichloropropene	<187	ug/kg	327	187	1	06/15/22 08:30	06/16/22 19:06	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	156	%	69-153		1	06/15/22 08:30	06/16/22 19:06	2037-26-5	S3
4-Bromofluorobenzene (S)	150	%	68-156		1	06/15/22 08:30	06/16/22 19:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	132	%	71-161		1	06/15/22 08:30	06/16/22 19:06	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.052	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 17:43	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.062	ug/kg	1.04	0.062	1	06/16/22 11:28	06/20/22 17:43	27619-97-2	
8:2 FTS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	39108-34-4	
9Cl-PF3ONS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	756426-58-1	
11Cl-PF3OUdS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	763051-92-9	
ADONA	<0.010	ug/kg	1.04	0.010	1	06/16/22 11:28	06/20/22 17:43	919005-14-4	
Perfluorooctanesulfonamide	0.084J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	754-91-6	
HFPO-DA	<0.146	ug/kg	2.08	0.146	1	06/16/22 11:28	06/20/22 17:43	13252-13-6	
NEtFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	4151-50-2	
NEtFOSAA	0.878J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	2991-50-6	
NEtFOSE	0.083J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	1691-99-2	
NMeFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	31506-32-8	
NMeFOSAA	0.027J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2355-31-9	
NMeFOSE	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	24448-09-7	
Perfluorobutanoic acid	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	375-22-4	
Perfluorobutanesulfonic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-73-5	
Perfluorodecanoic acid (S)	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	335-76-2	
Perfluorododecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	307-55-1	
PFDoS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	79780-39-5	
PFDS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	335-77-3	
Perfluoroheptanoic acid	0.026J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-85-9	
PFHpS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-92-8	
Perfluorohexanoic acid (S)	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	307-24-4	
Perfluorohexanesulfonic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	355-46-4	
Perfluorononanoic acid	0.035J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-95-1	
PFNS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	68259-12-1	
Perfluorooctanoic acid	0.280J	ug/kg	1.04	0.083	1	06/16/22 11:28	06/20/22 17:43	335-67-1	
Perfluorooctanesulfonic acid	1.48	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 17:43	1763-23-1	
Perfluoropentanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2706-90-3	
PFPeS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2706-91-4	
Perfluorotetradecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	376-06-7	
Perfluorotridecanoic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	72629-94-8	
Perfluoroundecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	40	%	50-150		1	06/16/22 11:28	06/20/22 17:43	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	42	%	50-150		1	06/16/22 11:28	06/20/22 17:43	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	66	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2355-31-9-EI	
d5-NEtFOSAA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2991-50-6-EI	
d7-NMeFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 17:43	24448-09-7-	
d9-NEtFOSE	53	%	50-150		1	06/16/22 11:28	06/20/22 17:43	1691-99-2-EI	
M2 4:2 FTS	79	%	50-150		1	06/16/22 11:28	06/20/22 17:43	757124-72-4	
M2 6:2 FTS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:43	27619-97-2-	
M2 8:2 FTS	91	%	50-150		1	06/16/22 11:28	06/20/22 17:43	39108-34-4-	
M2PFHxDA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	67905-19-5-	
M2PFTeDA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:43	376-06-7-EI	
M3HFPODA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:43	13252-13-6-	
M3PFBS	71	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-73-5-EI	
M3PFHxS	73	%	50-150		1	06/16/22 11:28	06/20/22 17:43	355-46-4-EI	
M4PFHpA	69	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-85-9-EI	
M5PFHxA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:43	307-24-4-EI	
M5PFPeA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2706-90-3-EI	
M6PFDA	84	%	50-150		1	06/16/22 11:28	06/20/22 17:43	335-76-2-EI	
M7PFUdA	82	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2058-94-8-EI	
M8FOSA	63	%	50-150		1	06/16/22 11:28	06/20/22 17:43	754-91-6-EI	
M8PFOA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	335-67-1-EI	
M8PFOS	79	%	50-150		1	06/16/22 11:28	06/20/22 17:43	1763-23-1-EI	
M9PFNA	80	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-95-1-EI	
MPFBA	67	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-22-4-EI	
MPFDoA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **13.4**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11141-16-5	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>545</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;18.0</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>95.7</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>61.3</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11096-82-5	
PCB, Total	<b>702</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	81	%	50-99		1	06/14/22 14:14	06/16/22 02:11	877-09-8	
Decachlorobiphenyl (S)	73	%	38-95		1	06/14/22 14:14	06/16/22 02:11	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>4.0</b>	mg/kg	2.8	1.7	1	06/14/22 06:32	06/14/22 17:59	7440-38-2	
Barium	<b>65.7</b>	mg/kg	0.57	0.17	1	06/14/22 06:32	06/14/22 17:59	7440-39-3	
Cadmium	<b>&lt;0.15</b>	mg/kg	0.57	0.15	1	06/14/22 06:32	06/14/22 17:59	7440-43-9	
Chromium	<b>19.1</b>	mg/kg	1.1	0.32	1	06/14/22 06:32	06/14/22 17:59	7440-47-3	
Lead	<b>9.2</b>	mg/kg	2.3	0.68	1	06/14/22 06:32	06/14/22 17:59	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.5	1.5	1	06/14/22 06:32	06/14/22 17:59	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.1	0.35	1	06/14/22 06:32	06/14/22 17:59	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.0093J</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:53	7440-38-2	3q
Barium	<b>0.47</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:53	7440-39-3	
Cadmium	<b>0.0014J</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:53	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:53	7440-47-3	
Copper	<b>0.0037J</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:53	7440-50-8	
Lead	<b>&lt;0.0059</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:53	7439-92-1	
Nickel	<b>0.015</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:53	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:53	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:53	7440-22-4	
Zinc	<b>0.036J</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:53	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:42	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.11</b>	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:32	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<280	ug/kg	791	280	4	06/21/22 12:40	06/22/22 18:02	83-32-9	
Acenaphthylene	<282	ug/kg	791	282	4	06/21/22 12:40	06/22/22 18:02	208-96-8	
Anthracene	<126	ug/kg	791	126	4	06/21/22 12:40	06/22/22 18:02	120-12-7	
Benzo(a)anthracene	299J	ug/kg	791	122	4	06/21/22 12:40	06/22/22 18:02	56-55-3	
Benzo(a)pyrene	287J	ug/kg	791	119	4	06/21/22 12:40	06/22/22 18:02	50-32-8	
Benzo(b)fluoranthene	362J	ug/kg	791	136	4	06/21/22 12:40	06/22/22 18:02	205-99-2	
Benzo(g,h,i)perylene	237J	ug/kg	791	207	4	06/21/22 12:40	06/22/22 18:02	191-24-2	
Benzo(k)fluoranthene	<189	ug/kg	791	189	4	06/21/22 12:40	06/22/22 18:02	207-08-9	
4-Bromophenylphenyl ether	<166	ug/kg	791	166	4	06/21/22 12:40	06/22/22 18:02	101-55-3	
Butylbenzylphthalate	<329	ug/kg	791	329	4	06/21/22 12:40	06/22/22 18:02	85-68-7	
Carbazole	<124	ug/kg	791	124	4	06/21/22 12:40	06/22/22 18:02	86-74-8	
4-Chloro-3-methylphenol	<246	ug/kg	791	246	4	06/21/22 12:40	06/22/22 18:02	59-50-7	
4-Chloroaniline	<130	ug/kg	791	130	4	06/21/22 12:40	06/22/22 18:02	106-47-8	1q
bis(2-Chloroethoxy)methane	<213	ug/kg	791	213	4	06/21/22 12:40	06/22/22 18:02	111-91-1	
bis(2-Chloroethyl) ether	<247	ug/kg	791	247	4	06/21/22 12:40	06/22/22 18:02	111-44-4	L2
2-Chloronaphthalene	<102	ug/kg	791	102	4	06/21/22 12:40	06/22/22 18:02	91-58-7	
2-Chlorophenol	<197	ug/kg	791	197	4	06/21/22 12:40	06/22/22 18:02	95-57-8	
4-Chlorophenylphenyl ether	<147	ug/kg	791	147	4	06/21/22 12:40	06/22/22 18:02	7005-72-3	
Chrysene	326J	ug/kg	791	118	4	06/21/22 12:40	06/22/22 18:02	218-01-9	
Dibenz(a,h)anthracene	<215	ug/kg	791	215	4	06/21/22 12:40	06/22/22 18:02	53-70-3	
Dibenzofuran	<95.7	ug/kg	791	95.7	4	06/21/22 12:40	06/22/22 18:02	132-64-9	
1,2-Dichlorobenzene	<249	ug/kg	791	249	4	06/21/22 12:40	06/22/22 18:02	95-50-1	
1,3-Dichlorobenzene	<110	ug/kg	791	110	4	06/21/22 12:40	06/22/22 18:02	541-73-1	
1,4-Dichlorobenzene	<110	ug/kg	791	110	4	06/21/22 12:40	06/22/22 18:02	106-46-7	
3,3'-Dichlorobenzidine	<215	ug/kg	791	215	4	06/21/22 12:40	06/22/22 18:02	91-94-1	
2,4-Dichlorophenol	<211	ug/kg	791	211	4	06/21/22 12:40	06/22/22 18:02	120-83-2	
Diethylphthalate	<131	ug/kg	791	131	4	06/21/22 12:40	06/22/22 18:02	84-66-2	
2,4-Dimethylphenol	<156	ug/kg	791	156	4	06/21/22 12:40	06/22/22 18:02	105-67-9	
Dimethylphthalate	<103	ug/kg	791	103	4	06/21/22 12:40	06/22/22 18:02	131-11-3	
Di-n-butylphthalate	<118	ug/kg	791	118	4	06/21/22 12:40	06/22/22 18:02	84-74-2	
4,6-Dinitro-2-methylphenol	<244	ug/kg	791	244	4	06/21/22 12:40	06/22/22 18:02	534-52-1	
2,4-Dinitrophenol	<622	ug/kg	1560	622	4	06/21/22 12:40	06/22/22 18:02	51-28-5	
2,4-Dinitrotoluene	<113	ug/kg	791	113	4	06/21/22 12:40	06/22/22 18:02	121-14-2	
2,6-Dinitrotoluene	<150	ug/kg	791	150	4	06/21/22 12:40	06/22/22 18:02	606-20-2	
Di-n-octylphthalate	<178	ug/kg	791	178	4	06/21/22 12:40	06/22/22 18:02	117-84-0	
bis(2-Ethylhexyl)phthalate	<270	ug/kg	791	270	4	06/21/22 12:40	06/22/22 18:02	117-81-7	
Fluoranthene	561J	ug/kg	791	112	4	06/21/22 12:40	06/22/22 18:02	206-44-0	
Fluorene	<92.4	ug/kg	791	92.4	4	06/21/22 12:40	06/22/22 18:02	86-73-7	
Hexachloro-1,3-butadiene	<201	ug/kg	791	201	4	06/21/22 12:40	06/22/22 18:02	87-68-3	
Hexachlorobenzene	<133	ug/kg	791	133	4	06/21/22 12:40	06/22/22 18:02	118-74-1	
Hexachlorocyclopentadiene	<187	ug/kg	791	187	4	06/21/22 12:40	06/22/22 18:02	77-47-4	
Hexachloroethane	<127	ug/kg	791	127	4	06/21/22 12:40	06/22/22 18:02	67-72-1	
Indeno(1,2,3-cd)pyrene	229J	ug/kg	791	171	4	06/21/22 12:40	06/22/22 18:02	193-39-5	
Isophorone	<122	ug/kg	791	122	4	06/21/22 12:40	06/22/22 18:02	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<205	ug/kg	791	205	4	06/21/22 12:40	06/22/22 18:02	91-57-6	
2-Methylphenol(o-Cresol)	<144	ug/kg	791	144	4	06/21/22 12:40	06/22/22 18:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	<145	ug/kg	791	145	4	06/21/22 12:40	06/22/22 18:02		
Naphthalene	<277	ug/kg	791	277	4	06/21/22 12:40	06/22/22 18:02	91-20-3	
2-Nitroaniline	<225	ug/kg	791	225	4	06/21/22 12:40	06/22/22 18:02	88-74-4	
3-Nitroaniline	<135	ug/kg	791	135	4	06/21/22 12:40	06/22/22 18:02	99-09-2	
4-Nitroaniline	<328	ug/kg	791	328	4	06/21/22 12:40	06/22/22 18:02	100-01-6	
Nitrobenzene	<160	ug/kg	791	160	4	06/21/22 12:40	06/22/22 18:02	98-95-3	
2-Nitrophenol	<250	ug/kg	791	250	4	06/21/22 12:40	06/22/22 18:02	88-75-5	
4-Nitrophenol	<199	ug/kg	791	199	4	06/21/22 12:40	06/22/22 18:02	100-02-7	
N-Nitroso-di-n-propylamine	<125	ug/kg	791	125	4	06/21/22 12:40	06/22/22 18:02	621-64-7	
N-Nitrosodiphenylamine	<208	ug/kg	791	208	4	06/21/22 12:40	06/22/22 18:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	<204	ug/kg	791	204	4	06/21/22 12:40	06/22/22 18:02	108-60-1	
Pentachlorophenol	<174	ug/kg	791	174	4	06/21/22 12:40	06/22/22 18:02	87-86-5	
Phenanthrene	349J	ug/kg	791	101	4	06/21/22 12:40	06/22/22 18:02	85-01-8	
Phenol	<188	ug/kg	791	188	4	06/21/22 12:40	06/22/22 18:02	108-95-2	D3
Pyrene	559J	ug/kg	791	175	4	06/21/22 12:40	06/22/22 18:02	129-00-0	
1,2,4-Trichlorobenzene	<89.4	ug/kg	791	89.4	4	06/21/22 12:40	06/22/22 18:02	120-82-1	
2,4,5-Trichlorophenol	<140	ug/kg	791	140	4	06/21/22 12:40	06/22/22 18:02	95-95-4	
2,4,6-Trichlorophenol	<121	ug/kg	791	121	4	06/21/22 12:40	06/22/22 18:02	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	10-125		4	06/21/22 12:40	06/22/22 18:02	4165-60-0	
2-Fluorobiphenyl (S)	65	%	12-118		4	06/21/22 12:40	06/22/22 18:02	321-60-8	
Terphenyl-d14 (S)	77	%	10-124		4	06/21/22 12:40	06/22/22 18:02	1718-51-0	
Phenol-d6 (S)	58	%	10-125		4	06/21/22 12:40	06/22/22 18:02	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		4	06/21/22 12:40	06/22/22 18:02	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		4	06/21/22 12:40	06/22/22 18:02	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<16.4	ug/kg	68.5	16.4	1	06/15/22 08:30	06/16/22 19:26	630-20-6	
1,1,1-Trichloroethane	<17.5	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	71-55-6	
1,1,2,2-Tetrachloroethane	<24.8	ug/kg	68.5	24.8	1	06/15/22 08:30	06/16/22 19:26	79-34-5	
1,1,2-Trichloroethane	<24.9	ug/kg	68.5	24.9	1	06/15/22 08:30	06/16/22 19:26	79-00-5	
1,1-Dichloroethane	19.4J	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	75-34-3	
1,1-Dichloroethene	<22.8	ug/kg	68.5	22.8	1	06/15/22 08:30	06/16/22 19:26	75-35-4	
1,1-Dichloropropene	<22.2	ug/kg	68.5	22.2	1	06/15/22 08:30	06/16/22 19:26	563-58-6	
1,2,3-Trichlorobenzene	<76.4	ug/kg	343	76.4	1	06/15/22 08:30	06/16/22 19:26	87-61-6	
1,2,3-Trichloropropane	<33.3	ug/kg	68.5	33.3	1	06/15/22 08:30	06/16/22 19:26	96-18-4	
1,2,4-Trichlorobenzene	<56.5	ug/kg	343	56.5	1	06/15/22 08:30	06/16/22 19:26	120-82-1	
1,2,4-Trimethylbenzene	<20.4	ug/kg	68.5	20.4	1	06/15/22 08:30	06/16/22 19:26	95-63-6	
1,2-Dibromo-3-chloropropane	<53.2	ug/kg	343	53.2	1	06/15/22 08:30	06/16/22 19:26	96-12-8	
1,2-Dibromoethane (EDB)	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	106-93-4	
1,2-Dichlorobenzene	<21.2	ug/kg	68.5	21.2	1	06/15/22 08:30	06/16/22 19:26	95-50-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.8	ug/kg	68.5	15.8	1	06/15/22 08:30	06/16/22 19:26	107-06-2	
1,2-Dichloropropane	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	78-87-5	
1,3,5-Trimethylbenzene	<22.1	ug/kg	68.5	22.1	1	06/15/22 08:30	06/16/22 19:26	108-67-8	
1,3-Dichlorobenzene	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	541-73-1	
1,3-Dichloropropane	<14.9	ug/kg	68.5	14.9	1	06/15/22 08:30	06/16/22 19:26	142-28-9	
1,4-Dichlorobenzene	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	106-46-7	
2,2-Dichloropropane	<18.5	ug/kg	68.5	18.5	1	06/15/22 08:30	06/16/22 19:26	594-20-7	
2-Chlorotoluene	<22.2	ug/kg	68.5	22.2	1	06/15/22 08:30	06/16/22 19:26	95-49-8	
4-Chlorotoluene	<26.0	ug/kg	68.5	26.0	1	06/15/22 08:30	06/16/22 19:26	106-43-4	
Benzene	<16.3	ug/kg	27.4	16.3	1	06/15/22 08:30	06/16/22 19:26	71-43-2	
Bromobenzene	<26.7	ug/kg	68.5	26.7	1	06/15/22 08:30	06/16/22 19:26	108-86-1	
Bromochloromethane	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	74-97-5	
Bromodichloromethane	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	75-27-4	
Bromoform	<302	ug/kg	343	302	1	06/15/22 08:30	06/16/22 19:26	75-25-2	
Bromomethane	<96.1	ug/kg	343	96.1	1	06/15/22 08:30	06/16/22 19:26	74-83-9	
Carbon tetrachloride	<15.1	ug/kg	68.5	15.1	1	06/15/22 08:30	06/16/22 19:26	56-23-5	
Chlorobenzene	<8.2	ug/kg	68.5	8.2	1	06/15/22 08:30	06/16/22 19:26	108-90-7	
Chloroethane	<28.9	ug/kg	343	28.9	1	06/15/22 08:30	06/16/22 19:26	75-00-3	
Chloroform	<49.1	ug/kg	343	49.1	1	06/15/22 08:30	06/16/22 19:26	67-66-3	
Chloromethane	<26.0	ug/kg	68.5	26.0	1	06/15/22 08:30	06/16/22 19:26	74-87-3	
Dibromochloromethane	<234	ug/kg	343	234	1	06/15/22 08:30	06/16/22 19:26	124-48-1	
Dibromomethane	<20.3	ug/kg	68.5	20.3	1	06/15/22 08:30	06/16/22 19:26	74-95-3	
Dichlorodifluoromethane	<29.5	ug/kg	68.5	29.5	1	06/15/22 08:30	06/16/22 19:26	75-71-8	
Diisopropyl ether	<17.0	ug/kg	68.5	17.0	1	06/15/22 08:30	06/16/22 19:26	108-20-3	
Ethylbenzene	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	100-41-4	
Hexachloro-1,3-butadiene	<136	ug/kg	343	136	1	06/15/22 08:30	06/16/22 19:26	87-68-3	
Isopropylbenzene (Cumene)	<18.5	ug/kg	68.5	18.5	1	06/15/22 08:30	06/16/22 19:26	98-82-8	
Methyl-tert-butyl ether	<20.2	ug/kg	68.5	20.2	1	06/15/22 08:30	06/16/22 19:26	1634-04-4	
Methylene Chloride	<19.1	ug/kg	68.5	19.1	1	06/15/22 08:30	06/16/22 19:26	75-09-2	
Naphthalene	<21.4	ug/kg	343	21.4	1	06/15/22 08:30	06/16/22 19:26	91-20-3	
Styrene	<17.5	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	100-42-5	
Tetrachloroethene	<26.6	ug/kg	68.5	26.6	1	06/15/22 08:30	06/16/22 19:26	127-18-4	
Toluene	24.0J	ug/kg	68.5	17.3	1	06/15/22 08:30	06/16/22 19:26	108-88-3	
Trichloroethene	<25.6	ug/kg	68.5	25.6	1	06/15/22 08:30	06/16/22 19:26	79-01-6	
Trichlorofluoromethane	<19.9	ug/kg	68.5	19.9	1	06/15/22 08:30	06/16/22 19:26	75-69-4	
Vinyl chloride	<13.8	ug/kg	68.5	13.8	1	06/15/22 08:30	06/16/22 19:26	75-01-4	
cis-1,2-Dichloroethene	<14.7	ug/kg	68.5	14.7	1	06/15/22 08:30	06/16/22 19:26	156-59-2	
cis-1,3-Dichloropropene	<45.2	ug/kg	343	45.2	1	06/15/22 08:30	06/16/22 19:26	10061-01-5	
m&p-Xylene	<28.9	ug/kg	137	28.9	1	06/15/22 08:30	06/16/22 19:26	179601-23-1	
n-Butylbenzene	<31.4	ug/kg	68.5	31.4	1	06/15/22 08:30	06/16/22 19:26	104-51-8	
n-Propylbenzene	<16.4	ug/kg	68.5	16.4	1	06/15/22 08:30	06/16/22 19:26	103-65-1	
o-Xylene	<20.6	ug/kg	68.5	20.6	1	06/15/22 08:30	06/16/22 19:26	95-47-6	
p-Isopropyltoluene	<20.8	ug/kg	68.5	20.8	1	06/15/22 08:30	06/16/22 19:26	99-87-6	
sec-Butylbenzene	<16.7	ug/kg	68.5	16.7	1	06/15/22 08:30	06/16/22 19:26	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<21.5	ug/kg	68.5	21.5	1	06/15/22 08:30	06/16/22 19:26	98-06-6	
trans-1,2-Dichloroethene	<14.8	ug/kg	68.5	14.8	1	06/15/22 08:30	06/16/22 19:26	156-60-5	
trans-1,3-Dichloropropene	<196	ug/kg	343	196	1	06/15/22 08:30	06/16/22 19:26	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	131	%	69-153		1	06/15/22 08:30	06/16/22 19:26	2037-26-5	
4-Bromofluorobenzene (S)	130	%	68-156		1	06/15/22 08:30	06/16/22 19:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	71-161		1	06/15/22 08:30	06/16/22 19:26	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.058	ug/kg	1.16	0.058	1	06/16/22 11:28	06/20/22 17:58	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.16	0.070	1	06/16/22 11:28	06/20/22 17:58	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	763051-92-9	
ADONA	<0.012	ug/kg	1.16	0.012	1	06/16/22 11:28	06/20/22 17:58	919005-14-4	
Perfluorooctanesulfonamide	0.055J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	754-91-6	
HFPO-DA	<0.163	ug/kg	2.32	0.163	1	06/16/22 11:28	06/20/22 17:58	13252-13-6	
NEtFOSA	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	4151-50-2	
NEtFOSAA	0.991J	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	2991-50-6	
NEtFOSE	0.070J	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	31506-32-8	
NMeFOSAA	0.034J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	307-55-1	
PFDoS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	79780-39-5	
PFDS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	335-77-3	
Perfluoroheptanoic acid	0.047J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-85-9	
PFHpS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-92-8	
Perfluorohexanoic acid (S)	0.049J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	355-46-4	
Perfluorononanoic acid	0.067J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-95-1	
PFNS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	68259-12-1	
Perfluorooctanoic acid	0.353J	ug/kg	1.16	0.093	1	06/16/22 11:28	06/20/22 17:58	335-67-1	
Perfluorooctanesulfonic acid	2.02	ug/kg	1.16	0.058	1	06/16/22 11:28	06/20/22 17:58	1763-23-1	
Perfluoropentanoic acid	0.049J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2706-90-3	
PFPeS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 17:58	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	11	%	50-150		1	06/16/22 11:28	06/20/22 17:58	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2355-31-9-EI	
d5-NEtFOSAA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2991-50-6-EI	
d7-NMeFOSE	15	%	50-150		1	06/16/22 11:28	06/20/22 17:58	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	17	%	50-150		1	06/16/22 11:28	06/20/22 17:58	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	90	%	50-150		1	06/16/22 11:28	06/20/22 17:58	757124-72-4	
M2 6:2 FTS	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 17:58	39108-34-4-	
M2PFHxDA	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	67905-19-5-	
M2PFTeDA	89	%	50-150		1	06/16/22 11:28	06/20/22 17:58	376-06-7-EI	
M3HFPODA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:58	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:58	355-46-4-EI	
M4PFHpA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:58	307-24-4-EI	
M5PFPeA	75	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2706-90-3-EI	
M6PFDA	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	335-76-2-EI	
M7PFUdA	85	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2058-94-8-EI	
M8FOSA	22	%	50-150		1	06/16/22 11:28	06/20/22 17:58	754-91-6-EI	MSSV1 2.3
M8PFOA	78	%	50-150		1	06/16/22 11:28	06/20/22 17:58	335-67-1-EI	
M8PFOS	86	%	50-150		1	06/16/22 11:28	06/20/22 17:58	1763-23-1-EI	
M9PFNA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-95-1-EI	
MPFBA	72	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-22-4-EI	
MPFDoA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:58	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **15.6**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;16.6</b>	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11141-16-5	
PCB-1242 (Aroclor 1242)	76.9	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	12672-29-6	
PCB-1254 (Aroclor 1254)	22.1J	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11097-69-1	
PCB-1260 (Aroclor 1260)	31.3J	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11096-82-5	
PCB, Total	130	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	79	%	50-99		1	06/15/22 14:55	06/16/22 11:16	877-09-8	
Decachlorobiphenyl (S)	63	%	38-95		1	06/15/22 14:55	06/16/22 11:16	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	20.1	mg/kg	2.7	1.6	1	06/14/22 06:32	06/14/22 18:02	7440-38-2	
Barium	249	mg/kg	0.53	0.16	1	06/14/22 06:32	06/14/22 18:02	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	06/14/22 06:32	06/14/22 18:02	7440-43-9	
Chromium	27.0	mg/kg	1.1	0.30	1	06/14/22 06:32	06/14/22 18:02	7440-47-3	
Lead	8.1	mg/kg	2.1	0.64	1	06/14/22 06:32	06/14/22 18:02	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	06/14/22 06:32	06/14/22 18:02	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	06/14/22 06:32	06/14/22 18:02	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.012J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:55	7440-38-2	3q
Barium	0.39	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:55	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:55	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:55	7440-47-3	
Copper	0.0067J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:55	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:55	7439-92-1	
Nickel	0.018	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:55	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:55	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:55	7440-22-4	
Zinc	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:55	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:49	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.0099	mg/kg	0.035	0.0099	1	06/21/22 09:10	06/22/22 10:39	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<258	ug/kg	727	258	4	06/21/22 12:40	06/22/22 18:23	83-32-9	
Acenaphthylene	<259	ug/kg	727	259	4	06/21/22 12:40	06/22/22 18:23	208-96-8	
Anthracene	<116	ug/kg	727	116	4	06/21/22 12:40	06/22/22 18:23	120-12-7	
Benzo(a)anthracene	<b>118J</b>	ug/kg	727	113	4	06/21/22 12:40	06/22/22 18:23	56-55-3	
Benzo(a)pyrene	<109	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	50-32-8	
Benzo(b)fluoranthene	<125	ug/kg	727	125	4	06/21/22 12:40	06/22/22 18:23	205-99-2	
Benzo(g,h,i)perylene	<190	ug/kg	727	190	4	06/21/22 12:40	06/22/22 18:23	191-24-2	
Benzo(k)fluoranthene	<174	ug/kg	727	174	4	06/21/22 12:40	06/22/22 18:23	207-08-9	
4-Bromophenylphenyl ether	<152	ug/kg	727	152	4	06/21/22 12:40	06/22/22 18:23	101-55-3	
Butylbenzylphthalate	<303	ug/kg	727	303	4	06/21/22 12:40	06/22/22 18:23	85-68-7	
Carbazole	<114	ug/kg	727	114	4	06/21/22 12:40	06/22/22 18:23	86-74-8	
4-Chloro-3-methylphenol	<226	ug/kg	727	226	4	06/21/22 12:40	06/22/22 18:23	59-50-7	
4-Chloroaniline	<119	ug/kg	727	119	4	06/21/22 12:40	06/22/22 18:23	106-47-8	1q
bis(2-Chloroethoxy)methane	<196	ug/kg	727	196	4	06/21/22 12:40	06/22/22 18:23	111-91-1	
bis(2-Chloroethyl) ether	<227	ug/kg	727	227	4	06/21/22 12:40	06/22/22 18:23	111-44-4	L2
2-Chloronaphthalene	<93.3	ug/kg	727	93.3	4	06/21/22 12:40	06/22/22 18:23	91-58-7	
2-Chlorophenol	<181	ug/kg	727	181	4	06/21/22 12:40	06/22/22 18:23	95-57-8	
4-Chlorophenylphenyl ether	<135	ug/kg	727	135	4	06/21/22 12:40	06/22/22 18:23	7005-72-3	
Chrysene	<b>112J</b>	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	218-01-9	
Dibenz(a,h)anthracene	<197	ug/kg	727	197	4	06/21/22 12:40	06/22/22 18:23	53-70-3	
Dibenzofuran	<88.0	ug/kg	727	88.0	4	06/21/22 12:40	06/22/22 18:23	132-64-9	
1,2-Dichlorobenzene	<229	ug/kg	727	229	4	06/21/22 12:40	06/22/22 18:23	95-50-1	
1,3-Dichlorobenzene	<101	ug/kg	727	101	4	06/21/22 12:40	06/22/22 18:23	541-73-1	
1,4-Dichlorobenzene	<101	ug/kg	727	101	4	06/21/22 12:40	06/22/22 18:23	106-46-7	
3,3'-Dichlorobenzidine	<197	ug/kg	727	197	4	06/21/22 12:40	06/22/22 18:23	91-94-1	
2,4-Dichlorophenol	<194	ug/kg	727	194	4	06/21/22 12:40	06/22/22 18:23	120-83-2	
Diethylphthalate	<121	ug/kg	727	121	4	06/21/22 12:40	06/22/22 18:23	84-66-2	
2,4-Dimethylphenol	<144	ug/kg	727	144	4	06/21/22 12:40	06/22/22 18:23	105-67-9	
Dimethylphthalate	<94.5	ug/kg	727	94.5	4	06/21/22 12:40	06/22/22 18:23	131-11-3	
Di-n-butylphthalate	<109	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	84-74-2	
4,6-Dinitro-2-methylphenol	<224	ug/kg	727	224	4	06/21/22 12:40	06/22/22 18:23	534-52-1	
2,4-Dinitrophenol	<571	ug/kg	1440	571	4	06/21/22 12:40	06/22/22 18:23	51-28-5	
2,4-Dinitrotoluene	<104	ug/kg	727	104	4	06/21/22 12:40	06/22/22 18:23	121-14-2	
2,6-Dinitrotoluene	<138	ug/kg	727	138	4	06/21/22 12:40	06/22/22 18:23	606-20-2	
Di-n-octylphthalate	<163	ug/kg	727	163	4	06/21/22 12:40	06/22/22 18:23	117-84-0	
bis(2-Ethylhexyl)phthalate	<248	ug/kg	727	248	4	06/21/22 12:40	06/22/22 18:23	117-81-7	
Fluoranthene	<b>214J</b>	ug/kg	727	103	4	06/21/22 12:40	06/22/22 18:23	206-44-0	
Fluorene	<85.0	ug/kg	727	85.0	4	06/21/22 12:40	06/22/22 18:23	86-73-7	
Hexachloro-1,3-butadiene	<185	ug/kg	727	185	4	06/21/22 12:40	06/22/22 18:23	87-68-3	
Hexachlorobenzene	<122	ug/kg	727	122	4	06/21/22 12:40	06/22/22 18:23	118-74-1	
Hexachlorocyclopentadiene	<172	ug/kg	727	172	4	06/21/22 12:40	06/22/22 18:23	77-47-4	
Hexachloroethane	<116	ug/kg	727	116	4	06/21/22 12:40	06/22/22 18:23	67-72-1	
Indeno(1,2,3-cd)pyrene	<157	ug/kg	727	157	4	06/21/22 12:40	06/22/22 18:23	193-39-5	
Isophorone	<112	ug/kg	727	112	4	06/21/22 12:40	06/22/22 18:23	78-59-1	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<189	ug/kg	727	189	4	06/21/22 12:40	06/22/22 18:23	91-57-6	
2-Methylphenol(o-Cresol)	<132	ug/kg	727	132	4	06/21/22 12:40	06/22/22 18:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	<133	ug/kg	727	133	4	06/21/22 12:40	06/22/22 18:23		
Naphthalene	<254	ug/kg	727	254	4	06/21/22 12:40	06/22/22 18:23	91-20-3	
2-Nitroaniline	<207	ug/kg	727	207	4	06/21/22 12:40	06/22/22 18:23	88-74-4	
3-Nitroaniline	<124	ug/kg	727	124	4	06/21/22 12:40	06/22/22 18:23	99-09-2	
4-Nitroaniline	<302	ug/kg	727	302	4	06/21/22 12:40	06/22/22 18:23	100-01-6	
Nitrobenzene	<147	ug/kg	727	147	4	06/21/22 12:40	06/22/22 18:23	98-95-3	
2-Nitrophenol	<229	ug/kg	727	229	4	06/21/22 12:40	06/22/22 18:23	88-75-5	
4-Nitrophenol	<183	ug/kg	727	183	4	06/21/22 12:40	06/22/22 18:23	100-02-7	
N-Nitroso-di-n-propylamine	<115	ug/kg	727	115	4	06/21/22 12:40	06/22/22 18:23	621-64-7	
N-Nitrosodiphenylamine	<191	ug/kg	727	191	4	06/21/22 12:40	06/22/22 18:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	<187	ug/kg	727	187	4	06/21/22 12:40	06/22/22 18:23	108-60-1	
Pentachlorophenol	<160	ug/kg	727	160	4	06/21/22 12:40	06/22/22 18:23	87-86-5	
Phenanthrene	190J	ug/kg	727	93.2	4	06/21/22 12:40	06/22/22 18:23	85-01-8	
Phenol	<172	ug/kg	727	172	4	06/21/22 12:40	06/22/22 18:23	108-95-2	D3
Pyrene	174J	ug/kg	727	161	4	06/21/22 12:40	06/22/22 18:23	129-00-0	
1,2,4-Trichlorobenzene	<82.2	ug/kg	727	82.2	4	06/21/22 12:40	06/22/22 18:23	120-82-1	
2,4,5-Trichlorophenol	<128	ug/kg	727	128	4	06/21/22 12:40	06/22/22 18:23	95-95-4	
2,4,6-Trichlorophenol	<111	ug/kg	727	111	4	06/21/22 12:40	06/22/22 18:23	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	60	%	10-125		4	06/21/22 12:40	06/22/22 18:23	4165-60-0	
2-Fluorobiphenyl (S)	68	%	12-118		4	06/21/22 12:40	06/22/22 18:23	321-60-8	
Terphenyl-d14 (S)	75	%	10-124		4	06/21/22 12:40	06/22/22 18:23	1718-51-0	
Phenol-d6 (S)	52	%	10-125		4	06/21/22 12:40	06/22/22 18:23	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		4	06/21/22 12:40	06/22/22 18:23	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-144		4	06/21/22 12:40	06/22/22 18:23	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<14.2	ug/kg	59.0	14.2	1	06/15/22 08:30	06/16/22 19:45	630-20-6	
1,1,1-Trichloroethane	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	71-55-6	
1,1,2,2-Tetrachloroethane	<21.3	ug/kg	59.0	21.3	1	06/15/22 08:30	06/16/22 19:45	79-34-5	
1,1,2-Trichloroethane	<21.5	ug/kg	59.0	21.5	1	06/15/22 08:30	06/16/22 19:45	79-00-5	
1,1-Dichloroethane	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	75-34-3	
1,1-Dichloroethene	<19.6	ug/kg	59.0	19.6	1	06/15/22 08:30	06/16/22 19:45	75-35-4	
1,1-Dichloropropene	<19.1	ug/kg	59.0	19.1	1	06/15/22 08:30	06/16/22 19:45	563-58-6	
1,2,3-Trichlorobenzene	<65.7	ug/kg	295	65.7	1	06/15/22 08:30	06/16/22 19:45	87-61-6	
1,2,3-Trichloropropane	<28.7	ug/kg	59.0	28.7	1	06/15/22 08:30	06/16/22 19:45	96-18-4	
1,2,4-Trichlorobenzene	<48.6	ug/kg	295	48.6	1	06/15/22 08:30	06/16/22 19:45	120-82-1	
1,2,4-Trimethylbenzene	25.5J	ug/kg	59.0	17.6	1	06/15/22 08:30	06/16/22 19:45	95-63-6	
1,2-Dibromo-3-chloropropane	<45.8	ug/kg	295	45.8	1	06/15/22 08:30	06/16/22 19:45	96-12-8	
1,2-Dibromoethane (EDB)	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	106-93-4	
1,2-Dichlorobenzene	<18.3	ug/kg	59.0	18.3	1	06/15/22 08:30	06/16/22 19:45	95-50-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<13.6	ug/kg	59.0	13.6	1	06/15/22 08:30	06/16/22 19:45	107-06-2	
1,2-Dichloropropane	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	78-87-5	
1,3,5-Trimethylbenzene	<19.0	ug/kg	59.0	19.0	1	06/15/22 08:30	06/16/22 19:45	108-67-8	
1,3-Dichlorobenzene	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	541-73-1	
1,3-Dichloropropane	<12.9	ug/kg	59.0	12.9	1	06/15/22 08:30	06/16/22 19:45	142-28-9	
1,4-Dichlorobenzene	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	106-46-7	
2,2-Dichloropropane	<15.9	ug/kg	59.0	15.9	1	06/15/22 08:30	06/16/22 19:45	594-20-7	
2-Chlorotoluene	<19.1	ug/kg	59.0	19.1	1	06/15/22 08:30	06/16/22 19:45	95-49-8	
4-Chlorotoluene	<22.4	ug/kg	59.0	22.4	1	06/15/22 08:30	06/16/22 19:45	106-43-4	
Benzene	<14.0	ug/kg	23.6	14.0	1	06/15/22 08:30	06/16/22 19:45	71-43-2	
Bromobenzene	<23.0	ug/kg	59.0	23.0	1	06/15/22 08:30	06/16/22 19:45	108-86-1	
Bromochloromethane	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	74-97-5	
Bromodichloromethane	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	75-27-4	
Bromoform	<259	ug/kg	295	259	1	06/15/22 08:30	06/16/22 19:45	75-25-2	
Bromomethane	<82.7	ug/kg	295	82.7	1	06/15/22 08:30	06/16/22 19:45	74-83-9	
Carbon tetrachloride	<13.0	ug/kg	59.0	13.0	1	06/15/22 08:30	06/16/22 19:45	56-23-5	
Chlorobenzene	<7.1	ug/kg	59.0	7.1	1	06/15/22 08:30	06/16/22 19:45	108-90-7	
Chloroethane	<24.9	ug/kg	295	24.9	1	06/15/22 08:30	06/16/22 19:45	75-00-3	
Chloroform	<42.2	ug/kg	295	42.2	1	06/15/22 08:30	06/16/22 19:45	67-66-3	
Chloromethane	<22.4	ug/kg	59.0	22.4	1	06/15/22 08:30	06/16/22 19:45	74-87-3	
Dibromochloromethane	<202	ug/kg	295	202	1	06/15/22 08:30	06/16/22 19:45	124-48-1	
Dibromomethane	<17.5	ug/kg	59.0	17.5	1	06/15/22 08:30	06/16/22 19:45	74-95-3	
Dichlorodifluoromethane	<25.4	ug/kg	59.0	25.4	1	06/15/22 08:30	06/16/22 19:45	75-71-8	
Diisopropyl ether	<14.6	ug/kg	59.0	14.6	1	06/15/22 08:30	06/16/22 19:45	108-20-3	
Ethylbenzene	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	100-41-4	
Hexachloro-1,3-butadiene	<117	ug/kg	295	117	1	06/15/22 08:30	06/16/22 19:45	87-68-3	
Isopropylbenzene (Cumene)	<15.9	ug/kg	59.0	15.9	1	06/15/22 08:30	06/16/22 19:45	98-82-8	
Methyl-tert-butyl ether	<17.3	ug/kg	59.0	17.3	1	06/15/22 08:30	06/16/22 19:45	1634-04-4	
Methylene Chloride	<16.4	ug/kg	59.0	16.4	1	06/15/22 08:30	06/16/22 19:45	75-09-2	
Naphthalene	41.2J	ug/kg	295	18.4	1	06/15/22 08:30	06/16/22 19:45	91-20-3	
Styrene	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	100-42-5	
Tetrachloroethene	<22.9	ug/kg	59.0	22.9	1	06/15/22 08:30	06/16/22 19:45	127-18-4	
Toluene	30.8J	ug/kg	59.0	14.9	1	06/15/22 08:30	06/16/22 19:45	108-88-3	
Trichloroethene	<22.1	ug/kg	59.0	22.1	1	06/15/22 08:30	06/16/22 19:45	79-01-6	
Trichlorofluoromethane	<17.1	ug/kg	59.0	17.1	1	06/15/22 08:30	06/16/22 19:45	75-69-4	
Vinyl chloride	<11.9	ug/kg	59.0	11.9	1	06/15/22 08:30	06/16/22 19:45	75-01-4	
cis-1,2-Dichloroethene	<12.6	ug/kg	59.0	12.6	1	06/15/22 08:30	06/16/22 19:45	156-59-2	
cis-1,3-Dichloropropene	<38.9	ug/kg	295	38.9	1	06/15/22 08:30	06/16/22 19:45	10061-01-5	
m&p-Xylene	34.1J	ug/kg	118	24.9	1	06/15/22 08:30	06/16/22 19:45	179601-23-1	
n-Butylbenzene	<27.0	ug/kg	59.0	27.0	1	06/15/22 08:30	06/16/22 19:45	104-51-8	
n-Propylbenzene	<14.2	ug/kg	59.0	14.2	1	06/15/22 08:30	06/16/22 19:45	103-65-1	
o-Xylene	27.1J	ug/kg	59.0	17.7	1	06/15/22 08:30	06/16/22 19:45	95-47-6	
p-Isopropyltoluene	<17.9	ug/kg	59.0	17.9	1	06/15/22 08:30	06/16/22 19:45	99-87-6	
sec-Butylbenzene	<14.4	ug/kg	59.0	14.4	1	06/15/22 08:30	06/16/22 19:45	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<18.5	ug/kg	59.0	18.5	1	06/15/22 08:30	06/16/22 19:45	98-06-6	
trans-1,2-Dichloroethene	<12.7	ug/kg	59.0	12.7	1	06/15/22 08:30	06/16/22 19:45	156-60-5	
trans-1,3-Dichloropropene	<169	ug/kg	295	169	1	06/15/22 08:30	06/16/22 19:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	137	%	69-153		1	06/15/22 08:30	06/16/22 19:45	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	06/15/22 08:30	06/16/22 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	71-161		1	06/15/22 08:30	06/16/22 19:45	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.059	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 18:12	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.17	0.070	1	06/16/22 11:28	06/20/22 18:12	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	763051-92-9	
ADONA	<0.012	ug/kg	1.17	0.012	1	06/16/22 11:28	06/20/22 18:12	919005-14-4	
Perfluorooctanesulfonamide	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	754-91-6	
HFPO-DA	<0.164	ug/kg	2.34	0.164	1	06/16/22 11:28	06/20/22 18:12	13252-13-6	
NEtFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	4151-50-2	
NEtFOSAA	0.129J	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	2991-50-6	
NEtFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	1691-99-2	
NMeFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	24448-09-7	
Perfluorobutanoic acid	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-73-5	
Perfluorodecanoic acid (S)	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	307-55-1	
PFDoS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	79780-39-5	
PFDS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	335-77-3	
Perfluoroheptanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-85-9	
PFHpS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-92-8	
Perfluorohexanoic acid (S)	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	355-46-4	
Perfluorononanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-95-1	
PFNS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	68259-12-1	
Perfluorooctanoic acid	<0.094	ug/kg	1.17	0.094	1	06/16/22 11:28	06/20/22 18:12	335-67-1	
Perfluorooctanesulfonic acid	0.226J	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 18:12	1763-23-1	
Perfluoropentanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2706-90-3	
PFPeS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 18:12	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 18:12	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2355-31-9-EI	
d5-NEtFOSAA	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2991-50-6-EI	
d7-NMeFOSE	46	%	50-150		1	06/16/22 11:28	06/20/22 18:12	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	37	%	50-150		1	06/16/22 11:28	06/20/22 18:12	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	74	%	50-150		1	06/16/22 11:28	06/20/22 18:12	757124-72-4	
M2 6:2 FTS	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 18:12	39108-34-4-	
M2PFHxDA	76	%	50-150		1	06/16/22 11:28	06/20/22 18:12	67905-19-5-	
M2PFTeDA	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	376-06-7-EI	
M3HFPODA	75	%	50-150		1	06/16/22 11:28	06/20/22 18:12	13252-13-6-	
M3PFBS	76	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 18:12	355-46-4-EI	
M4PFHpA	73	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 18:12	307-24-4-EI	
M5PFPeA	72	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2706-90-3-EI	
M6PFDA	96	%	50-150		1	06/16/22 11:28	06/20/22 18:12	335-76-2-EI	
M7PFUdA	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2058-94-8-EI	
M8FOSA	59	%	50-150		1	06/16/22 11:28	06/20/22 18:12	754-91-6-EI	
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:12	335-67-1-EI	
M8PFOS	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	1763-23-1-EI	
M9PFNA	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-22-4-EI	
MPFDoA	82	%	50-150		1	06/16/22 11:28	06/20/22 18:12	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **8.2**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	12674-11-2	
PCB-1221 (Aroclor 1221)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11104-28-2	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1232 (Aroclor 1232)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11141-16-5	
PCB-1242 (Aroclor 1242)	5560	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	53469-21-9	
PCB-1248 (Aroclor 1248)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	12672-29-6	
PCB-1254 (Aroclor 1254)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11097-69-1	
PCB-1260 (Aroclor 1260)	330	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11096-82-5	
PCB, Total	5890	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	76	%	50-99		5	06/15/22 14:55	06/16/22 13:05	877-09-8	
Decachlorobiphenyl (S)	64	%	38-95		5	06/15/22 14:55	06/16/22 13:05	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.6	mg/kg	3.1	1.8	1	06/14/22 06:44	06/14/22 14:59	7440-38-2	
Barium	119	mg/kg	0.62	0.19	1	06/14/22 06:44	06/14/22 14:59	7440-39-3	
Cadmium	0.50J	mg/kg	0.62	0.17	1	06/14/22 06:44	06/14/22 14:59	7440-43-9	
Chromium	34.5	mg/kg	1.2	0.35	1	06/14/22 06:44	06/14/22 14:59	7440-47-3	
Lead	45.9	mg/kg	2.5	0.75	1	06/14/22 06:44	06/14/22 14:59	7439-92-1	
Selenium	<1.6	mg/kg	5.0	1.6	1	06/14/22 06:44	06/14/22 14:59	7782-49-2	
Silver	0.80J	mg/kg	1.2	0.38	1	06/14/22 06:44	06/14/22 14:59	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.010J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:58	7440-38-2	3q
Barium	1.1	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:58	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:58	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:58	7440-47-3	
Copper	0.0037J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:58	7440-50-8	
Lead	0.0075J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:58	7439-92-1	
Nickel	0.037	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:58	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:58	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:58	7440-22-4	
Zinc	0.21	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:58	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:51	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.22	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:46	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<295	ug/kg	833	295	4	06/21/22 12:40	06/23/22 19:39	83-32-9	
Acenaphthylene	<297	ug/kg	833	297	4	06/21/22 12:40	06/23/22 19:39	208-96-8	
Anthracene	<133	ug/kg	833	133	4	06/21/22 12:40	06/23/22 19:39	120-12-7	
Benzo(a)anthracene	190J	ug/kg	833	129	4	06/21/22 12:40	06/23/22 19:39	56-55-3	
Benzo(a)pyrene	150J	ug/kg	833	125	4	06/21/22 12:40	06/23/22 19:39	50-32-8	
Benzo(b)fluoranthene	183J	ug/kg	833	143	4	06/21/22 12:40	06/23/22 19:39	205-99-2	
Benzo(g,h,i)perylene	<218	ug/kg	833	218	4	06/21/22 12:40	06/23/22 19:39	191-24-2	
Benzo(k)fluoranthene	<199	ug/kg	833	199	4	06/21/22 12:40	06/23/22 19:39	207-08-9	
4-Bromophenylphenyl ether	<174	ug/kg	833	174	4	06/21/22 12:40	06/23/22 19:39	101-55-3	
Butylbenzylphthalate	<346	ug/kg	833	346	4	06/21/22 12:40	06/23/22 19:39	85-68-7	
Carbazole	<130	ug/kg	833	130	4	06/21/22 12:40	06/23/22 19:39	86-74-8	
4-Chloro-3-methylphenol	<259	ug/kg	833	259	4	06/21/22 12:40	06/23/22 19:39	59-50-7	
4-Chloroaniline	<137	ug/kg	833	137	4	06/21/22 12:40	06/23/22 19:39	106-47-8	4q
bis(2-Chloroethoxy)methane	<224	ug/kg	833	224	4	06/21/22 12:40	06/23/22 19:39	111-91-1	
bis(2-Chloroethyl) ether	<260	ug/kg	833	260	4	06/21/22 12:40	06/23/22 19:39	111-44-4	L2
2-Chloronaphthalene	<107	ug/kg	833	107	4	06/21/22 12:40	06/23/22 19:39	91-58-7	
2-Chlorophenol	<208	ug/kg	833	208	4	06/21/22 12:40	06/23/22 19:39	95-57-8	
4-Chlorophenylphenyl ether	<155	ug/kg	833	155	4	06/21/22 12:40	06/23/22 19:39	7005-72-3	
Chrysene	182J	ug/kg	833	124	4	06/21/22 12:40	06/23/22 19:39	218-01-9	
Dibenz(a,h)anthracene	<226	ug/kg	833	226	4	06/21/22 12:40	06/23/22 19:39	53-70-3	
Dibenzofuran	<101	ug/kg	833	101	4	06/21/22 12:40	06/23/22 19:39	132-64-9	
1,2-Dichlorobenzene	<262	ug/kg	833	262	4	06/21/22 12:40	06/23/22 19:39	95-50-1	
1,3-Dichlorobenzene	<115	ug/kg	833	115	4	06/21/22 12:40	06/23/22 19:39	541-73-1	
1,4-Dichlorobenzene	<116	ug/kg	833	116	4	06/21/22 12:40	06/23/22 19:39	106-46-7	
3,3'-Dichlorobenzidine	<226	ug/kg	833	226	4	06/21/22 12:40	06/23/22 19:39	91-94-1	
2,4-Dichlorophenol	<222	ug/kg	833	222	4	06/21/22 12:40	06/23/22 19:39	120-83-2	
Diethylphthalate	<138	ug/kg	833	138	4	06/21/22 12:40	06/23/22 19:39	84-66-2	
2,4-Dimethylphenol	<165	ug/kg	833	165	4	06/21/22 12:40	06/23/22 19:39	105-67-9	
Dimethylphthalate	<108	ug/kg	833	108	4	06/21/22 12:40	06/23/22 19:39	131-11-3	
Di-n-butylphthalate	<124	ug/kg	833	124	4	06/21/22 12:40	06/23/22 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	<257	ug/kg	833	257	4	06/21/22 12:40	06/23/22 19:39	534-52-1	
2,4-Dinitrophenol	<654	ug/kg	1650	654	4	06/21/22 12:40	06/23/22 19:39	51-28-5	
2,4-Dinitrotoluene	<119	ug/kg	833	119	4	06/21/22 12:40	06/23/22 19:39	121-14-2	
2,6-Dinitrotoluene	<158	ug/kg	833	158	4	06/21/22 12:40	06/23/22 19:39	606-20-2	
Di-n-octylphthalate	<187	ug/kg	833	187	4	06/21/22 12:40	06/23/22 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	808J	ug/kg	833	284	4	06/21/22 12:40	06/23/22 19:39	117-81-7	
Fluoranthene	451J	ug/kg	833	118	4	06/21/22 12:40	06/23/22 19:39	206-44-0	
Fluorene	<97.3	ug/kg	833	97.3	4	06/21/22 12:40	06/23/22 19:39	86-73-7	
Hexachloro-1,3-butadiene	<212	ug/kg	833	212	4	06/21/22 12:40	06/23/22 19:39	87-68-3	
Hexachlorobenzene	<140	ug/kg	833	140	4	06/21/22 12:40	06/23/22 19:39	118-74-1	
Hexachlorocyclopentadiene	<197	ug/kg	833	197	4	06/21/22 12:40	06/23/22 19:39	77-47-4	
Hexachloroethane	<133	ug/kg	833	133	4	06/21/22 12:40	06/23/22 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	<180	ug/kg	833	180	4	06/21/22 12:40	06/23/22 19:39	193-39-5	
Isophorone	<128	ug/kg	833	128	4	06/21/22 12:40	06/23/22 19:39	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<216	ug/kg	833	216	4	06/21/22 12:40	06/23/22 19:39	91-57-6	
2-Methylphenol(o-Cresol)	<151	ug/kg	833	151	4	06/21/22 12:40	06/23/22 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<153	ug/kg	833	153	4	06/21/22 12:40	06/23/22 19:39		
Naphthalene	<291	ug/kg	833	291	4	06/21/22 12:40	06/23/22 19:39	91-20-3	
2-Nitroaniline	<237	ug/kg	833	237	4	06/21/22 12:40	06/23/22 19:39	88-74-4	
3-Nitroaniline	<142	ug/kg	833	142	4	06/21/22 12:40	06/23/22 19:39	99-09-2	
4-Nitroaniline	<345	ug/kg	833	345	4	06/21/22 12:40	06/23/22 19:39	100-01-6	
Nitrobenzene	<169	ug/kg	833	169	4	06/21/22 12:40	06/23/22 19:39	98-95-3	
2-Nitrophenol	<263	ug/kg	833	263	4	06/21/22 12:40	06/23/22 19:39	88-75-5	
4-Nitrophenol	<210	ug/kg	833	210	4	06/21/22 12:40	06/23/22 19:39	100-02-7	
N-Nitroso-di-n-propylamine	<132	ug/kg	833	132	4	06/21/22 12:40	06/23/22 19:39	621-64-7	
N-Nitrosodiphenylamine	<219	ug/kg	833	219	4	06/21/22 12:40	06/23/22 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	<215	ug/kg	833	215	4	06/21/22 12:40	06/23/22 19:39	108-60-1	
Pentachlorophenol	<183	ug/kg	833	183	4	06/21/22 12:40	06/23/22 19:39	87-86-5	
Phenanthrene	440J	ug/kg	833	107	4	06/21/22 12:40	06/23/22 19:39	85-01-8	
Phenol	<198	ug/kg	833	198	4	06/21/22 12:40	06/23/22 19:39	108-95-2	D3
Pyrene	397J	ug/kg	833	184	4	06/21/22 12:40	06/23/22 19:39	129-00-0	
1,2,4-Trichlorobenzene	<94.1	ug/kg	833	94.1	4	06/21/22 12:40	06/23/22 19:39	120-82-1	
2,4,5-Trichlorophenol	<147	ug/kg	833	147	4	06/21/22 12:40	06/23/22 19:39	95-95-4	
2,4,6-Trichlorophenol	<127	ug/kg	833	127	4	06/21/22 12:40	06/23/22 19:39	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	10-125		4	06/21/22 12:40	06/23/22 19:39	4165-60-0	
2-Fluorobiphenyl (S)	44	%	12-118		4	06/21/22 12:40	06/23/22 19:39	321-60-8	
Terphenyl-d14 (S)	59	%	10-124		4	06/21/22 12:40	06/23/22 19:39	1718-51-0	
Phenol-d6 (S)	48	%	10-125		4	06/21/22 12:40	06/23/22 19:39	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		4	06/21/22 12:40	06/23/22 19:39	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-144		4	06/21/22 12:40	06/23/22 19:39	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<18.0	ug/kg	74.9	18.0	1	06/15/22 08:30	06/16/22 20:05	630-20-6	
1,1,1-Trichloroethane	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	71-55-6	
1,1,2,2-Tetrachloroethane	<27.1	ug/kg	74.9	27.1	1	06/15/22 08:30	06/16/22 20:05	79-34-5	
1,1,2-Trichloroethane	<27.2	ug/kg	74.9	27.2	1	06/15/22 08:30	06/16/22 20:05	79-00-5	
1,1-Dichloroethane	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	75-34-3	
1,1-Dichloroethene	<24.9	ug/kg	74.9	24.9	1	06/15/22 08:30	06/16/22 20:05	75-35-4	
1,1-Dichloropropene	<24.3	ug/kg	74.9	24.3	1	06/15/22 08:30	06/16/22 20:05	563-58-6	
1,2,3-Trichlorobenzene	<83.4	ug/kg	374	83.4	1	06/15/22 08:30	06/16/22 20:05	87-61-6	
1,2,3-Trichloropropane	<36.4	ug/kg	74.9	36.4	1	06/15/22 08:30	06/16/22 20:05	96-18-4	
1,2,4-Trichlorobenzene	<61.7	ug/kg	374	61.7	1	06/15/22 08:30	06/16/22 20:05	120-82-1	
1,2,4-Trimethylbenzene	38.8J	ug/kg	74.9	22.3	1	06/15/22 08:30	06/16/22 20:05	95-63-6	
1,2-Dibromo-3-chloropropane	<58.1	ug/kg	374	58.1	1	06/15/22 08:30	06/16/22 20:05	96-12-8	
1,2-Dibromoethane (EDB)	<20.5	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	106-93-4	
1,2-Dichlorobenzene	<23.2	ug/kg	74.9	23.2	1	06/15/22 08:30	06/16/22 20:05	95-50-1	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<17.2	ug/kg	74.9	17.2	1	06/15/22 08:30	06/16/22 20:05	107-06-2	
1,2-Dichloropropane	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	78-87-5	
1,3,5-Trimethylbenzene	<24.1	ug/kg	74.9	24.1	1	06/15/22 08:30	06/16/22 20:05	108-67-8	
1,3-Dichlorobenzene	40.0J	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	541-73-1	
1,3-Dichloropropane	<16.3	ug/kg	74.9	16.3	1	06/15/22 08:30	06/16/22 20:05	142-28-9	
1,4-Dichlorobenzene	56.9J	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	106-46-7	
2,2-Dichloropropane	<20.2	ug/kg	74.9	20.2	1	06/15/22 08:30	06/16/22 20:05	594-20-7	
2-Chlorotoluene	<24.3	ug/kg	74.9	24.3	1	06/15/22 08:30	06/16/22 20:05	95-49-8	
4-Chlorotoluene	<28.4	ug/kg	74.9	28.4	1	06/15/22 08:30	06/16/22 20:05	106-43-4	
Benzene	<17.8	ug/kg	29.9	17.8	1	06/15/22 08:30	06/16/22 20:05	71-43-2	
Bromobenzene	<29.2	ug/kg	74.9	29.2	1	06/15/22 08:30	06/16/22 20:05	108-86-1	
Bromochloromethane	<20.5	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	74-97-5	
Bromodichloromethane	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	75-27-4	
Bromoform	<329	ug/kg	374	329	1	06/15/22 08:30	06/16/22 20:05	75-25-2	
Bromomethane	<105	ug/kg	374	105	1	06/15/22 08:30	06/16/22 20:05	74-83-9	
Carbon tetrachloride	<16.5	ug/kg	74.9	16.5	1	06/15/22 08:30	06/16/22 20:05	56-23-5	
Chlorobenzene	15.5J	ug/kg	74.9	9.0	1	06/15/22 08:30	06/16/22 20:05	108-90-7	
Chloroethane	<31.6	ug/kg	374	31.6	1	06/15/22 08:30	06/16/22 20:05	75-00-3	
Chloroform	<53.6	ug/kg	374	53.6	1	06/15/22 08:30	06/16/22 20:05	67-66-3	
Chloromethane	<28.4	ug/kg	74.9	28.4	1	06/15/22 08:30	06/16/22 20:05	74-87-3	
Dibromochloromethane	<256	ug/kg	374	256	1	06/15/22 08:30	06/16/22 20:05	124-48-1	
Dibromomethane	<22.2	ug/kg	74.9	22.2	1	06/15/22 08:30	06/16/22 20:05	74-95-3	
Dichlorodifluoromethane	<32.2	ug/kg	74.9	32.2	1	06/15/22 08:30	06/16/22 20:05	75-71-8	
Diisopropyl ether	<18.6	ug/kg	74.9	18.6	1	06/15/22 08:30	06/16/22 20:05	108-20-3	
Ethylbenzene	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	100-41-4	
Hexachloro-1,3-butadiene	<149	ug/kg	374	149	1	06/15/22 08:30	06/16/22 20:05	87-68-3	
Isopropylbenzene (Cumene)	20.5J	ug/kg	74.9	20.2	1	06/15/22 08:30	06/16/22 20:05	98-82-8	
Methyl-tert-butyl ether	<22.0	ug/kg	74.9	22.0	1	06/15/22 08:30	06/16/22 20:05	1634-04-4	
Methylene Chloride	<20.8	ug/kg	74.9	20.8	1	06/15/22 08:30	06/16/22 20:05	75-09-2	
Naphthalene	115J	ug/kg	374	23.4	1	06/15/22 08:30	06/16/22 20:05	91-20-3	
Styrene	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	100-42-5	
Tetrachloroethene	<29.0	ug/kg	74.9	29.0	1	06/15/22 08:30	06/16/22 20:05	127-18-4	
Toluene	33.9J	ug/kg	74.9	18.9	1	06/15/22 08:30	06/16/22 20:05	108-88-3	
Trichloroethene	<28.0	ug/kg	74.9	28.0	1	06/15/22 08:30	06/16/22 20:05	79-01-6	
Trichlorofluoromethane	<21.7	ug/kg	74.9	21.7	1	06/15/22 08:30	06/16/22 20:05	75-69-4	
Vinyl chloride	<15.1	ug/kg	74.9	15.1	1	06/15/22 08:30	06/16/22 20:05	75-01-4	
cis-1,2-Dichloroethene	<16.0	ug/kg	74.9	16.0	1	06/15/22 08:30	06/16/22 20:05	156-59-2	
cis-1,3-Dichloropropene	<49.4	ug/kg	374	49.4	1	06/15/22 08:30	06/16/22 20:05	10061-01-5	
m&p-Xylene	41.6J	ug/kg	150	31.6	1	06/15/22 08:30	06/16/22 20:05	179601-23-1	
n-Butylbenzene	<34.3	ug/kg	74.9	34.3	1	06/15/22 08:30	06/16/22 20:05	104-51-8	
n-Propylbenzene	<18.0	ug/kg	74.9	18.0	1	06/15/22 08:30	06/16/22 20:05	103-65-1	
o-Xylene	29.3J	ug/kg	74.9	22.5	1	06/15/22 08:30	06/16/22 20:05	95-47-6	
p-Isopropyltoluene	<22.8	ug/kg	74.9	22.8	1	06/15/22 08:30	06/16/22 20:05	99-87-6	
sec-Butylbenzene	<18.3	ug/kg	74.9	18.3	1	06/15/22 08:30	06/16/22 20:05	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<23.5	ug/kg	74.9	23.5	1	06/15/22 08:30	06/16/22 20:05	98-06-6	
trans-1,2-Dichloroethene	<16.2	ug/kg	74.9	16.2	1	06/15/22 08:30	06/16/22 20:05	156-60-5	
trans-1,3-Dichloropropene	<214	ug/kg	374	214	1	06/15/22 08:30	06/16/22 20:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	137	%	69-153		1	06/15/22 08:30	06/16/22 20:05	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	06/15/22 08:30	06/16/22 20:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	116	%	71-161		1	06/15/22 08:30	06/16/22 20:05	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.063	ug/kg	1.26	0.063	1	06/16/22 11:28	06/20/22 18:27	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.076	ug/kg	1.26	0.076	1	06/16/22 11:28	06/20/22 18:27	27619-97-2	
8:2 FTS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	39108-34-4	
9Cl-PF3ONS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	763051-92-9	
ADONA	<0.013	ug/kg	1.26	0.013	1	06/16/22 11:28	06/20/22 18:27	919005-14-4	
Perfluorooctanesulfonamide	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	754-91-6	
HFPO-DA	<0.177	ug/kg	2.52	0.177	1	06/16/22 11:28	06/20/22 18:27	13252-13-6	
NEtFOSA	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	4151-50-2	
NEtFOSAA	2.37	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	2991-50-6	
NEtFOSE	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	1691-99-2	
NMeFOSA	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	31506-32-8	
NMeFOSAA	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2355-31-9	
NMeFOSE	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	24448-09-7	
Perfluorobutanoic acid	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-73-5	
Perfluorodecanoic acid (S)	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	307-55-1	
PFDoS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	79780-39-5	
PFDS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	335-77-3	
Perfluoroheptanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-85-9	
PFHpS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-92-8	
Perfluorohexanoic acid (S)	0.058J	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	307-24-4	
Perfluorohexanesulfonic acid	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-95-1	
PFNS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	68259-12-1	
Perfluorooctanoic acid	<0.101	ug/kg	1.26	0.101	1	06/16/22 11:28	06/20/22 18:27	335-67-1	
Perfluorooctanesulfonic acid	0.521J	ug/kg	1.26	0.063	1	06/16/22 11:28	06/20/22 18:27	1763-23-1	
Perfluoropentanoic acid	0.091J	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2706-90-3	
PFPeS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	376-06-7	
Perfluorotridecanoic acid	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	17	%	50-150		1	06/16/22 11:28	06/20/22 18:27	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	17	%	50-150		1	06/16/22 11:28	06/20/22 18:27	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	85	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2355-31-9-EI	
d5-NEtFOSAA	91	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2991-50-6-EI	
d7-NMeFOSE	35	%	50-150		1	06/16/22 11:28	06/20/22 18:27	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	39	%	50-150		1	06/16/22 11:28	06/20/22 18:27	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	757124-72-4	
M2 6:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	27619-97-2-	
M2 8:2 FTS	119	%	50-150		1	06/16/22 11:28	06/20/22 18:27	39108-34-4-	
M2PFHxDA	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	67905-19-5-	
M2PFTeDA	110	%	50-150		1	06/16/22 11:28	06/20/22 18:27	376-06-7-EI	
M3HFPODA	83	%	50-150		1	06/16/22 11:28	06/20/22 18:27	13252-13-6-	
M3PFBS	85	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-73-5-EI	
M3PFHxS	87	%	50-150		1	06/16/22 11:28	06/20/22 18:27	355-46-4-EI	
M4PFHpA	78	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-85-9-EI	
M5PFHxA	79	%	50-150		1	06/16/22 11:28	06/20/22 18:27	307-24-4-EI	
M5PFPeA	78	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2706-90-3-EI	
M6PFDA	105	%	50-150		1	06/16/22 11:28	06/20/22 18:27	335-76-2-EI	
M7PFUdA	104	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2058-94-8-EI	
M8FOSA	47	%	50-150		1	06/16/22 11:28	06/20/22 18:27	754-91-6-EI	MSSV1 2.3
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:27	335-67-1-EI	
M8PFOS	99	%	50-150		1	06/16/22 11:28	06/20/22 18:27	1763-23-1-EI	
M9PFNA	95	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-95-1-EI	
MPFBA	74	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-22-4-EI	
MPFD <sub>o</sub> A	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>19.9</b>	%	0.10	0.10	1		06/15/22 15:35		
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**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;37.3</b>	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	12674-11-2	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11104-28-2	
PCB-1232 (Aroclor 1232)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11141-16-5	
PCB-1242 (Aroclor 1242)	1000	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	53469-21-9	
PCB-1248 (Aroclor 1248)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	12672-29-6	
PCB-1254 (Aroclor 1254)	250	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11097-69-1	
PCB-1260 (Aroclor 1260)	123	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11096-82-5	
PCB, Total	1380	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	78	%	50-99		2	06/15/22 14:55	06/16/22 13:27	877-09-8	
Decachlorobiphenyl (S)	62	%	38-95		2	06/15/22 14:55	06/16/22 13:27	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	39.8	mg/kg	6.0	3.5	2	06/14/22 06:44	06/14/22 18:48	7440-38-2	
Barium	131	mg/kg	1.2	0.36	2	06/14/22 06:44	06/14/22 18:48	7440-39-3	
Cadmium	0.37J	mg/kg	1.2	0.32	2	06/14/22 06:44	06/14/22 18:48	7440-43-9	D3
Chromium	26.5	mg/kg	2.4	0.67	2	06/14/22 06:44	06/14/22 18:48	7440-47-3	
Lead	75.7	mg/kg	4.8	1.4	2	06/14/22 06:44	06/14/22 18:48	7439-92-1	
Selenium	<3.2	mg/kg	9.6	3.2	2	06/14/22 06:44	06/14/22 18:48	7782-49-2	D3
Silver	<0.74	mg/kg	2.4	0.74	2	06/14/22 06:44	06/14/22 18:48	7440-22-4	D3
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.011J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:00	7440-38-2	3q
Barium	0.44	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:00	7440-39-3	
Cadmium	0.0035J	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:00	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:00	7440-47-3	
Copper	0.0078J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:00	7440-50-8	
Lead	0.0061J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:00	7439-92-1	
Nickel	0.032	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:00	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:00	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:00	7440-22-4	
Zinc	0.12	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:00	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:53	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.27	mg/kg	0.039	0.011	1	06/21/22 09:10	06/22/22 10:48	7439-97-6	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8** Lab ID: **40246376008** Collected: 06/10/22 12:40 Received: 06/10/22 15:40 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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<290	ug/kg	817	290	4	06/21/22 12:40	06/22/22 19:05	83-32-9	
Acenaphthylene	<291	ug/kg	817	291	4	06/21/22 12:40	06/22/22 19:05	208-96-8	
Anthracene	267J	ug/kg	817	131	4	06/21/22 12:40	06/22/22 19:05	120-12-7	
Benzo(a)anthracene	605J	ug/kg	817	126	4	06/21/22 12:40	06/22/22 19:05	56-55-3	
Benzo(a)pyrene	523J	ug/kg	817	123	4	06/21/22 12:40	06/22/22 19:05	50-32-8	
Benzo(b)fluoranthene	638J	ug/kg	817	140	4	06/21/22 12:40	06/22/22 19:05	205-99-2	
Benzo(g,h,i)perylene	405J	ug/kg	817	214	4	06/21/22 12:40	06/22/22 19:05	191-24-2	
Benzo(k)fluoranthene	271J	ug/kg	817	196	4	06/21/22 12:40	06/22/22 19:05	207-08-9	
4-Bromophenylphenyl ether	<171	ug/kg	817	171	4	06/21/22 12:40	06/22/22 19:05	101-55-3	
Butylbenzylphthalate	<340	ug/kg	817	340	4	06/21/22 12:40	06/22/22 19:05	85-68-7	
Carbazole	<128	ug/kg	817	128	4	06/21/22 12:40	06/22/22 19:05	86-74-8	
4-Chloro-3-methylphenol	<254	ug/kg	817	254	4	06/21/22 12:40	06/22/22 19:05	59-50-7	
4-Chloroaniline	<134	ug/kg	817	134	4	06/21/22 12:40	06/22/22 19:05	106-47-8	1q
bis(2-Chloroethoxy)methane	<220	ug/kg	817	220	4	06/21/22 12:40	06/22/22 19:05	111-91-1	
bis(2-Chloroethyl) ether	<255	ug/kg	817	255	4	06/21/22 12:40	06/22/22 19:05	111-44-4	L2
2-Chloronaphthalene	<105	ug/kg	817	105	4	06/21/22 12:40	06/22/22 19:05	91-58-7	
2-Chlorophenol	<204	ug/kg	817	204	4	06/21/22 12:40	06/22/22 19:05	95-57-8	
4-Chlorophenylphenyl ether	<152	ug/kg	817	152	4	06/21/22 12:40	06/22/22 19:05	7005-72-3	
Chrysene	667J	ug/kg	817	122	4	06/21/22 12:40	06/22/22 19:05	218-01-9	
Dibenz(a,h)anthracene	<222	ug/kg	817	222	4	06/21/22 12:40	06/22/22 19:05	53-70-3	
Dibenzofuran	<98.9	ug/kg	817	98.9	4	06/21/22 12:40	06/22/22 19:05	132-64-9	
1,2-Dichlorobenzene	<257	ug/kg	817	257	4	06/21/22 12:40	06/22/22 19:05	95-50-1	
1,3-Dichlorobenzene	<113	ug/kg	817	113	4	06/21/22 12:40	06/22/22 19:05	541-73-1	
1,4-Dichlorobenzene	<114	ug/kg	817	114	4	06/21/22 12:40	06/22/22 19:05	106-46-7	
3,3'-Dichlorobenzidine	<222	ug/kg	817	222	4	06/21/22 12:40	06/22/22 19:05	91-94-1	
2,4-Dichlorophenol	<218	ug/kg	817	218	4	06/21/22 12:40	06/22/22 19:05	120-83-2	
Diethylphthalate	<135	ug/kg	817	135	4	06/21/22 12:40	06/22/22 19:05	84-66-2	
2,4-Dimethylphenol	<162	ug/kg	817	162	4	06/21/22 12:40	06/22/22 19:05	105-67-9	
Dimethylphthalate	<106	ug/kg	817	106	4	06/21/22 12:40	06/22/22 19:05	131-11-3	
Di-n-butylphthalate	<122	ug/kg	817	122	4	06/21/22 12:40	06/22/22 19:05	84-74-2	
4,6-Dinitro-2-methylphenol	<252	ug/kg	817	252	4	06/21/22 12:40	06/22/22 19:05	534-52-1	
2,4-Dinitrophenol	<642	ug/kg	1610	642	4	06/21/22 12:40	06/22/22 19:05	51-28-5	
2,4-Dinitrotoluene	<117	ug/kg	817	117	4	06/21/22 12:40	06/22/22 19:05	121-14-2	
2,6-Dinitrotoluene	<155	ug/kg	817	155	4	06/21/22 12:40	06/22/22 19:05	606-20-2	
Di-n-octylphthalate	<184	ug/kg	817	184	4	06/21/22 12:40	06/22/22 19:05	117-84-0	
bis(2-Ethylhexyl)phthalate	<279	ug/kg	817	279	4	06/21/22 12:40	06/22/22 19:05	117-81-7	
Fluoranthene	1490	ug/kg	817	116	4	06/21/22 12:40	06/22/22 19:05	206-44-0	
Fluorene	112J	ug/kg	817	95.5	4	06/21/22 12:40	06/22/22 19:05	86-73-7	
Hexachloro-1,3-butadiene	<208	ug/kg	817	208	4	06/21/22 12:40	06/22/22 19:05	87-68-3	
Hexachlorobenzene	<137	ug/kg	817	137	4	06/21/22 12:40	06/22/22 19:05	118-74-1	
Hexachlorocyclopentadiene	<193	ug/kg	817	193	4	06/21/22 12:40	06/22/22 19:05	77-47-4	
Hexachloroethane	<131	ug/kg	817	131	4	06/21/22 12:40	06/22/22 19:05	67-72-1	
Indeno(1,2,3-cd)pyrene	400J	ug/kg	817	177	4	06/21/22 12:40	06/22/22 19:05	193-39-5	
Isophorone	<126	ug/kg	817	126	4	06/21/22 12:40	06/22/22 19:05	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<212	ug/kg	817	212	4	06/21/22 12:40	06/22/22 19:05	91-57-6	
2-Methylphenol(o-Cresol)	<148	ug/kg	817	148	4	06/21/22 12:40	06/22/22 19:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	<150	ug/kg	817	150	4	06/21/22 12:40	06/22/22 19:05		
Naphthalene	<286	ug/kg	817	286	4	06/21/22 12:40	06/22/22 19:05	91-20-3	
2-Nitroaniline	<233	ug/kg	817	233	4	06/21/22 12:40	06/22/22 19:05	88-74-4	
3-Nitroaniline	<139	ug/kg	817	139	4	06/21/22 12:40	06/22/22 19:05	99-09-2	
4-Nitroaniline	<339	ug/kg	817	339	4	06/21/22 12:40	06/22/22 19:05	100-01-6	
Nitrobenzene	<166	ug/kg	817	166	4	06/21/22 12:40	06/22/22 19:05	98-95-3	
2-Nitrophenol	<258	ug/kg	817	258	4	06/21/22 12:40	06/22/22 19:05	88-75-5	
4-Nitrophenol	<206	ug/kg	817	206	4	06/21/22 12:40	06/22/22 19:05	100-02-7	
N-Nitroso-di-n-propylamine	<130	ug/kg	817	130	4	06/21/22 12:40	06/22/22 19:05	621-64-7	
N-Nitrosodiphenylamine	<215	ug/kg	817	215	4	06/21/22 12:40	06/22/22 19:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	<211	ug/kg	817	211	4	06/21/22 12:40	06/22/22 19:05	108-60-1	
Pentachlorophenol	<180	ug/kg	817	180	4	06/21/22 12:40	06/22/22 19:05	87-86-5	
Phenanthrene	811J	ug/kg	817	105	4	06/21/22 12:40	06/22/22 19:05	85-01-8	
Phenol	<194	ug/kg	817	194	4	06/21/22 12:40	06/22/22 19:05	108-95-2	D3
Pyrene	1110	ug/kg	817	181	4	06/21/22 12:40	06/22/22 19:05	129-00-0	
1,2,4-Trichlorobenzene	<92.3	ug/kg	817	92.3	4	06/21/22 12:40	06/22/22 19:05	120-82-1	
2,4,5-Trichlorophenol	<144	ug/kg	817	144	4	06/21/22 12:40	06/22/22 19:05	95-95-4	
2,4,6-Trichlorophenol	<125	ug/kg	817	125	4	06/21/22 12:40	06/22/22 19:05	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	68	%	10-125		4	06/21/22 12:40	06/22/22 19:05	4165-60-0	
2-Fluorobiphenyl (S)	67	%	12-118		4	06/21/22 12:40	06/22/22 19:05	321-60-8	
Terphenyl-d14 (S)	70	%	10-124		4	06/21/22 12:40	06/22/22 19:05	1718-51-0	
Phenol-d6 (S)	60	%	10-125		4	06/21/22 12:40	06/22/22 19:05	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		4	06/21/22 12:40	06/22/22 19:05	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		4	06/21/22 12:40	06/22/22 19:05	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<17.4	ug/kg	72.5	17.4	1	06/15/22 08:30	06/16/22 20:24	630-20-6	
1,1,1-Trichloroethane	105	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	71-55-6	
1,1,2,2-Tetrachloroethane	<26.2	ug/kg	72.5	26.2	1	06/15/22 08:30	06/16/22 20:24	79-34-5	
1,1,2-Trichloroethane	<26.4	ug/kg	72.5	26.4	1	06/15/22 08:30	06/16/22 20:24	79-00-5	
1,1-Dichloroethane	96.3	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	75-34-3	
1,1-Dichloroethene	<24.1	ug/kg	72.5	24.1	1	06/15/22 08:30	06/16/22 20:24	75-35-4	
1,1-Dichloropropene	<23.5	ug/kg	72.5	23.5	1	06/15/22 08:30	06/16/22 20:24	563-58-6	
1,2,3-Trichlorobenzene	<80.8	ug/kg	362	80.8	1	06/15/22 08:30	06/16/22 20:24	87-61-6	
1,2,3-Trichloropropane	<35.2	ug/kg	72.5	35.2	1	06/15/22 08:30	06/16/22 20:24	96-18-4	
1,2,4-Trichlorobenzene	<59.7	ug/kg	362	59.7	1	06/15/22 08:30	06/16/22 20:24	120-82-1	
1,2,4-Trimethylbenzene	43.3J	ug/kg	72.5	21.6	1	06/15/22 08:30	06/16/22 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	<56.3	ug/kg	362	56.3	1	06/15/22 08:30	06/16/22 20:24	96-12-8	
1,2-Dibromoethane (EDB)	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	106-93-4	
1,2-Dichlorobenzene	<22.5	ug/kg	72.5	22.5	1	06/15/22 08:30	06/16/22 20:24	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.7	ug/kg	72.5	16.7	1	06/15/22 08:30	06/16/22 20:24	107-06-2	
1,2-Dichloropropane	<17.3	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	78-87-5	
1,3,5-Trimethylbenzene	31.5J	ug/kg	72.5	23.3	1	06/15/22 08:30	06/16/22 20:24	108-67-8	
1,3-Dichlorobenzene	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	541-73-1	
1,3-Dichloropropane	<15.8	ug/kg	72.5	15.8	1	06/15/22 08:30	06/16/22 20:24	142-28-9	
1,4-Dichlorobenzene	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	106-46-7	
2,2-Dichloropropane	<19.6	ug/kg	72.5	19.6	1	06/15/22 08:30	06/16/22 20:24	594-20-7	
2-Chlorotoluene	<23.5	ug/kg	72.5	23.5	1	06/15/22 08:30	06/16/22 20:24	95-49-8	
4-Chlorotoluene	<27.5	ug/kg	72.5	27.5	1	06/15/22 08:30	06/16/22 20:24	106-43-4	
Benzene	<17.3	ug/kg	29.0	17.3	1	06/15/22 08:30	06/16/22 20:24	71-43-2	
Bromobenzene	<28.3	ug/kg	72.5	28.3	1	06/15/22 08:30	06/16/22 20:24	108-86-1	
Bromochloromethane	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	74-97-5	
Bromodichloromethane	<17.3	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	75-27-4	
Bromoform	<319	ug/kg	362	319	1	06/15/22 08:30	06/16/22 20:24	75-25-2	
Bromomethane	<102	ug/kg	362	102	1	06/15/22 08:30	06/16/22 20:24	74-83-9	
Carbon tetrachloride	<15.9	ug/kg	72.5	15.9	1	06/15/22 08:30	06/16/22 20:24	56-23-5	
Chlorobenzene	<8.7	ug/kg	72.5	8.7	1	06/15/22 08:30	06/16/22 20:24	108-90-7	
Chloroethane	<30.6	ug/kg	362	30.6	1	06/15/22 08:30	06/16/22 20:24	75-00-3	
Chloroform	<51.9	ug/kg	362	51.9	1	06/15/22 08:30	06/16/22 20:24	67-66-3	
Chloromethane	<27.5	ug/kg	72.5	27.5	1	06/15/22 08:30	06/16/22 20:24	74-87-3	
Dibromochloromethane	<248	ug/kg	362	248	1	06/15/22 08:30	06/16/22 20:24	124-48-1	
Dibromomethane	<21.5	ug/kg	72.5	21.5	1	06/15/22 08:30	06/16/22 20:24	74-95-3	
Dichlorodifluoromethane	<31.2	ug/kg	72.5	31.2	1	06/15/22 08:30	06/16/22 20:24	75-71-8	
Diisopropyl ether	<18.0	ug/kg	72.5	18.0	1	06/15/22 08:30	06/16/22 20:24	108-20-3	
Ethylbenzene	64.6J	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	100-41-4	
Hexachloro-1,3-butadiene	<144	ug/kg	362	144	1	06/15/22 08:30	06/16/22 20:24	87-68-3	
Isopropylbenzene (Cumene)	<19.6	ug/kg	72.5	19.6	1	06/15/22 08:30	06/16/22 20:24	98-82-8	
Methyl-tert-butyl ether	<21.3	ug/kg	72.5	21.3	1	06/15/22 08:30	06/16/22 20:24	1634-04-4	
Methylene Chloride	<20.2	ug/kg	72.5	20.2	1	06/15/22 08:30	06/16/22 20:24	75-09-2	
Naphthalene	46.1J	ug/kg	362	22.6	1	06/15/22 08:30	06/16/22 20:24	91-20-3	
Styrene	<18.6	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	100-42-5	
Tetrachloroethene	59.6J	ug/kg	72.5	28.1	1	06/15/22 08:30	06/16/22 20:24	127-18-4	
Toluene	192	ug/kg	72.5	18.3	1	06/15/22 08:30	06/16/22 20:24	108-88-3	
Trichloroethene	53.5J	ug/kg	72.5	27.1	1	06/15/22 08:30	06/16/22 20:24	79-01-6	
Trichlorofluoromethane	<21.0	ug/kg	72.5	21.0	1	06/15/22 08:30	06/16/22 20:24	75-69-4	
Vinyl chloride	<14.6	ug/kg	72.5	14.6	1	06/15/22 08:30	06/16/22 20:24	75-01-4	
cis-1,2-Dichloroethene	<15.5	ug/kg	72.5	15.5	1	06/15/22 08:30	06/16/22 20:24	156-59-2	
cis-1,3-Dichloropropene	<47.8	ug/kg	362	47.8	1	06/15/22 08:30	06/16/22 20:24	10061-01-5	
m&p-Xylene	102J	ug/kg	145	30.6	1	06/15/22 08:30	06/16/22 20:24	179601-23-1	
n-Butylbenzene	<33.2	ug/kg	72.5	33.2	1	06/15/22 08:30	06/16/22 20:24	104-51-8	
n-Propylbenzene	27.0J	ug/kg	72.5	17.4	1	06/15/22 08:30	06/16/22 20:24	103-65-1	
o-Xylene	31.0J	ug/kg	72.5	21.7	1	06/15/22 08:30	06/16/22 20:24	95-47-6	
p-Isopropyltoluene	24.6J	ug/kg	72.5	22.0	1	06/15/22 08:30	06/16/22 20:24	99-87-6	
sec-Butylbenzene	<17.7	ug/kg	72.5	17.7	1	06/15/22 08:30	06/16/22 20:24	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.8	ug/kg	72.5	22.8	1	06/15/22 08:30	06/16/22 20:24	98-06-6	
trans-1,2-Dichloroethene	<15.7	ug/kg	72.5	15.7	1	06/15/22 08:30	06/16/22 20:24	156-60-5	
trans-1,3-Dichloropropene	<207	ug/kg	362	207	1	06/15/22 08:30	06/16/22 20:24	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	153	%	69-153		1	06/15/22 08:30	06/16/22 20:24	2037-26-5	
4-Bromofluorobenzene (S)	153	%	68-156		1	06/15/22 08:30	06/16/22 20:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	71-161		1	06/15/22 08:30	06/16/22 20:24	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.062	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 18:42	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.074	ug/kg	1.23	0.074	1	06/16/22 11:28	06/20/22 18:42	27619-97-2	
8:2 FTS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	39108-34-4	
9Cl-PF3ONS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	763051-92-9	
ADONA	<0.012	ug/kg	1.23	0.012	1	06/16/22 11:28	06/20/22 18:42	919005-14-4	
Perfluorooctanesulfonamide	0.044J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	754-91-6	
HFPO-DA	<0.172	ug/kg	2.46	0.172	1	06/16/22 11:28	06/20/22 18:42	13252-13-6	
NEtFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	4151-50-2	
NEtFOSAA	2.01	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	2991-50-6	
NEtFOSE	0.117J	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	1691-99-2	
NMeFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	31506-32-8	
NMeFOSAA	0.036J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2355-31-9	
NMeFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	24448-09-7	
Perfluorobutanoic acid	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-73-5	
Perfluorodecanoic acid (S)	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	307-55-1	
PFDoS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	79780-39-5	
PFDS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	335-77-3	
Perfluoroheptanoic acid	0.027J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-85-9	
PFHpS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-92-8	
Perfluorohexanoic acid (S)	0.050J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	307-24-4	
Perfluorohexanesulfonic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-95-1	
PFNS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	68259-12-1	
Perfluorooctanoic acid	0.161J	ug/kg	1.23	0.098	1	06/16/22 11:28	06/20/22 18:42	335-67-1	
Perfluorooctanesulfonic acid	1.01J	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 18:42	1763-23-1	
Perfluoropentanoic acid	0.038J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2706-90-3	
PFPeS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	376-06-7	
Perfluorotridecanoic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	13	%	50-150		1	06/16/22 11:28	06/20/22 18:42	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	11	%	50-150		1	06/16/22 11:28	06/20/22 18:42	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2355-31-9-EI	
d5-NEtFOSAA	79	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2991-50-6-EI	
d7-NMeFOSE	30	%	50-150		1	06/16/22 11:28	06/20/22 18:42	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	31	%	50-150		1	06/16/22 11:28	06/20/22 18:42	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	111	%	50-150		1	06/16/22 11:28	06/20/22 18:42	757124-72-4	
M2 6:2 FTS	106	%	50-150		1	06/16/22 11:28	06/20/22 18:42	27619-97-2-	
M2 8:2 FTS	108	%	50-150		1	06/16/22 11:28	06/20/22 18:42	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 18:42	67905-19-5-	
M2PFTeDA	95	%	50-150		1	06/16/22 11:28	06/20/22 18:42	376-06-7-EI	
M3HFPODA	85	%	50-150		1	06/16/22 11:28	06/20/22 18:42	13252-13-6-	
M3PFBS	91	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-73-5-EI	
M3PFHxS	89	%	50-150		1	06/16/22 11:28	06/20/22 18:42	355-46-4-EI	
M4PFHpA	80	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-85-9-EI	
M5PFHxA	83	%	50-150		1	06/16/22 11:28	06/20/22 18:42	307-24-4-EI	
M5PFPeA	81	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2706-90-3-EI	
M6PFDA	90	%	50-150		1	06/16/22 11:28	06/20/22 18:42	335-76-2-EI	
M7PFUdA	90	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2058-94-8-EI	
M8FOSA	37	%	50-150		1	06/16/22 11:28	06/20/22 18:42	754-91-6-EI	MSSV1 2.3
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	335-67-1-EI	
M8PFOS	93	%	50-150		1	06/16/22 11:28	06/20/22 18:42	1763-23-1-EI	
M9PFNA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-95-1-EI	
MPFBA	76	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-22-4-EI	
MPFD <sub>o</sub> A	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>18.4</b>	%	0.10	0.10	1		06/20/22 15:21		
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**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;18.7</b>	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11141-16-5	
PCB-1242 (Aroclor 1242)	1170	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	12672-29-6	
PCB-1254 (Aroclor 1254)	206	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11097-69-1	
PCB-1260 (Aroclor 1260)	197	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11096-82-5	
PCB, Total	1570	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	73	%	50-99		1	06/15/22 14:55	06/16/22 12:22	877-09-8	
Decachlorobiphenyl (S)	56	%	38-95		1	06/15/22 14:55	06/16/22 12:22	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	8.1	mg/kg	3.0	1.8	1	06/14/22 06:44	06/14/22 15:04	7440-38-2	
Barium	161	mg/kg	0.61	0.18	1	06/14/22 06:44	06/14/22 15:04	7440-39-3	
Cadmium	0.41J	mg/kg	0.61	0.16	1	06/14/22 06:44	06/14/22 15:04	7440-43-9	
Chromium	29.3	mg/kg	1.2	0.34	1	06/14/22 06:44	06/14/22 15:04	7440-47-3	
Lead	38.0	mg/kg	2.4	0.73	1	06/14/22 06:44	06/14/22 15:04	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	06/14/22 06:44	06/14/22 15:04	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	06/14/22 06:44	06/14/22 15:04	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.013J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:07	7440-38-2	3q
Barium	0.55	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:07	7440-39-3	
Cadmium	0.0024J	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:07	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:07	7440-47-3	
Copper	0.0071J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:07	7440-50-8	
Lead	0.0099J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:07	7439-92-1	
Nickel	0.029	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:07	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:07	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:07	7440-22-4	
Zinc	0.098	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:07	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:56	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.19	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:51	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<291	ug/kg	821	291	4	06/21/22 12:40	06/23/22 20:00	83-32-9	
Acenaphthylene	<293	ug/kg	821	293	4	06/21/22 12:40	06/23/22 20:00	208-96-8	
Anthracene	151J	ug/kg	821	131	4	06/21/22 12:40	06/23/22 20:00	120-12-7	
Benzo(a)anthracene	525J	ug/kg	821	127	4	06/21/22 12:40	06/23/22 20:00	56-55-3	
Benzo(a)pyrene	472J	ug/kg	821	124	4	06/21/22 12:40	06/23/22 20:00	50-32-8	
Benzo(b)fluoranthene	573J	ug/kg	821	141	4	06/21/22 12:40	06/23/22 20:00	205-99-2	
Benzo(g,h,i)perylene	366J	ug/kg	821	215	4	06/21/22 12:40	06/23/22 20:00	191-24-2	
Benzo(k)fluoranthene	201J	ug/kg	821	197	4	06/21/22 12:40	06/23/22 20:00	207-08-9	
4-Bromophenylphenyl ether	<172	ug/kg	821	172	4	06/21/22 12:40	06/23/22 20:00	101-55-3	
Butylbenzylphthalate	<342	ug/kg	821	342	4	06/21/22 12:40	06/23/22 20:00	85-68-7	
Carbazole	<129	ug/kg	821	129	4	06/21/22 12:40	06/23/22 20:00	86-74-8	
4-Chloro-3-methylphenol	<255	ug/kg	821	255	4	06/21/22 12:40	06/23/22 20:00	59-50-7	
4-Chloroaniline	<135	ug/kg	821	135	4	06/21/22 12:40	06/23/22 20:00	106-47-8	4q
bis(2-Chloroethoxy)methane	<221	ug/kg	821	221	4	06/21/22 12:40	06/23/22 20:00	111-91-1	
bis(2-Chloroethyl) ether	<256	ug/kg	821	256	4	06/21/22 12:40	06/23/22 20:00	111-44-4	L2
2-Chloronaphthalene	<105	ug/kg	821	105	4	06/21/22 12:40	06/23/22 20:00	91-58-7	
2-Chlorophenol	<205	ug/kg	821	205	4	06/21/22 12:40	06/23/22 20:00	95-57-8	
4-Chlorophenylphenyl ether	<153	ug/kg	821	153	4	06/21/22 12:40	06/23/22 20:00	7005-72-3	
Chrysene	574J	ug/kg	821	123	4	06/21/22 12:40	06/23/22 20:00	218-01-9	
Dibenz(a,h)anthracene	<223	ug/kg	821	223	4	06/21/22 12:40	06/23/22 20:00	53-70-3	
Dibenzofuran	<99.4	ug/kg	821	99.4	4	06/21/22 12:40	06/23/22 20:00	132-64-9	
1,2-Dichlorobenzene	<258	ug/kg	821	258	4	06/21/22 12:40	06/23/22 20:00	95-50-1	
1,3-Dichlorobenzene	<114	ug/kg	821	114	4	06/21/22 12:40	06/23/22 20:00	541-73-1	
1,4-Dichlorobenzene	<114	ug/kg	821	114	4	06/21/22 12:40	06/23/22 20:00	106-46-7	
3,3'-Dichlorobenzidine	<223	ug/kg	821	223	4	06/21/22 12:40	06/23/22 20:00	91-94-1	
2,4-Dichlorophenol	<219	ug/kg	821	219	4	06/21/22 12:40	06/23/22 20:00	120-83-2	
Diethylphthalate	<136	ug/kg	821	136	4	06/21/22 12:40	06/23/22 20:00	84-66-2	
2,4-Dimethylphenol	<162	ug/kg	821	162	4	06/21/22 12:40	06/23/22 20:00	105-67-9	
Dimethylphthalate	<107	ug/kg	821	107	4	06/21/22 12:40	06/23/22 20:00	131-11-3	
Di-n-butylphthalate	<123	ug/kg	821	123	4	06/21/22 12:40	06/23/22 20:00	84-74-2	
4,6-Dinitro-2-methylphenol	<253	ug/kg	821	253	4	06/21/22 12:40	06/23/22 20:00	534-52-1	
2,4-Dinitrophenol	<645	ug/kg	1620	645	4	06/21/22 12:40	06/23/22 20:00	51-28-5	
2,4-Dinitrotoluene	<117	ug/kg	821	117	4	06/21/22 12:40	06/23/22 20:00	121-14-2	
2,6-Dinitrotoluene	<156	ug/kg	821	156	4	06/21/22 12:40	06/23/22 20:00	606-20-2	
Di-n-octylphthalate	<185	ug/kg	821	185	4	06/21/22 12:40	06/23/22 20:00	117-84-0	
bis(2-Ethylhexyl)phthalate	863	ug/kg	821	280	4	06/21/22 12:40	06/23/22 20:00	117-81-7	
Fluoranthene	1160	ug/kg	821	116	4	06/21/22 12:40	06/23/22 20:00	206-44-0	
Fluorene	<95.9	ug/kg	821	95.9	4	06/21/22 12:40	06/23/22 20:00	86-73-7	
Hexachloro-1,3-butadiene	<209	ug/kg	821	209	4	06/21/22 12:40	06/23/22 20:00	87-68-3	
Hexachlorobenzene	<138	ug/kg	821	138	4	06/21/22 12:40	06/23/22 20:00	118-74-1	
Hexachlorocyclopentadiene	<194	ug/kg	821	194	4	06/21/22 12:40	06/23/22 20:00	77-47-4	
Hexachloroethane	<131	ug/kg	821	131	4	06/21/22 12:40	06/23/22 20:00	67-72-1	
Indeno(1,2,3-cd)pyrene	354J	ug/kg	821	178	4	06/21/22 12:40	06/23/22 20:00	193-39-5	
Isophorone	<126	ug/kg	821	126	4	06/21/22 12:40	06/23/22 20:00	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<213	ug/kg	821	213	4	06/21/22 12:40	06/23/22 20:00	91-57-6	
2-Methylphenol(o-Cresol)	<149	ug/kg	821	149	4	06/21/22 12:40	06/23/22 20:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	<150	ug/kg	821	150	4	06/21/22 12:40	06/23/22 20:00		
Naphthalene	<287	ug/kg	821	287	4	06/21/22 12:40	06/23/22 20:00	91-20-3	
2-Nitroaniline	<234	ug/kg	821	234	4	06/21/22 12:40	06/23/22 20:00	88-74-4	
3-Nitroaniline	<140	ug/kg	821	140	4	06/21/22 12:40	06/23/22 20:00	99-09-2	
4-Nitroaniline	<341	ug/kg	821	341	4	06/21/22 12:40	06/23/22 20:00	100-01-6	
Nitrobenzene	<166	ug/kg	821	166	4	06/21/22 12:40	06/23/22 20:00	98-95-3	
2-Nitrophenol	<259	ug/kg	821	259	4	06/21/22 12:40	06/23/22 20:00	88-75-5	
4-Nitrophenol	<207	ug/kg	821	207	4	06/21/22 12:40	06/23/22 20:00	100-02-7	
N-Nitroso-di-n-propylamine	<130	ug/kg	821	130	4	06/21/22 12:40	06/23/22 20:00	621-64-7	
N-Nitrosodiphenylamine	<216	ug/kg	821	216	4	06/21/22 12:40	06/23/22 20:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	<212	ug/kg	821	212	4	06/21/22 12:40	06/23/22 20:00	108-60-1	
Pentachlorophenol	<181	ug/kg	821	181	4	06/21/22 12:40	06/23/22 20:00	87-86-5	
Phenanthrene	720J	ug/kg	821	105	4	06/21/22 12:40	06/23/22 20:00	85-01-8	
Phenol	<195	ug/kg	821	195	4	06/21/22 12:40	06/23/22 20:00	108-95-2	D3
Pyrene	1030	ug/kg	821	182	4	06/21/22 12:40	06/23/22 20:00	129-00-0	
1,2,4-Trichlorobenzene	<92.8	ug/kg	821	92.8	4	06/21/22 12:40	06/23/22 20:00	120-82-1	
2,4,5-Trichlorophenol	<145	ug/kg	821	145	4	06/21/22 12:40	06/23/22 20:00	95-95-4	
2,4,6-Trichlorophenol	<125	ug/kg	821	125	4	06/21/22 12:40	06/23/22 20:00	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	10-125		4	06/21/22 12:40	06/23/22 20:00	4165-60-0	
2-Fluorobiphenyl (S)	57	%	12-118		4	06/21/22 12:40	06/23/22 20:00	321-60-8	
Terphenyl-d14 (S)	76	%	10-124		4	06/21/22 12:40	06/23/22 20:00	1718-51-0	
Phenol-d6 (S)	49	%	10-125		4	06/21/22 12:40	06/23/22 20:00	13127-88-3	
2-Fluorophenol (S)	54	%	10-130		4	06/21/22 12:40	06/23/22 20:00	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		4	06/21/22 12:40	06/23/22 20:00	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<17.5	ug/kg	72.8	17.5	1	06/15/22 08:30	06/16/22 20:44	630-20-6	
1,1,1-Trichloroethane	102	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	71-55-6	
1,1,2,2-Tetrachloroethane	<26.4	ug/kg	72.8	26.4	1	06/15/22 08:30	06/16/22 20:44	79-34-5	
1,1,2-Trichloroethane	<26.5	ug/kg	72.8	26.5	1	06/15/22 08:30	06/16/22 20:44	79-00-5	
1,1-Dichloroethane	131	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	75-34-3	
1,1-Dichloroethene	<24.2	ug/kg	72.8	24.2	1	06/15/22 08:30	06/16/22 20:44	75-35-4	
1,1-Dichloropropene	<23.6	ug/kg	72.8	23.6	1	06/15/22 08:30	06/16/22 20:44	563-58-6	
1,2,3-Trichlorobenzene	<81.1	ug/kg	364	81.1	1	06/15/22 08:30	06/16/22 20:44	87-61-6	
1,2,3-Trichloropropane	<35.4	ug/kg	72.8	35.4	1	06/15/22 08:30	06/16/22 20:44	96-18-4	
1,2,4-Trichlorobenzene	<60.0	ug/kg	364	60.0	1	06/15/22 08:30	06/16/22 20:44	120-82-1	
1,2,4-Trimethylbenzene	64.8J	ug/kg	72.8	21.7	1	06/15/22 08:30	06/16/22 20:44	95-63-6	
1,2-Dibromo-3-chloropropane	<56.5	ug/kg	364	56.5	1	06/15/22 08:30	06/16/22 20:44	96-12-8	
1,2-Dibromoethane (EDB)	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	106-93-4	
1,2-Dichlorobenzene	29.8J	ug/kg	72.8	22.6	1	06/15/22 08:30	06/16/22 20:44	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.7	ug/kg	72.8	16.7	1	06/15/22 08:30	06/16/22 20:44	107-06-2	
1,2-Dichloropropane	<17.3	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	78-87-5	
1,3,5-Trimethylbenzene	37.3J	ug/kg	72.8	23.4	1	06/15/22 08:30	06/16/22 20:44	108-67-8	
1,3-Dichlorobenzene	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	541-73-1	
1,3-Dichloropropane	<15.9	ug/kg	72.8	15.9	1	06/15/22 08:30	06/16/22 20:44	142-28-9	
1,4-Dichlorobenzene	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	106-46-7	
2,2-Dichloropropane	<19.7	ug/kg	72.8	19.7	1	06/15/22 08:30	06/16/22 20:44	594-20-7	
2-Chlorotoluene	<23.6	ug/kg	72.8	23.6	1	06/15/22 08:30	06/16/22 20:44	95-49-8	
4-Chlorotoluene	<27.7	ug/kg	72.8	27.7	1	06/15/22 08:30	06/16/22 20:44	106-43-4	
Benzene	<17.3	ug/kg	29.1	17.3	1	06/15/22 08:30	06/16/22 20:44	71-43-2	
Bromobenzene	<28.4	ug/kg	72.8	28.4	1	06/15/22 08:30	06/16/22 20:44	108-86-1	
Bromochloromethane	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	74-97-5	
Bromodichloromethane	<17.3	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	75-27-4	
Bromoform	<320	ug/kg	364	320	1	06/15/22 08:30	06/16/22 20:44	75-25-2	
Bromomethane	<102	ug/kg	364	102	1	06/15/22 08:30	06/16/22 20:44	74-83-9	
Carbon tetrachloride	<16.0	ug/kg	72.8	16.0	1	06/15/22 08:30	06/16/22 20:44	56-23-5	
Chlorobenzene	<8.7	ug/kg	72.8	8.7	1	06/15/22 08:30	06/16/22 20:44	108-90-7	
Chloroethane	<30.7	ug/kg	364	30.7	1	06/15/22 08:30	06/16/22 20:44	75-00-3	
Chloroform	<52.1	ug/kg	364	52.1	1	06/15/22 08:30	06/16/22 20:44	67-66-3	
Chloromethane	<27.7	ug/kg	72.8	27.7	1	06/15/22 08:30	06/16/22 20:44	74-87-3	
Dibromochloromethane	<249	ug/kg	364	249	1	06/15/22 08:30	06/16/22 20:44	124-48-1	
Dibromomethane	<21.6	ug/kg	72.8	21.6	1	06/15/22 08:30	06/16/22 20:44	74-95-3	
Dichlorodifluoromethane	<31.3	ug/kg	72.8	31.3	1	06/15/22 08:30	06/16/22 20:44	75-71-8	
Diisopropyl ether	<18.1	ug/kg	72.8	18.1	1	06/15/22 08:30	06/16/22 20:44	108-20-3	
Ethylbenzene	62.9J	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	100-41-4	
Hexachloro-1,3-butadiene	<145	ug/kg	364	145	1	06/15/22 08:30	06/16/22 20:44	87-68-3	
Isopropylbenzene (Cumene)	23.1J	ug/kg	72.8	19.7	1	06/15/22 08:30	06/16/22 20:44	98-82-8	
Methyl-tert-butyl ether	<21.4	ug/kg	72.8	21.4	1	06/15/22 08:30	06/16/22 20:44	1634-04-4	
Methylene Chloride	<20.2	ug/kg	72.8	20.2	1	06/15/22 08:30	06/16/22 20:44	75-09-2	
Naphthalene	66.1J	ug/kg	364	22.7	1	06/15/22 08:30	06/16/22 20:44	91-20-3	
Styrene	<18.6	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	100-42-5	
Tetrachloroethene	57.0J	ug/kg	72.8	28.3	1	06/15/22 08:30	06/16/22 20:44	127-18-4	
Toluene	198	ug/kg	72.8	18.3	1	06/15/22 08:30	06/16/22 20:44	108-88-3	
Trichloroethene	<27.2	ug/kg	72.8	27.2	1	06/15/22 08:30	06/16/22 20:44	79-01-6	
Trichlorofluoromethane	<21.1	ug/kg	72.8	21.1	1	06/15/22 08:30	06/16/22 20:44	75-69-4	
Vinyl chloride	<14.7	ug/kg	72.8	14.7	1	06/15/22 08:30	06/16/22 20:44	75-01-4	
cis-1,2-Dichloroethene	16.9J	ug/kg	72.8	15.6	1	06/15/22 08:30	06/16/22 20:44	156-59-2	
cis-1,3-Dichloropropene	<48.1	ug/kg	364	48.1	1	06/15/22 08:30	06/16/22 20:44	10061-01-5	
m&p-Xylene	72.2J	ug/kg	146	30.7	1	06/15/22 08:30	06/16/22 20:44	179601-23-1	
n-Butylbenzene	<33.3	ug/kg	72.8	33.3	1	06/15/22 08:30	06/16/22 20:44	104-51-8	
n-Propylbenzene	22.1J	ug/kg	72.8	17.5	1	06/15/22 08:30	06/16/22 20:44	103-65-1	
o-Xylene	27.6J	ug/kg	72.8	21.8	1	06/15/22 08:30	06/16/22 20:44	95-47-6	
p-Isopropyltoluene	51.1J	ug/kg	72.8	22.1	1	06/15/22 08:30	06/16/22 20:44	99-87-6	
sec-Butylbenzene	21.5J	ug/kg	72.8	17.8	1	06/15/22 08:30	06/16/22 20:44	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.9	ug/kg	72.8	22.9	1	06/15/22 08:30	06/16/22 20:44	98-06-6	
trans-1,2-Dichloroethene	<15.7	ug/kg	72.8	15.7	1	06/15/22 08:30	06/16/22 20:44	156-60-5	
trans-1,3-Dichloropropene	<208	ug/kg	364	208	1	06/15/22 08:30	06/16/22 20:44	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	153	%	69-153		1	06/15/22 08:30	06/16/22 20:44	2037-26-5	
4-Bromofluorobenzene (S)	146	%	68-156		1	06/15/22 08:30	06/16/22 20:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	128	%	71-161		1	06/15/22 08:30	06/16/22 20:44	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.057	ug/kg	1.15	0.057	1	06/16/22 11:28	06/20/22 19:26	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.069	ug/kg	1.15	0.069	1	06/16/22 11:28	06/20/22 19:26	27619-97-2	
8:2 FTS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	39108-34-4	
9Cl-PF3ONS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	763051-92-9	
ADONA	<0.011	ug/kg	1.15	0.011	1	06/16/22 11:28	06/20/22 19:26	919005-14-4	
Perfluorooctanesulfonamide	0.034J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	754-91-6	
HFPO-DA	<0.161	ug/kg	2.30	0.161	1	06/16/22 11:28	06/20/22 19:26	13252-13-6	
NEtFOSA	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	4151-50-2	
NEtFOSAA	1.92	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	2991-50-6	
NEtFOSE	0.043J	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2355-31-9	
NMeFOSE	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	307-55-1	
PFDoS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	79780-39-5	
PFDS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	335-77-3	
Perfluoroheptanoic acid	0.044J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-85-9	
PFHpS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-92-8	
Perfluorohexanoic acid (S)	0.062J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	307-24-4	
Perfluorohexanesulfonic acid	0.042J	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	355-46-4	
Perfluorononanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-95-1	
PFNS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	68259-12-1	
Perfluorooctanoic acid	0.243J	ug/kg	1.15	0.092	1	06/16/22 11:28	06/20/22 19:26	335-67-1	
Perfluorooctanesulfonic acid	0.978J	ug/kg	1.15	0.057	1	06/16/22 11:28	06/20/22 19:26	1763-23-1	
Perfluoropentanoic acid	0.061J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2706-90-3	
PFPeS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	376-06-7	
Perfluorotridecanoic acid	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	43	%	50-150		1	06/16/22 11:28	06/20/22 19:26	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	43	%	50-150		1	06/16/22 11:28	06/20/22 19:26	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2355-31-9-EI	
d5-NEtFOSAA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2991-50-6-EI	
d7-NMeFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:26	24448-09-7-	
d9-NEtFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:26	1691-99-2-EI	
M2 4:2 FTS	112	%	50-150		1	06/16/22 11:28	06/20/22 19:26	757124-72-4	
M2 6:2 FTS	93	%	50-150		1	06/16/22 11:28	06/20/22 19:26	27619-97-2-	
M2 8:2 FTS	98	%	50-150		1	06/16/22 11:28	06/20/22 19:26	39108-34-4-	
M2PFHxDA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	67905-19-5-	
M2PFTeDA	94	%	50-150		1	06/16/22 11:28	06/20/22 19:26	376-06-7-EI	
M3HFPODA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:26	13252-13-6-	
M3PFBS	79	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-73-5-EI	
M3PFHxS	77	%	50-150		1	06/16/22 11:28	06/20/22 19:26	355-46-4-EI	
M4PFHpA	74	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-85-9-EI	
M5PFHxA	76	%	50-150		1	06/16/22 11:28	06/20/22 19:26	307-24-4-EI	
M5PFPeA	74	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2706-90-3-EI	
M6PFDA	87	%	50-150		1	06/16/22 11:28	06/20/22 19:26	335-76-2-EI	
M7PFUdA	87	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 19:26	754-91-6-EI	
M8PFOA	83	%	50-150		1	06/16/22 11:28	06/20/22 19:26	335-67-1-EI	
M8PFOS	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	1763-23-1-EI	
M9PFNA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-22-4-EI	
MPFDoA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:26	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **18.6**      %      0.10      0.10      1      06/20/22 15:21

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>650</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;17.7</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>222</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>95.0</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11096-82-5	
PCB, Total	<b>967</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/15/22 14:55	06/16/22 12:44	877-09-8	
Decachlorobiphenyl (S)	60	%	38-95		1	06/15/22 14:55	06/16/22 12:44	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>9.6</b>	mg/kg	2.7	1.6	1	06/14/22 06:44	06/14/22 15:06	7440-38-2	
Barium	<b>182</b>	mg/kg	0.54	0.16	1	06/14/22 06:44	06/14/22 15:06	7440-39-3	
Cadmium	<b>0.36J</b>	mg/kg	0.54	0.14	1	06/14/22 06:44	06/14/22 15:06	7440-43-9	
Chromium	<b>23.8</b>	mg/kg	1.1	0.30	1	06/14/22 06:44	06/14/22 15:06	7440-47-3	
Lead	<b>31.7</b>	mg/kg	2.2	0.65	1	06/14/22 06:44	06/14/22 15:06	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.3	1.4	1	06/14/22 06:44	06/14/22 15:06	7782-49-2	
Silver	<b>&lt;0.33</b>	mg/kg	1.1	0.33	1	06/14/22 06:44	06/14/22 15:06	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>&lt;0.0083</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:10	7440-38-2	
Barium	<b>0.60</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:10	7440-39-3	
Cadmium	<b>&lt;0.0013</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:10	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:10	7440-47-3	
Copper	<b>0.0044J</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:10	7440-50-8	
Lead	<b>&lt;0.0059</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:10	7439-92-1	
Nickel	<b>0.023</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:10	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:10	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:10	7440-22-4	
Zinc	<b>0.049</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:10	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:58	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.17</b>	mg/kg	0.038	0.011	1	06/21/22 09:10	06/22/22 10:53	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<276	ug/kg	778	276	4	06/21/22 12:40	06/23/22 20:21	83-32-9	
Acenaphthylene	<277	ug/kg	778	277	4	06/21/22 12:40	06/23/22 20:21	208-96-8	
Anthracene	138J	ug/kg	778	124	4	06/21/22 12:40	06/23/22 20:21	120-12-7	
Benzo(a)anthracene	399J	ug/kg	778	120	4	06/21/22 12:40	06/23/22 20:21	56-55-3	
Benzo(a)pyrene	403J	ug/kg	778	117	4	06/21/22 12:40	06/23/22 20:21	50-32-8	
Benzo(b)fluoranthene	500J	ug/kg	778	134	4	06/21/22 12:40	06/23/22 20:21	205-99-2	
Benzo(g,h,i)perylene	270J	ug/kg	778	203	4	06/21/22 12:40	06/23/22 20:21	191-24-2	
Benzo(k)fluoranthene	188J	ug/kg	778	186	4	06/21/22 12:40	06/23/22 20:21	207-08-9	
4-Bromophenylphenyl ether	<163	ug/kg	778	163	4	06/21/22 12:40	06/23/22 20:21	101-55-3	
Butylbenzylphthalate	<324	ug/kg	778	324	4	06/21/22 12:40	06/23/22 20:21	85-68-7	
Carbazole	<122	ug/kg	778	122	4	06/21/22 12:40	06/23/22 20:21	86-74-8	
4-Chloro-3-methylphenol	<242	ug/kg	778	242	4	06/21/22 12:40	06/23/22 20:21	59-50-7	
4-Chloroaniline	<128	ug/kg	778	128	4	06/21/22 12:40	06/23/22 20:21	106-47-8	4q
bis(2-Chloroethoxy)methane	<209	ug/kg	778	209	4	06/21/22 12:40	06/23/22 20:21	111-91-1	
bis(2-Chloroethyl) ether	<243	ug/kg	778	243	4	06/21/22 12:40	06/23/22 20:21	111-44-4	L2
2-Chloronaphthalene	<99.9	ug/kg	778	99.9	4	06/21/22 12:40	06/23/22 20:21	91-58-7	
2-Chlorophenol	<194	ug/kg	778	194	4	06/21/22 12:40	06/23/22 20:21	95-57-8	
4-Chlorophenylphenyl ether	<145	ug/kg	778	145	4	06/21/22 12:40	06/23/22 20:21	7005-72-3	
Chrysene	412J	ug/kg	778	116	4	06/21/22 12:40	06/23/22 20:21	218-01-9	
Dibenz(a,h)anthracene	<211	ug/kg	778	211	4	06/21/22 12:40	06/23/22 20:21	53-70-3	
Dibenzofuran	<94.2	ug/kg	778	94.2	4	06/21/22 12:40	06/23/22 20:21	132-64-9	
1,2-Dichlorobenzene	<245	ug/kg	778	245	4	06/21/22 12:40	06/23/22 20:21	95-50-1	
1,3-Dichlorobenzene	<108	ug/kg	778	108	4	06/21/22 12:40	06/23/22 20:21	541-73-1	
1,4-Dichlorobenzene	<108	ug/kg	778	108	4	06/21/22 12:40	06/23/22 20:21	106-46-7	
3,3'-Dichlorobenzidine	<211	ug/kg	778	211	4	06/21/22 12:40	06/23/22 20:21	91-94-1	
2,4-Dichlorophenol	<208	ug/kg	778	208	4	06/21/22 12:40	06/23/22 20:21	120-83-2	
Diethylphthalate	<129	ug/kg	778	129	4	06/21/22 12:40	06/23/22 20:21	84-66-2	
2,4-Dimethylphenol	<154	ug/kg	778	154	4	06/21/22 12:40	06/23/22 20:21	105-67-9	
Dimethylphthalate	<101	ug/kg	778	101	4	06/21/22 12:40	06/23/22 20:21	131-11-3	
Di-n-butylphthalate	<116	ug/kg	778	116	4	06/21/22 12:40	06/23/22 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	<240	ug/kg	778	240	4	06/21/22 12:40	06/23/22 20:21	534-52-1	
2,4-Dinitrophenol	<611	ug/kg	1540	611	4	06/21/22 12:40	06/23/22 20:21	51-28-5	
2,4-Dinitrotoluene	<111	ug/kg	778	111	4	06/21/22 12:40	06/23/22 20:21	121-14-2	
2,6-Dinitrotoluene	<148	ug/kg	778	148	4	06/21/22 12:40	06/23/22 20:21	606-20-2	
Di-n-octylphthalate	<175	ug/kg	778	175	4	06/21/22 12:40	06/23/22 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	715J	ug/kg	778	265	4	06/21/22 12:40	06/23/22 20:21	117-81-7	
Fluoranthene	942	ug/kg	778	110	4	06/21/22 12:40	06/23/22 20:21	206-44-0	
Fluorene	114J	ug/kg	778	90.9	4	06/21/22 12:40	06/23/22 20:21	86-73-7	
Hexachloro-1,3-butadiene	<198	ug/kg	778	198	4	06/21/22 12:40	06/23/22 20:21	87-68-3	
Hexachlorobenzene	<131	ug/kg	778	131	4	06/21/22 12:40	06/23/22 20:21	118-74-1	
Hexachlorocyclopentadiene	<184	ug/kg	778	184	4	06/21/22 12:40	06/23/22 20:21	77-47-4	
Hexachloroethane	<124	ug/kg	778	124	4	06/21/22 12:40	06/23/22 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	298J	ug/kg	778	168	4	06/21/22 12:40	06/23/22 20:21	193-39-5	
Isophorone	<120	ug/kg	778	120	4	06/21/22 12:40	06/23/22 20:21	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE** Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

2-Methylnaphthalene	<b>360J</b>	ug/kg	778	202	4	06/21/22 12:40	06/23/22 20:21	91-57-6	
2-Methylphenol(o-Cresol)	<b>&lt;141</b>	ug/kg	778	141	4	06/21/22 12:40	06/23/22 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	<b>&lt;143</b>	ug/kg	778	143	4	06/21/22 12:40	06/23/22 20:21		
Naphthalene	<b>&lt;272</b>	ug/kg	778	272	4	06/21/22 12:40	06/23/22 20:21	91-20-3	
2-Nitroaniline	<b>&lt;222</b>	ug/kg	778	222	4	06/21/22 12:40	06/23/22 20:21	88-74-4	
3-Nitroaniline	<b>&lt;132</b>	ug/kg	778	132	4	06/21/22 12:40	06/23/22 20:21	99-09-2	
4-Nitroaniline	<b>&lt;323</b>	ug/kg	778	323	4	06/21/22 12:40	06/23/22 20:21	100-01-6	
Nitrobenzene	<b>&lt;158</b>	ug/kg	778	158	4	06/21/22 12:40	06/23/22 20:21	98-95-3	
2-Nitrophenol	<b>&lt;245</b>	ug/kg	778	245	4	06/21/22 12:40	06/23/22 20:21	88-75-5	
4-Nitrophenol	<b>&lt;196</b>	ug/kg	778	196	4	06/21/22 12:40	06/23/22 20:21	100-02-7	
N-Nitroso-di-n-propylamine	<b>&lt;123</b>	ug/kg	778	123	4	06/21/22 12:40	06/23/22 20:21	621-64-7	
N-Nitrosodiphenylamine	<b>&lt;205</b>	ug/kg	778	205	4	06/21/22 12:40	06/23/22 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	<b>&lt;201</b>	ug/kg	778	201	4	06/21/22 12:40	06/23/22 20:21	108-60-1	
Pentachlorophenol	<b>&lt;171</b>	ug/kg	778	171	4	06/21/22 12:40	06/23/22 20:21	87-86-5	
Phenanthrene	<b>663J</b>	ug/kg	778	99.8	4	06/21/22 12:40	06/23/22 20:21	85-01-8	
Phenol	<b>&lt;185</b>	ug/kg	778	185	4	06/21/22 12:40	06/23/22 20:21	108-95-2	D3
Pyrene	<b>784</b>	ug/kg	778	172	4	06/21/22 12:40	06/23/22 20:21	129-00-0	
1,2,4-Trichlorobenzene	<b>&lt;87.9</b>	ug/kg	778	87.9	4	06/21/22 12:40	06/23/22 20:21	120-82-1	
2,4,5-Trichlorophenol	<b>&lt;137</b>	ug/kg	778	137	4	06/21/22 12:40	06/23/22 20:21	95-95-4	
2,4,6-Trichlorophenol	<b>&lt;119</b>	ug/kg	778	119	4	06/21/22 12:40	06/23/22 20:21	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	10-125		4	06/21/22 12:40	06/23/22 20:21	4165-60-0	
2-Fluorobiphenyl (S)	68	%	12-118		4	06/21/22 12:40	06/23/22 20:21	321-60-8	
Terphenyl-d14 (S)	71	%	10-124		4	06/21/22 12:40	06/23/22 20:21	1718-51-0	
Phenol-d6 (S)	47	%	10-125		4	06/21/22 12:40	06/23/22 20:21	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		4	06/21/22 12:40	06/23/22 20:21	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		4	06/21/22 12:40	06/23/22 20:21	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<b>&lt;15.9</b>	ug/kg	66.4	15.9	1	06/15/22 08:30	06/16/22 21:03	630-20-6	
1,1,1-Trichloroethane	<b>53.3J</b>	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;24.0</b>	ug/kg	66.4	24.0	1	06/15/22 08:30	06/16/22 21:03	79-34-5	
1,1,2-Trichloroethane	<b>&lt;24.2</b>	ug/kg	66.4	24.2	1	06/15/22 08:30	06/16/22 21:03	79-00-5	
1,1-Dichloroethane	<b>115</b>	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	75-34-3	
1,1-Dichloroethene	<b>&lt;22.0</b>	ug/kg	66.4	22.0	1	06/15/22 08:30	06/16/22 21:03	75-35-4	
1,1-Dichloropropene	<b>&lt;21.5</b>	ug/kg	66.4	21.5	1	06/15/22 08:30	06/16/22 21:03	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;73.9</b>	ug/kg	332	73.9	1	06/15/22 08:30	06/16/22 21:03	87-61-6	
1,2,3-Trichloropropane	<b>&lt;32.3</b>	ug/kg	66.4	32.3	1	06/15/22 08:30	06/16/22 21:03	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;54.7</b>	ug/kg	332	54.7	1	06/15/22 08:30	06/16/22 21:03	120-82-1	
1,2,4-Trimethylbenzene	<b>36.8J</b>	ug/kg	66.4	19.8	1	06/15/22 08:30	06/16/22 21:03	95-63-6	
1,2-Dibromo-3-chloropropane	<b>&lt;51.5</b>	ug/kg	332	51.5	1	06/15/22 08:30	06/16/22 21:03	96-12-8	
1,2-Dibromoethane (EDB)	<b>&lt;18.2</b>	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	106-93-4	
1,2-Dichlorobenzene	<b>&lt;20.6</b>	ug/kg	66.4	20.6	1	06/15/22 08:30	06/16/22 21:03	95-50-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.3	ug/kg	66.4	15.3	1	06/15/22 08:30	06/16/22 21:03	107-06-2	
1,2-Dichloropropane	<15.8	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	78-87-5	
1,3,5-Trimethylbenzene	<21.4	ug/kg	66.4	21.4	1	06/15/22 08:30	06/16/22 21:03	108-67-8	
1,3-Dichlorobenzene	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	541-73-1	
1,3-Dichloropropane	<14.5	ug/kg	66.4	14.5	1	06/15/22 08:30	06/16/22 21:03	142-28-9	
1,4-Dichlorobenzene	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	106-46-7	
2,2-Dichloropropane	<17.9	ug/kg	66.4	17.9	1	06/15/22 08:30	06/16/22 21:03	594-20-7	
2-Chlorotoluene	<21.5	ug/kg	66.4	21.5	1	06/15/22 08:30	06/16/22 21:03	95-49-8	
4-Chlorotoluene	<25.2	ug/kg	66.4	25.2	1	06/15/22 08:30	06/16/22 21:03	106-43-4	
Benzene	<15.8	ug/kg	26.6	15.8	1	06/15/22 08:30	06/16/22 21:03	71-43-2	
Bromobenzene	<25.9	ug/kg	66.4	25.9	1	06/15/22 08:30	06/16/22 21:03	108-86-1	
Bromochloromethane	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	74-97-5	
Bromodichloromethane	<15.8	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	75-27-4	
Bromoform	<292	ug/kg	332	292	1	06/15/22 08:30	06/16/22 21:03	75-25-2	
Bromomethane	<93.1	ug/kg	332	93.1	1	06/15/22 08:30	06/16/22 21:03	74-83-9	
Carbon tetrachloride	<14.6	ug/kg	66.4	14.6	1	06/15/22 08:30	06/16/22 21:03	56-23-5	
Chlorobenzene	<8.0	ug/kg	66.4	8.0	1	06/15/22 08:30	06/16/22 21:03	108-90-7	
Chloroethane	<28.0	ug/kg	332	28.0	1	06/15/22 08:30	06/16/22 21:03	75-00-3	
Chloroform	<47.5	ug/kg	332	47.5	1	06/15/22 08:30	06/16/22 21:03	67-66-3	
Chloromethane	<25.2	ug/kg	66.4	25.2	1	06/15/22 08:30	06/16/22 21:03	74-87-3	
Dibromochloromethane	<227	ug/kg	332	227	1	06/15/22 08:30	06/16/22 21:03	124-48-1	
Dibromomethane	<19.6	ug/kg	66.4	19.6	1	06/15/22 08:30	06/16/22 21:03	74-95-3	
Dichlorodifluoromethane	<28.5	ug/kg	66.4	28.5	1	06/15/22 08:30	06/16/22 21:03	75-71-8	
Diisopropyl ether	<16.5	ug/kg	66.4	16.5	1	06/15/22 08:30	06/16/22 21:03	108-20-3	
Ethylbenzene	36.5J	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	100-41-4	
Hexachloro-1,3-butadiene	<132	ug/kg	332	132	1	06/15/22 08:30	06/16/22 21:03	87-68-3	
Isopropylbenzene (Cumene)	20.5J	ug/kg	66.4	17.9	1	06/15/22 08:30	06/16/22 21:03	98-82-8	
Methyl-tert-butyl ether	<19.5	ug/kg	66.4	19.5	1	06/15/22 08:30	06/16/22 21:03	1634-04-4	
Methylene Chloride	<18.5	ug/kg	66.4	18.5	1	06/15/22 08:30	06/16/22 21:03	75-09-2	
Naphthalene	145J	ug/kg	332	20.7	1	06/15/22 08:30	06/16/22 21:03	91-20-3	
Styrene	<17.0	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	100-42-5	
Tetrachloroethene	36.2J	ug/kg	66.4	25.8	1	06/15/22 08:30	06/16/22 21:03	127-18-4	
Toluene	70.9	ug/kg	66.4	16.7	1	06/15/22 08:30	06/16/22 21:03	108-88-3	
Trichloroethene	<24.8	ug/kg	66.4	24.8	1	06/15/22 08:30	06/16/22 21:03	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.4	19.2	1	06/15/22 08:30	06/16/22 21:03	75-69-4	
Vinyl chloride	<13.4	ug/kg	66.4	13.4	1	06/15/22 08:30	06/16/22 21:03	75-01-4	
cis-1,2-Dichloroethene	<14.2	ug/kg	66.4	14.2	1	06/15/22 08:30	06/16/22 21:03	156-59-2	
cis-1,3-Dichloropropene	<43.8	ug/kg	332	43.8	1	06/15/22 08:30	06/16/22 21:03	10061-01-5	
m&p-Xylene	77.0J	ug/kg	133	28.0	1	06/15/22 08:30	06/16/22 21:03	179601-23-1	
n-Butylbenzene	<30.4	ug/kg	66.4	30.4	1	06/15/22 08:30	06/16/22 21:03	104-51-8	
n-Propylbenzene	28.1J	ug/kg	66.4	15.9	1	06/15/22 08:30	06/16/22 21:03	103-65-1	
o-Xylene	23.0J	ug/kg	66.4	19.9	1	06/15/22 08:30	06/16/22 21:03	95-47-6	
p-Isopropyltoluene	<20.2	ug/kg	66.4	20.2	1	06/15/22 08:30	06/16/22 21:03	99-87-6	
sec-Butylbenzene	55.1J	ug/kg	66.4	16.2	1	06/15/22 08:30	06/16/22 21:03	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<20.8	ug/kg	66.4	20.8	1	06/15/22 08:30	06/16/22 21:03	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.4	14.3	1	06/15/22 08:30	06/16/22 21:03	156-60-5	
trans-1,3-Dichloropropene	<190	ug/kg	332	190	1	06/15/22 08:30	06/16/22 21:03	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	141	%	69-153		1	06/15/22 08:30	06/16/22 21:03	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	06/15/22 08:30	06/16/22 21:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	71-161		1	06/15/22 08:30	06/16/22 21:03	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.052	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 19:40	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.062	ug/kg	1.04	0.062	1	06/16/22 11:28	06/20/22 19:40	27619-97-2	
8:2 FTS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	39108-34-4	
9Cl-PF3ONS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	756426-58-1	
11Cl-PF3OUdS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	763051-92-9	
ADONA	<0.010	ug/kg	1.04	0.010	1	06/16/22 11:28	06/20/22 19:40	919005-14-4	
Perfluorooctanesulfonamide	0.043J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	754-91-6	
HFPO-DA	<0.146	ug/kg	2.08	0.146	1	06/16/22 11:28	06/20/22 19:40	13252-13-6	
NEtFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	4151-50-2	
NEtFOSAA	0.923J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	2991-50-6	
NEtFOSE	0.094J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	1691-99-2	
NMeFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	31506-32-8	
NMeFOSAA	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2355-31-9	
NMeFOSE	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	24448-09-7	
Perfluorobutanoic acid	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	375-22-4	
Perfluorobutanesulfonic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-73-5	
Perfluorodecanoic acid (S)	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	335-76-2	
Perfluorododecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	307-55-1	
PFDoS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	79780-39-5	
PFDS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	335-77-3	
Perfluoroheptanoic acid	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-85-9	
PFHpS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-92-8	
Perfluorohexanoic acid (S)	0.031J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	307-24-4	
Perfluorohexanesulfonic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	355-46-4	
Perfluorononanoic acid	0.021J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-95-1	
PFNS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	68259-12-1	
Perfluorooctanoic acid	0.154J	ug/kg	1.04	0.083	1	06/16/22 11:28	06/20/22 19:40	335-67-1	
Perfluorooctanesulfonic acid	1.07	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 19:40	1763-23-1	
Perfluoropentanoic acid	0.026J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2706-90-3	
PFPeS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2706-91-4	
Perfluorotetradecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	376-06-7	
Perfluorotridecanoic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	72629-94-8	
Perfluoroundecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	39	%	50-150		1	06/16/22 11:28	06/20/22 19:40	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	38	%	50-150		1	06/16/22 11:28	06/20/22 19:40	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2355-31-9-EI	
d5-NEtFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2991-50-6-EI	
d7-NMeFOSE	56	%	50-150		1	06/16/22 11:28	06/20/22 19:40	24448-09-7-	
d9-NEtFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:40	1691-99-2-EI	
M2 4:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 19:40	757124-72-4	
M2 6:2 FTS	92	%	50-150		1	06/16/22 11:28	06/20/22 19:40	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 19:40	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 19:40	67905-19-5-	
M2PFTeDA	96	%	50-150		1	06/16/22 11:28	06/20/22 19:40	376-06-7-EI	
M3HFPODA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:40	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-73-5-EI	
M3PFHxS	83	%	50-150		1	06/16/22 11:28	06/20/22 19:40	355-46-4-EI	
M4PFHpA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-85-9-EI	
M5PFHxA	80	%	50-150		1	06/16/22 11:28	06/20/22 19:40	307-24-4-EI	
M5PFPeA	79	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2706-90-3-EI	
M6PFDA	92	%	50-150		1	06/16/22 11:28	06/20/22 19:40	335-76-2-EI	
M7PFUdA	90	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 19:40	754-91-6-EI	
M8PFOA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:40	335-67-1-EI	
M8PFOS	86	%	50-150		1	06/16/22 11:28	06/20/22 19:40	1763-23-1-EI	
M9PFNA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-95-1-EI	
MPFBA	75	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-22-4-EI	
MPFDoA	90	%	50-150		1	06/16/22 11:28	06/20/22 19:40	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **14.1**      %      0.10      0.10      1      06/20/22 15:21

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	12674-11-2	
PCB-1221 (Aroclor 1221)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11104-28-2	
PCB-1232 (Aroclor 1232)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>1560</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>&lt;35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>235</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11096-82-5	
PCB, Total	<b>1790</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	64	%	50-99		2	06/15/22 14:55	06/17/22 13:00	877-09-8	
Decachlorobiphenyl (S)	55	%	38-95		2	06/15/22 14:55	06/17/22 13:00	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>6.1</b>	mg/kg	2.9	1.7	1	06/14/22 06:44	06/14/22 15:08	7440-38-2	
Barium	<b>120</b>	mg/kg	0.57	0.17	1	06/14/22 06:44	06/14/22 15:08	7440-39-3	
Cadmium	<b>0.34J</b>	mg/kg	0.57	0.15	1	06/14/22 06:44	06/14/22 15:08	7440-43-9	
Chromium	<b>19.9</b>	mg/kg	1.1	0.32	1	06/14/22 06:44	06/14/22 15:08	7440-47-3	
Lead	<b>31.0</b>	mg/kg	2.3	0.68	1	06/14/22 06:44	06/14/22 15:08	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.6	1.5	1	06/14/22 06:44	06/14/22 15:08	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.1	0.35	1	06/14/22 06:44	06/14/22 15:08	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.018J</b>	mg/L	0.050	0.017	2	06/30/22 09:42	07/07/22 13:03	7440-38-2	3q,D3
Barium	<b>0.68</b>	mg/L	0.010	0.0030	2	06/30/22 09:42	07/07/22 13:03	7440-39-3	
Cadmium	<b>0.0045J</b>	mg/L	0.010	0.0027	2	06/30/22 09:42	07/07/22 13:03	7440-43-9	D3
Chromium	<b>&lt;0.0051</b>	mg/L	0.020	0.0051	2	06/30/22 09:42	07/07/22 13:03	7440-47-3	D3
Copper	<b>0.021</b>	mg/L	0.020	0.0067	2	06/30/22 09:42	07/07/22 13:03	7440-50-8	
Lead	<b>&lt;0.012</b>	mg/L	0.040	0.012	2	06/30/22 09:42	07/07/22 13:03	7439-92-1	D3
Nickel	<b>0.045</b>	mg/L	0.020	0.0052	2	06/30/22 09:42	07/07/22 13:03	7440-02-0	
Selenium	<b>&lt;0.024</b>	mg/L	0.080	0.024	2	06/30/22 09:42	07/07/22 13:03	7782-49-2	D3
Silver	<b>&lt;0.0064</b>	mg/L	0.020	0.0064	2	06/30/22 09:42	07/07/22 13:03	7440-22-4	D3
Zinc	<b>0.23</b>	mg/L	0.080	0.023	2	06/30/22 09:42	07/07/22 13:03	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 07:00	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.18</b>	mg/kg	0.038	0.011	1	06/21/22 09:10	06/22/22 10:55	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<688	ug/kg	1940	688	10	06/23/22 12:21	06/24/22 19:39	83-32-9	
Acenaphthylene	<692	ug/kg	1940	692	10	06/23/22 12:21	06/24/22 19:39	208-96-8	
Anthracene	871J	ug/kg	1940	310	10	06/23/22 12:21	06/24/22 19:39	120-12-7	
Benzo(a)anthracene	2260	ug/kg	1940	300	10	06/23/22 12:21	06/24/22 19:39	56-55-3	
Benzo(a)pyrene	1900J	ug/kg	1940	292	10	06/23/22 12:21	06/24/22 19:39	50-32-8	M1
Benzo(b)fluoranthene	2420	ug/kg	1940	333	10	06/23/22 12:21	06/24/22 19:39	205-99-2	M1
Benzo(g,h,i)perylene	1450J	ug/kg	1940	507	10	06/23/22 12:21	06/24/22 19:39	191-24-2	
Benzo(k)fluoranthene	952J	ug/kg	1940	464	10	06/23/22 12:21	06/24/22 19:39	207-08-9	
4-Bromophenylphenyl ether	<406	ug/kg	1940	406	10	06/23/22 12:21	06/24/22 19:39	101-55-3	
Butylbenzylphthalate	<807	ug/kg	1940	807	10	06/23/22 12:21	06/24/22 19:39	85-68-7	
Carbazole	504J	ug/kg	1940	304	10	06/23/22 12:21	06/24/22 19:39	86-74-8	
4-Chloro-3-methylphenol	<603	ug/kg	1940	603	10	06/23/22 12:21	06/24/22 19:39	59-50-7	
4-Chloroaniline	<319	ug/kg	1940	319	10	06/23/22 12:21	06/24/22 19:39	106-47-8	4q
bis(2-Chloroethoxy)methane	<522	ug/kg	1940	522	10	06/23/22 12:21	06/24/22 19:39	111-91-1	
bis(2-Chloroethyl) ether	<605	ug/kg	1940	605	10	06/23/22 12:21	06/24/22 19:39	111-44-4	
2-Chloronaphthalene	<249	ug/kg	1940	249	10	06/23/22 12:21	06/24/22 19:39	91-58-7	
2-Chlorophenol	<484	ug/kg	1940	484	10	06/23/22 12:21	06/24/22 19:39	95-57-8	
4-Chlorophenylphenyl ether	<361	ug/kg	1940	361	10	06/23/22 12:21	06/24/22 19:39	7005-72-3	
Chrysene	2350	ug/kg	1940	290	10	06/23/22 12:21	06/24/22 19:39	218-01-9	M1
Dibenz(a,h)anthracene	<527	ug/kg	1940	527	10	06/23/22 12:21	06/24/22 19:39	53-70-3	
Dibenzofuran	268J	ug/kg	1940	235	10	06/23/22 12:21	06/24/22 19:39	132-64-9	
1,2-Dichlorobenzene	<610	ug/kg	1940	610	10	06/23/22 12:21	06/24/22 19:39	95-50-1	
1,3-Dichlorobenzene	<268	ug/kg	1940	268	10	06/23/22 12:21	06/24/22 19:39	541-73-1	
1,4-Dichlorobenzene	<270	ug/kg	1940	270	10	06/23/22 12:21	06/24/22 19:39	106-46-7	
3,3'-Dichlorobenzidine	<526	ug/kg	1940	526	10	06/23/22 12:21	06/24/22 19:39	91-94-1	CU
2,4-Dichlorophenol	<518	ug/kg	1940	518	10	06/23/22 12:21	06/24/22 19:39	120-83-2	
Diethylphthalate	<321	ug/kg	1940	321	10	06/23/22 12:21	06/24/22 19:39	84-66-2	
2,4-Dimethylphenol	<383	ug/kg	1940	383	10	06/23/22 12:21	06/24/22 19:39	105-67-9	
Dimethylphthalate	<252	ug/kg	1940	252	10	06/23/22 12:21	06/24/22 19:39	131-11-3	
Di-n-butylphthalate	<290	ug/kg	1940	290	10	06/23/22 12:21	06/24/22 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	<598	ug/kg	1940	598	10	06/23/22 12:21	06/24/22 19:39	534-52-1	M1
2,4-Dinitrophenol	<1520	ug/kg	3830	1520	10	06/23/22 12:21	06/24/22 19:39	51-28-5	M1
2,4-Dinitrotoluene	<277	ug/kg	1940	277	10	06/23/22 12:21	06/24/22 19:39	121-14-2	
2,6-Dinitrotoluene	<368	ug/kg	1940	368	10	06/23/22 12:21	06/24/22 19:39	606-20-2	
Di-n-octylphthalate	<436	ug/kg	1940	436	10	06/23/22 12:21	06/24/22 19:39	117-84-0	M1
bis(2-Ethylhexyl)phthalate	<662	ug/kg	1940	662	10	06/23/22 12:21	06/24/22 19:39	117-81-7	M1
Fluoranthene	5670	ug/kg	1940	274	10	06/23/22 12:21	06/24/22 19:39	206-44-0	M1
Fluorene	455J	ug/kg	1940	227	10	06/23/22 12:21	06/24/22 19:39	86-73-7	
Hexachloro-1,3-butadiene	<494	ug/kg	1940	494	10	06/23/22 12:21	06/24/22 19:39	87-68-3	
Hexachlorobenzene	<326	ug/kg	1940	326	10	06/23/22 12:21	06/24/22 19:39	118-74-1	
Hexachlorocyclopentadiene	<459	ug/kg	1940	459	10	06/23/22 12:21	06/24/22 19:39	77-47-4	M1
Hexachloroethane	<310	ug/kg	1940	310	10	06/23/22 12:21	06/24/22 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	1500J	ug/kg	1940	419	10	06/23/22 12:21	06/24/22 19:39	193-39-5	M1
Isophorone	<298	ug/kg	1940	298	10	06/23/22 12:21	06/24/22 19:39	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<b>563J</b>	ug/kg	1940	503	10	06/23/22 12:21	06/24/22 19:39	91-57-6	
2-Methylphenol(o-Cresol)	<b>&lt;352</b>	ug/kg	1940	352	10	06/23/22 12:21	06/24/22 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<b>&lt;355</b>	ug/kg	1940	355	10	06/23/22 12:21	06/24/22 19:39		
Naphthalene	<b>&lt;678</b>	ug/kg	1940	678	10	06/23/22 12:21	06/24/22 19:39	91-20-3	
2-Nitroaniline	<b>&lt;552</b>	ug/kg	1940	552	10	06/23/22 12:21	06/24/22 19:39	88-74-4	
3-Nitroaniline	<b>&lt;330</b>	ug/kg	1940	330	10	06/23/22 12:21	06/24/22 19:39	99-09-2	
4-Nitroaniline	<b>&lt;805</b>	ug/kg	1940	805	10	06/23/22 12:21	06/24/22 19:39	100-01-6	
Nitrobenzene	<b>&lt;393</b>	ug/kg	1940	393	10	06/23/22 12:21	06/24/22 19:39	98-95-3	
2-Nitrophenol	<b>&lt;612</b>	ug/kg	1940	612	10	06/23/22 12:21	06/24/22 19:39	88-75-5	
4-Nitrophenol	<b>&lt;488</b>	ug/kg	1940	488	10	06/23/22 12:21	06/24/22 19:39	100-02-7	M1
N-Nitroso-di-n-propylamine	<b>&lt;307</b>	ug/kg	1940	307	10	06/23/22 12:21	06/24/22 19:39	621-64-7	
N-Nitrosodiphenylamine	<b>&lt;511</b>	ug/kg	1940	511	10	06/23/22 12:21	06/24/22 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	<b>&lt;500</b>	ug/kg	1940	500	10	06/23/22 12:21	06/24/22 19:39	108-60-1	
Pentachlorophenol	<b>&lt;427</b>	ug/kg	1940	427	10	06/23/22 12:21	06/24/22 19:39	87-86-5	
Phenanthrene	<b>3780</b>	ug/kg	1940	249	10	06/23/22 12:21	06/24/22 19:39	85-01-8	M1
Phenol	<b>&lt;460</b>	ug/kg	1940	460	10	06/23/22 12:21	06/24/22 19:39	108-95-2	D3
Pyrene	<b>4210</b>	ug/kg	1940	430	10	06/23/22 12:21	06/24/22 19:39	129-00-0	M1
1,2,4-Trichlorobenzene	<b>&lt;219</b>	ug/kg	1940	219	10	06/23/22 12:21	06/24/22 19:39	120-82-1	
2,4,5-Trichlorophenol	<b>&lt;342</b>	ug/kg	1940	342	10	06/23/22 12:21	06/24/22 19:39	95-95-4	
2,4,6-Trichlorophenol	<b>&lt;296</b>	ug/kg	1940	296	10	06/23/22 12:21	06/24/22 19:39	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	10-125		10	06/23/22 12:21	06/24/22 19:39	4165-60-0	
2-Fluorobiphenyl (S)	57	%	12-118		10	06/23/22 12:21	06/24/22 19:39	321-60-8	
Terphenyl-d14 (S)	63	%	10-124		10	06/23/22 12:21	06/24/22 19:39	1718-51-0	
Phenol-d6 (S)	44	%	10-125		10	06/23/22 12:21	06/24/22 19:39	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		10	06/23/22 12:21	06/24/22 19:39	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		10	06/23/22 12:21	06/24/22 19:39	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<b>&lt;15.9</b>	ug/kg	66.1	15.9	1	06/15/22 08:00	06/16/22 06:16	630-20-6	
1,1,1-Trichloroethane	<b>45.4J</b>	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;23.9</b>	ug/kg	66.1	23.9	1	06/15/22 08:00	06/16/22 06:16	79-34-5	
1,1,2-Trichloroethane	<b>&lt;24.1</b>	ug/kg	66.1	24.1	1	06/15/22 08:00	06/16/22 06:16	79-00-5	
1,1-Dichloroethane	<b>34.7J</b>	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	75-34-3	
1,1-Dichloroethene	<b>&lt;22.0</b>	ug/kg	66.1	22.0	1	06/15/22 08:00	06/16/22 06:16	75-35-4	
1,1-Dichloropropene	<b>&lt;21.4</b>	ug/kg	66.1	21.4	1	06/15/22 08:00	06/16/22 06:16	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;73.7</b>	ug/kg	331	73.7	1	06/15/22 08:00	06/16/22 06:16	87-61-6	
1,2,3-Trichloropropane	<b>&lt;32.1</b>	ug/kg	66.1	32.1	1	06/15/22 08:00	06/16/22 06:16	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;54.5</b>	ug/kg	331	54.5	1	06/15/22 08:00	06/16/22 06:16	120-82-1	
1,2,4-Trimethylbenzene	<b>26.2J</b>	ug/kg	66.1	19.7	1	06/15/22 08:00	06/16/22 06:16	95-63-6	
1,2-Dibromo-3-chloropropane	<b>&lt;51.3</b>	ug/kg	331	51.3	1	06/15/22 08:00	06/16/22 06:16	96-12-8	
1,2-Dibromoethane (EDB)	<b>&lt;18.1</b>	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	106-93-4	
1,2-Dichlorobenzene	<b>&lt;20.5</b>	ug/kg	66.1	20.5	1	06/15/22 08:00	06/16/22 06:16	95-50-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.2	ug/kg	66.1	15.2	1	06/15/22 08:00	06/16/22 06:16	107-06-2	
1,2-Dichloropropane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	78-87-5	
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.1	21.3	1	06/15/22 08:00	06/16/22 06:16	108-67-8	
1,3-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	541-73-1	
1,3-Dichloropropane	<14.4	ug/kg	66.1	14.4	1	06/15/22 08:00	06/16/22 06:16	142-28-9	
1,4-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	106-46-7	
2,2-Dichloropropane	<17.9	ug/kg	66.1	17.9	1	06/15/22 08:00	06/16/22 06:16	594-20-7	
2-Chlorotoluene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:00	06/16/22 06:16	95-49-8	
4-Chlorotoluene	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:00	06/16/22 06:16	106-43-4	
Benzene	<15.7	ug/kg	26.5	15.7	1	06/15/22 08:00	06/16/22 06:16	71-43-2	
Bromobenzene	<25.8	ug/kg	66.1	25.8	1	06/15/22 08:00	06/16/22 06:16	108-86-1	
Bromochloromethane	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	74-97-5	
Bromodichloromethane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	75-27-4	
Bromoform	<291	ug/kg	331	291	1	06/15/22 08:00	06/16/22 06:16	75-25-2	
Bromomethane	<92.7	ug/kg	331	92.7	1	06/15/22 08:00	06/16/22 06:16	74-83-9	
Carbon tetrachloride	<14.6	ug/kg	66.1	14.6	1	06/15/22 08:00	06/16/22 06:16	56-23-5	
Chlorobenzene	<7.9	ug/kg	66.1	7.9	1	06/15/22 08:00	06/16/22 06:16	108-90-7	
Chloroethane	<27.9	ug/kg	331	27.9	1	06/15/22 08:00	06/16/22 06:16	75-00-3	
Chloroform	<47.4	ug/kg	331	47.4	1	06/15/22 08:00	06/16/22 06:16	67-66-3	
Chloromethane	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:00	06/16/22 06:16	74-87-3	
Dibromochloromethane	<226	ug/kg	331	226	1	06/15/22 08:00	06/16/22 06:16	124-48-1	
Dibromomethane	<19.6	ug/kg	66.1	19.6	1	06/15/22 08:00	06/16/22 06:16	74-95-3	
Dichlorodifluoromethane	<28.4	ug/kg	66.1	28.4	1	06/15/22 08:00	06/16/22 06:16	75-71-8	
Diisopropyl ether	<16.4	ug/kg	66.1	16.4	1	06/15/22 08:00	06/16/22 06:16	108-20-3	
Ethylbenzene	51.4J	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	100-41-4	
Hexachloro-1,3-butadiene	<132	ug/kg	331	132	1	06/15/22 08:00	06/16/22 06:16	87-68-3	
Isopropylbenzene (Cumene)	<17.9	ug/kg	66.1	17.9	1	06/15/22 08:00	06/16/22 06:16	98-82-8	
Methyl-tert-butyl ether	<19.4	ug/kg	66.1	19.4	1	06/15/22 08:00	06/16/22 06:16	1634-04-4	
Methylene Chloride	<18.4	ug/kg	66.1	18.4	1	06/15/22 08:00	06/16/22 06:16	75-09-2	
Naphthalene	58.6J	ug/kg	331	20.6	1	06/15/22 08:00	06/16/22 06:16	91-20-3	
Styrene	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	100-42-5	
Tetrachloroethene	<25.7	ug/kg	66.1	25.7	1	06/15/22 08:00	06/16/22 06:16	127-18-4	
Toluene	121	ug/kg	66.1	16.7	1	06/15/22 08:00	06/16/22 06:16	108-88-3	
Trichloroethene	<24.7	ug/kg	66.1	24.7	1	06/15/22 08:00	06/16/22 06:16	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.1	19.2	1	06/15/22 08:00	06/16/22 06:16	75-69-4	
Vinyl chloride	<13.4	ug/kg	66.1	13.4	1	06/15/22 08:00	06/16/22 06:16	75-01-4	
cis-1,2-Dichloroethene	<14.2	ug/kg	66.1	14.2	1	06/15/22 08:00	06/16/22 06:16	156-59-2	
cis-1,3-Dichloropropene	<43.7	ug/kg	331	43.7	1	06/15/22 08:00	06/16/22 06:16	10061-01-5	
m&p-Xylene	69.2J	ug/kg	132	27.9	1	06/15/22 08:00	06/16/22 06:16	179601-23-1	
n-Butylbenzene	<30.3	ug/kg	66.1	30.3	1	06/15/22 08:00	06/16/22 06:16	104-51-8	
n-Propylbenzene	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:00	06/16/22 06:16	103-65-1	
o-Xylene	31.7J	ug/kg	66.1	19.8	1	06/15/22 08:00	06/16/22 06:16	95-47-6	
p-Isopropyltoluene	<20.1	ug/kg	66.1	20.1	1	06/15/22 08:00	06/16/22 06:16	99-87-6	
sec-Butylbenzene	<16.1	ug/kg	66.1	16.1	1	06/15/22 08:00	06/16/22 06:16	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.8	ug/kg	66.1	20.8	1	06/15/22 08:00	06/16/22 06:16	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.1	14.3	1	06/15/22 08:00	06/16/22 06:16	156-60-5	
trans-1,3-Dichloropropene	<189	ug/kg	331	189	1	06/15/22 08:00	06/16/22 06:16	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	144	%	69-153		1	06/15/22 08:00	06/16/22 06:16	2037-26-5	
4-Bromofluorobenzene (S)	122	%	68-156		1	06/15/22 08:00	06/16/22 06:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	06/15/22 08:00	06/16/22 06:16	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.059	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 19:55	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.17	0.070	1	06/16/22 11:28	06/20/22 19:55	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	763051-92-9	
ADONA	<0.012	ug/kg	1.17	0.012	1	06/16/22 11:28	06/20/22 19:55	919005-14-4	
Perfluorooctanesulfonamide	0.034J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	754-91-6	
HFPO-DA	<0.164	ug/kg	2.34	0.164	1	06/16/22 11:28	06/20/22 19:55	13252-13-6	
NEtFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	4151-50-2	
NEtFOSAA	2.44	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	2991-50-6	
NEtFOSE	0.063J	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	1691-99-2	
NMeFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	24448-09-7	
Perfluorobutanoic acid	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-73-5	
Perfluorodecanoic acid (S)	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	307-55-1	
PFDoS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	79780-39-5	
PFDS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	335-77-3	
Perfluoroheptanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-85-9	
PFHpS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-92-8	
Perfluorohexanoic acid (S)	0.036J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	355-46-4	
Perfluorononanoic acid	0.028J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-95-1	
PFNS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	68259-12-1	
Perfluorooctanoic acid	0.135J	ug/kg	1.17	0.094	1	06/16/22 11:28	06/20/22 19:55	335-67-1	
Perfluorooctanesulfonic acid	1.17	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 19:55	1763-23-1	
Perfluoropentanoic acid	0.041J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2706-90-3	
PFPeS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	23	%	50-150		1	06/16/22 11:28	06/20/22 19:55	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	23	%	50-150		1	06/16/22 11:28	06/20/22 19:55	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	80	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2355-31-9-EI	
d5-NEtFOSAA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2991-50-6-EI	
d7-NMeFOSE	51	%	50-150		1	06/16/22 11:28	06/20/22 19:55	24448-09-7-	
d9-NEtFOSE	52	%	50-150		1	06/16/22 11:28	06/20/22 19:55	1691-99-2-EI	
M2 4:2 FTS	108	%	50-150		1	06/16/22 11:28	06/20/22 19:55	757124-72-4	
M2 6:2 FTS	107	%	50-150		1	06/16/22 11:28	06/20/22 19:55	27619-97-2-	
M2 8:2 FTS	110	%	50-150		1	06/16/22 11:28	06/20/22 19:55	39108-34-4-	
M2PFHxDA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:55	67905-19-5-	
M2PFTeDA	104	%	50-150		1	06/16/22 11:28	06/20/22 19:55	376-06-7-EI	
M3HFPODA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:55	13252-13-6-	
M3PFBS	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-73-5-EI	
M3PFHxS	87	%	50-150		1	06/16/22 11:28	06/20/22 19:55	355-46-4-EI	
M4PFHpA	81	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-85-9-EI	
M5PFHxA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	307-24-4-EI	
M5PFPeA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2706-90-3-EI	
M6PFDA	98	%	50-150		1	06/16/22 11:28	06/20/22 19:55	335-76-2-EI	
M7PFUdA	97	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2058-94-8-EI	
M8FOSA	61	%	50-150		1	06/16/22 11:28	06/20/22 19:55	754-91-6-EI	
M8PFOA	89	%	50-150		1	06/16/22 11:28	06/20/22 19:55	335-67-1-EI	
M8PFOS	90	%	50-150		1	06/16/22 11:28	06/20/22 19:55	1763-23-1-EI	
M9PFNA	91	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-95-1-EI	
MPFBA	76	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-22-4-EI	
MPFDoA	94	%	50-150		1	06/16/22 11:28	06/20/22 19:55	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>13.9</b>	%	0.10	0.10	1		06/20/22 15:21		
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**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	12674-11-2	
PCB-1221 (Aroclor 1221)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11104-28-2	
PCB-1232 (Aroclor 1232)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>451</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11096-82-5	
PCB, Total	<b>451</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	75	%	50-99		1	06/15/22 14:55	06/17/22 12:39	877-09-8	
Decachlorobiphenyl (S)	66	%	38-95		1	06/15/22 14:55	06/17/22 12:39	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>2.2J</b>	mg/kg	3.3	1.9	1	06/14/22 06:44	06/14/22 15:11	7440-38-2	
Barium	<b>61.5</b>	mg/kg	0.66	0.20	1	06/14/22 06:44	06/14/22 15:11	7440-39-3	
Cadmium	<b>0.34J</b>	mg/kg	0.66	0.17	1	06/14/22 06:44	06/14/22 15:11	7440-43-9	
Chromium	<b>19.9</b>	mg/kg	1.3	0.37	1	06/14/22 06:44	06/14/22 15:11	7440-47-3	
Lead	<b>29.9</b>	mg/kg	2.6	0.79	1	06/14/22 06:44	06/14/22 15:11	7439-92-1	
Selenium	<b>&lt;1.7</b>	mg/kg	5.3	1.7	1	06/14/22 06:44	06/14/22 15:11	7782-49-2	
Silver	<b>&lt;0.40</b>	mg/kg	1.3	0.40	1	06/14/22 06:44	06/14/22 15:11	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.016J</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:15	7440-38-2	3q
Barium	<b>1.7</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:15	7440-39-3	
Cadmium	<b>0.0014J</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:15	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:15	7440-47-3	
Copper	<b>&lt;0.0034</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:15	7440-50-8	
Lead	<b>0.11</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:15	7439-92-1	
Nickel	<b>0.0049J</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:15	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:15	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:15	7440-22-4	
Zinc	<b>0.16</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:15	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 07:03	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.19</b>	mg/kg	0.046	0.013	1	06/21/22 09:10	06/22/22 10:58	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<81.2	ug/kg	229	81.2	1	06/23/22 12:21	06/24/22 14:41	83-32-9	
Acenaphthylene	<81.7	ug/kg	229	81.7	1	06/23/22 12:21	06/24/22 14:41	208-96-8	
Anthracene	<36.6	ug/kg	229	36.6	1	06/23/22 12:21	06/24/22 14:41	120-12-7	
Benzo(a)anthracene	<35.5	ug/kg	229	35.5	1	06/23/22 12:21	06/24/22 14:41	56-55-3	
Benzo(a)pyrene	<34.5	ug/kg	229	34.5	1	06/23/22 12:21	06/24/22 14:41	50-32-8	
Benzo(b)fluoranthene	<39.4	ug/kg	229	39.4	1	06/23/22 12:21	06/24/22 14:41	205-99-2	
Benzo(g,h,i)perylene	<59.9	ug/kg	229	59.9	1	06/23/22 12:21	06/24/22 14:41	191-24-2	
Benzo(k)fluoranthene	<54.8	ug/kg	229	54.8	1	06/23/22 12:21	06/24/22 14:41	207-08-9	
4-Bromophenylphenyl ether	<48.0	ug/kg	229	48.0	1	06/23/22 12:21	06/24/22 14:41	101-55-3	
Butylbenzylphthalate	<95.3	ug/kg	229	95.3	1	06/23/22 12:21	06/24/22 14:41	85-68-7	
Carbazole	<35.9	ug/kg	229	35.9	1	06/23/22 12:21	06/24/22 14:41	86-74-8	
4-Chloro-3-methylphenol	<71.3	ug/kg	229	71.3	1	06/23/22 12:21	06/24/22 14:41	59-50-7	
4-Chloroaniline	<37.6	ug/kg	229	37.6	1	06/23/22 12:21	06/24/22 14:41	106-47-8	4q
bis(2-Chloroethoxy)methane	<61.7	ug/kg	229	61.7	1	06/23/22 12:21	06/24/22 14:41	111-91-1	
bis(2-Chloroethyl) ether	<71.5	ug/kg	229	71.5	1	06/23/22 12:21	06/24/22 14:41	111-44-4	
2-Chloronaphthalene	<29.4	ug/kg	229	29.4	1	06/23/22 12:21	06/24/22 14:41	91-58-7	
2-Chlorophenol	<57.2	ug/kg	229	57.2	1	06/23/22 12:21	06/24/22 14:41	95-57-8	
4-Chlorophenylphenyl ether	<42.7	ug/kg	229	42.7	1	06/23/22 12:21	06/24/22 14:41	7005-72-3	
Chrysene	<34.2	ug/kg	229	34.2	1	06/23/22 12:21	06/24/22 14:41	218-01-9	
Dibenz(a,h)anthracene	<62.2	ug/kg	229	62.2	1	06/23/22 12:21	06/24/22 14:41	53-70-3	
Dibenzofuran	<27.7	ug/kg	229	27.7	1	06/23/22 12:21	06/24/22 14:41	132-64-9	
1,2-Dichlorobenzene	<72.0	ug/kg	229	72.0	1	06/23/22 12:21	06/24/22 14:41	95-50-1	
1,3-Dichlorobenzene	<31.7	ug/kg	229	31.7	1	06/23/22 12:21	06/24/22 14:41	541-73-1	
1,4-Dichlorobenzene	<31.9	ug/kg	229	31.9	1	06/23/22 12:21	06/24/22 14:41	106-46-7	
3,3'-Dichlorobenzidine	<62.1	ug/kg	229	62.1	1	06/23/22 12:21	06/24/22 14:41	91-94-1	CU
2,4-Dichlorophenol	<61.2	ug/kg	229	61.2	1	06/23/22 12:21	06/24/22 14:41	120-83-2	
Diethylphthalate	<38.0	ug/kg	229	38.0	1	06/23/22 12:21	06/24/22 14:41	84-66-2	
2,4-Dimethylphenol	<45.3	ug/kg	229	45.3	1	06/23/22 12:21	06/24/22 14:41	105-67-9	
Dimethylphthalate	<29.8	ug/kg	229	29.8	1	06/23/22 12:21	06/24/22 14:41	131-11-3	
Di-n-butylphthalate	<34.2	ug/kg	229	34.2	1	06/23/22 12:21	06/24/22 14:41	84-74-2	
4,6-Dinitro-2-methylphenol	<70.6	ug/kg	229	70.6	1	06/23/22 12:21	06/24/22 14:41	534-52-1	
2,4-Dinitrophenol	<180	ug/kg	453	180	1	06/23/22 12:21	06/24/22 14:41	51-28-5	
2,4-Dinitrotoluene	<32.8	ug/kg	229	32.8	1	06/23/22 12:21	06/24/22 14:41	121-14-2	
2,6-Dinitrotoluene	<43.5	ug/kg	229	43.5	1	06/23/22 12:21	06/24/22 14:41	606-20-2	
Di-n-octylphthalate	<51.5	ug/kg	229	51.5	1	06/23/22 12:21	06/24/22 14:41	117-84-0	
bis(2-Ethylhexyl)phthalate	<78.2	ug/kg	229	78.2	1	06/23/22 12:21	06/24/22 14:41	117-81-7	
Fluoranthene	<32.4	ug/kg	229	32.4	1	06/23/22 12:21	06/24/22 14:41	206-44-0	
Fluorene	<26.8	ug/kg	229	26.8	1	06/23/22 12:21	06/24/22 14:41	86-73-7	
Hexachloro-1,3-butadiene	<58.3	ug/kg	229	58.3	1	06/23/22 12:21	06/24/22 14:41	87-68-3	
Hexachlorobenzene	<38.5	ug/kg	229	38.5	1	06/23/22 12:21	06/24/22 14:41	118-74-1	
Hexachlorocyclopentadiene	<54.2	ug/kg	229	54.2	1	06/23/22 12:21	06/24/22 14:41	77-47-4	
Hexachloroethane	<36.7	ug/kg	229	36.7	1	06/23/22 12:21	06/24/22 14:41	67-72-1	
Indeno(1,2,3-cd)pyrene	<49.6	ug/kg	229	49.6	1	06/23/22 12:21	06/24/22 14:41	193-39-5	
Isophorone	<35.2	ug/kg	229	35.2	1	06/23/22 12:21	06/24/22 14:41	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<59.5	ug/kg	229	59.5	1	06/23/22 12:21	06/24/22 14:41	91-57-6	
2-Methylphenol(o-Cresol)	<41.6	ug/kg	229	41.6	1	06/23/22 12:21	06/24/22 14:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	<42.0	ug/kg	229	42.0	1	06/23/22 12:21	06/24/22 14:41		
Naphthalene	<80.1	ug/kg	229	80.1	1	06/23/22 12:21	06/24/22 14:41	91-20-3	
2-Nitroaniline	<65.3	ug/kg	229	65.3	1	06/23/22 12:21	06/24/22 14:41	88-74-4	
3-Nitroaniline	<39.0	ug/kg	229	39.0	1	06/23/22 12:21	06/24/22 14:41	99-09-2	
4-Nitroaniline	<95.1	ug/kg	229	95.1	1	06/23/22 12:21	06/24/22 14:41	100-01-6	
Nitrobenzene	<46.4	ug/kg	229	46.4	1	06/23/22 12:21	06/24/22 14:41	98-95-3	
2-Nitrophenol	<72.3	ug/kg	229	72.3	1	06/23/22 12:21	06/24/22 14:41	88-75-5	
4-Nitrophenol	<57.7	ug/kg	229	57.7	1	06/23/22 12:21	06/24/22 14:41	100-02-7	
N-Nitroso-di-n-propylamine	<36.3	ug/kg	229	36.3	1	06/23/22 12:21	06/24/22 14:41	621-64-7	
N-Nitrosodiphenylamine	<60.3	ug/kg	229	60.3	1	06/23/22 12:21	06/24/22 14:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	<59.1	ug/kg	229	59.1	1	06/23/22 12:21	06/24/22 14:41	108-60-1	
Pentachlorophenol	<50.4	ug/kg	229	50.4	1	06/23/22 12:21	06/24/22 14:41	87-86-5	
Phenanthrene	<29.4	ug/kg	229	29.4	1	06/23/22 12:21	06/24/22 14:41	85-01-8	
Phenol	<54.4	ug/kg	229	54.4	1	06/23/22 12:21	06/24/22 14:41	108-95-2	
Pyrene	<50.8	ug/kg	229	50.8	1	06/23/22 12:21	06/24/22 14:41	129-00-0	
1,2,4-Trichlorobenzene	<25.9	ug/kg	229	25.9	1	06/23/22 12:21	06/24/22 14:41	120-82-1	
2,4,5-Trichlorophenol	<40.5	ug/kg	229	40.5	1	06/23/22 12:21	06/24/22 14:41	95-95-4	
2,4,6-Trichlorophenol	<34.9	ug/kg	229	34.9	1	06/23/22 12:21	06/24/22 14:41	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	77	%	10-125		1	06/23/22 12:21	06/24/22 14:41	4165-60-0	
2-Fluorobiphenyl (S)	78	%	12-118		1	06/23/22 12:21	06/24/22 14:41	321-60-8	
Terphenyl-d14 (S)	84	%	10-124		1	06/23/22 12:21	06/24/22 14:41	1718-51-0	
Phenol-d6 (S)	74	%	10-125		1	06/23/22 12:21	06/24/22 14:41	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	06/23/22 12:21	06/24/22 14:41	367-12-4	
2,4,6-Tribromophenol (S)	103	%	10-144		1	06/23/22 12:21	06/24/22 14:41	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<20.9	ug/kg	87.0	20.9	1	06/15/22 08:00	06/16/22 15:31	630-20-6	
1,1,1-Trichloroethane	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	71-55-6	
1,1,2,2-Tetrachloroethane	<31.5	ug/kg	87.0	31.5	1	06/15/22 08:00	06/16/22 15:31	79-34-5	
1,1,2-Trichloroethane	<31.7	ug/kg	87.0	31.7	1	06/15/22 08:00	06/16/22 15:31	79-00-5	
1,1-Dichloroethane	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	75-34-3	
1,1-Dichloroethene	<28.9	ug/kg	87.0	28.9	1	06/15/22 08:00	06/16/22 15:31	75-35-4	
1,1-Dichloropropene	<28.2	ug/kg	87.0	28.2	1	06/15/22 08:00	06/16/22 15:31	563-58-6	
1,2,3-Trichlorobenzene	<96.9	ug/kg	435	96.9	1	06/15/22 08:00	06/16/22 15:31	87-61-6	
1,2,3-Trichloropropane	<42.3	ug/kg	87.0	42.3	1	06/15/22 08:00	06/16/22 15:31	96-18-4	
1,2,4-Trichlorobenzene	<71.7	ug/kg	435	71.7	1	06/15/22 08:00	06/16/22 15:31	120-82-1	
1,2,4-Trimethylbenzene	<25.9	ug/kg	87.0	25.9	1	06/15/22 08:00	06/16/22 15:31	95-63-6	
1,2-Dibromo-3-chloropropane	<67.5	ug/kg	435	67.5	1	06/15/22 08:00	06/16/22 15:31	96-12-8	
1,2-Dibromoethane (EDB)	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	106-93-4	
1,2-Dichlorobenzene	<27.0	ug/kg	87.0	27.0	1	06/15/22 08:00	06/16/22 15:31	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<20.0	ug/kg	87.0	20.0	1	06/15/22 08:00	06/16/22 15:31	107-06-2	
1,2-Dichloropropane	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	78-87-5	
1,3,5-Trimethylbenzene	<28.0	ug/kg	87.0	28.0	1	06/15/22 08:00	06/16/22 15:31	108-67-8	
1,3-Dichlorobenzene	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	541-73-1	
1,3-Dichloropropane	<19.0	ug/kg	87.0	19.0	1	06/15/22 08:00	06/16/22 15:31	142-28-9	
1,4-Dichlorobenzene	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	106-46-7	
2,2-Dichloropropane	<23.5	ug/kg	87.0	23.5	1	06/15/22 08:00	06/16/22 15:31	594-20-7	
2-Chlorotoluene	<28.2	ug/kg	87.0	28.2	1	06/15/22 08:00	06/16/22 15:31	95-49-8	
4-Chlorotoluene	<33.1	ug/kg	87.0	33.1	1	06/15/22 08:00	06/16/22 15:31	106-43-4	
Benzene	<20.7	ug/kg	34.8	20.7	1	06/15/22 08:00	06/16/22 15:31	71-43-2	
Bromobenzene	<33.9	ug/kg	87.0	33.9	1	06/15/22 08:00	06/16/22 15:31	108-86-1	
Bromochloromethane	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	74-97-5	
Bromodichloromethane	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	75-27-4	
Bromoform	<383	ug/kg	435	383	1	06/15/22 08:00	06/16/22 15:31	75-25-2	
Bromomethane	<122	ug/kg	435	122	1	06/15/22 08:00	06/16/22 15:31	74-83-9	
Carbon tetrachloride	<19.1	ug/kg	87.0	19.1	1	06/15/22 08:00	06/16/22 15:31	56-23-5	
Chlorobenzene	<10.4	ug/kg	87.0	10.4	1	06/15/22 08:00	06/16/22 15:31	108-90-7	
Chloroethane	<36.7	ug/kg	435	36.7	1	06/15/22 08:00	06/16/22 15:31	75-00-3	
Chloroform	<62.3	ug/kg	435	62.3	1	06/15/22 08:00	06/16/22 15:31	67-66-3	
Chloromethane	<33.1	ug/kg	87.0	33.1	1	06/15/22 08:00	06/16/22 15:31	74-87-3	
Dibromochloromethane	<297	ug/kg	435	297	1	06/15/22 08:00	06/16/22 15:31	124-48-1	
Dibromomethane	<25.7	ug/kg	87.0	25.7	1	06/15/22 08:00	06/16/22 15:31	74-95-3	
Dichlorodifluoromethane	<37.4	ug/kg	87.0	37.4	1	06/15/22 08:00	06/16/22 15:31	75-71-8	
Diisopropyl ether	<21.6	ug/kg	87.0	21.6	1	06/15/22 08:00	06/16/22 15:31	108-20-3	
Ethylbenzene	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	100-41-4	
Hexachloro-1,3-butadiene	<173	ug/kg	435	173	1	06/15/22 08:00	06/16/22 15:31	87-68-3	
Isopropylbenzene (Cumene)	<23.5	ug/kg	87.0	23.5	1	06/15/22 08:00	06/16/22 15:31	98-82-8	
Methyl-tert-butyl ether	<25.6	ug/kg	87.0	25.6	1	06/15/22 08:00	06/16/22 15:31	1634-04-4	
Methylene Chloride	<24.2	ug/kg	87.0	24.2	1	06/15/22 08:00	06/16/22 15:31	75-09-2	
Naphthalene	<27.1	ug/kg	435	27.1	1	06/15/22 08:00	06/16/22 15:31	91-20-3	
Styrene	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	100-42-5	
Tetrachloroethene	<33.8	ug/kg	87.0	33.8	1	06/15/22 08:00	06/16/22 15:31	127-18-4	
Toluene	<21.9	ug/kg	87.0	21.9	1	06/15/22 08:00	06/16/22 15:31	108-88-3	
Trichloroethene	<32.5	ug/kg	87.0	32.5	1	06/15/22 08:00	06/16/22 15:31	79-01-6	
Trichlorofluoromethane	<25.2	ug/kg	87.0	25.2	1	06/15/22 08:00	06/16/22 15:31	75-69-4	
Vinyl chloride	<17.6	ug/kg	87.0	17.6	1	06/15/22 08:00	06/16/22 15:31	75-01-4	
cis-1,2-Dichloroethene	<18.6	ug/kg	87.0	18.6	1	06/15/22 08:00	06/16/22 15:31	156-59-2	
cis-1,3-Dichloropropene	<57.4	ug/kg	435	57.4	1	06/15/22 08:00	06/16/22 15:31	10061-01-5	
m&p-Xylene	<36.7	ug/kg	174	36.7	1	06/15/22 08:00	06/16/22 15:31	179601-23-1	
n-Butylbenzene	<39.8	ug/kg	87.0	39.8	1	06/15/22 08:00	06/16/22 15:31	104-51-8	
n-Propylbenzene	<20.9	ug/kg	87.0	20.9	1	06/15/22 08:00	06/16/22 15:31	103-65-1	
o-Xylene	<26.1	ug/kg	87.0	26.1	1	06/15/22 08:00	06/16/22 15:31	95-47-6	
p-Isopropyltoluene	<26.4	ug/kg	87.0	26.4	1	06/15/22 08:00	06/16/22 15:31	99-87-6	
sec-Butylbenzene	<21.2	ug/kg	87.0	21.2	1	06/15/22 08:00	06/16/22 15:31	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<27.3	ug/kg	87.0	27.3	1	06/15/22 08:00	06/16/22 15:31	98-06-6	
trans-1,2-Dichloroethene	<18.8	ug/kg	87.0	18.8	1	06/15/22 08:00	06/16/22 15:31	156-60-5	
trans-1,3-Dichloropropene	<249	ug/kg	435	249	1	06/15/22 08:00	06/16/22 15:31	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	161	%	69-153		1	06/15/22 08:00	06/16/22 15:31	2037-26-5	S3
4-Bromofluorobenzene (S)	149	%	68-156		1	06/15/22 08:00	06/16/22 15:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	06/15/22 08:00	06/16/22 15:31	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.062	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 20:09	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.074	ug/kg	1.23	0.074	1	06/16/22 11:28	06/20/22 20:09	27619-97-2	
8:2 FTS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	39108-34-4	
9Cl-PF3ONS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	763051-92-9	
ADONA	<0.012	ug/kg	1.23	0.012	1	06/16/22 11:28	06/20/22 20:09	919005-14-4	
Perfluorooctanesulfonamide	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	754-91-6	
HFPO-DA	<0.172	ug/kg	2.46	0.172	1	06/16/22 11:28	06/20/22 20:09	13252-13-6	
NEtFOSA	0.061J	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	4151-50-2	
NEtFOSAA	1.63	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	2991-50-6	
NEtFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	1691-99-2	
NMeFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	31506-32-8	
NMeFOSAA	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2355-31-9	
NMeFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	24448-09-7	
Perfluorobutanoic acid	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-73-5	
Perfluorodecanoic acid (S)	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	307-55-1	
PFDoS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	79780-39-5	
PFDS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	335-77-3	
Perfluoroheptanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-85-9	
PFHpS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-92-8	
Perfluorohexanoic acid (S)	0.026J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	307-24-4	
Perfluorohexanesulfonic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-95-1	
PFNS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	68259-12-1	
Perfluorooctanoic acid	<0.098	ug/kg	1.23	0.098	1	06/16/22 11:28	06/20/22 20:09	335-67-1	
Perfluorooctanesulfonic acid	0.108J	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 20:09	1763-23-1	
Perfluoropentanoic acid	0.042J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2706-90-3	
PFPeS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	376-06-7	
Perfluorotridecanoic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	30	%	50-150		1	06/16/22 11:28	06/20/22 20:09	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	31	%	50-150		1	06/16/22 11:28	06/20/22 20:09	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2355-31-9-EI	
d5-NEtFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2991-50-6-EI	
d7-NMeFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 20:09	24448-09-7-	
d9-NEtFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 20:09	1691-99-2-EI	
M2 4:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 20:09	757124-72-4	
M2 6:2 FTS	95	%	50-150		1	06/16/22 11:28	06/20/22 20:09	27619-97-2-	
M2 8:2 FTS	104	%	50-150		1	06/16/22 11:28	06/20/22 20:09	39108-34-4-	
M2PFHxDA	85	%	50-150		1	06/16/22 11:28	06/20/22 20:09	67905-19-5-	
M2PFTeDA	97	%	50-150		1	06/16/22 11:28	06/20/22 20:09	376-06-7-EI	
M3HFPODA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	13252-13-6-	
M3PFBS	77	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-73-5-EI	
M3PFHxS	79	%	50-150		1	06/16/22 11:28	06/20/22 20:09	355-46-4-EI	
M4PFHpA	70	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-85-9-EI	
M5PFHxA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	307-24-4-EI	
M5PFPeA	73	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2706-90-3-EI	
M6PFDA	89	%	50-150		1	06/16/22 11:28	06/20/22 20:09	335-76-2-EI	
M7PFUdA	92	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2058-94-8-EI	
M8FOSA	67	%	50-150		1	06/16/22 11:28	06/20/22 20:09	754-91-6-EI	
M8PFOA	77	%	50-150		1	06/16/22 11:28	06/20/22 20:09	335-67-1-EI	
M8PFOS	90	%	50-150		1	06/16/22 11:28	06/20/22 20:09	1763-23-1-EI	
M9PFNA	84	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-95-1-EI	
MPFBA	69	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-22-4-EI	
MPFDoA	89	%	50-150		1	06/16/22 11:28	06/20/22 20:09	307-55-1-EI	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	<b>27.0</b>	%	0.10	0.10	1		06/20/22 15:22		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 420250 Analysis Method: EPA 7470  
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2420333 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 06:21	

METHOD BLANK: 2417217 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 06:39	

METHOD BLANK: 2417218 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 07:05	

LABORATORY CONTROL SAMPLE: 2420334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2420335 2420336

Parameter	Units	40247337001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	5.0	5.2	99	104	85-115	4	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.

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418735 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004

METHOD BLANK: 2411712 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/22/22 09:23	

LABORATORY CONTROL SAMPLE: 2411713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.82	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2411714 2411715

Parameter	Units	2411714		2411715		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246686006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	mg/kg	0.023J	0.97	0.96	0.96	97	97	85-115	0	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

QC Batch:	418736	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2411716 Matrix: Solid

Associated Lab Samples: 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/22/22 10:28	

LABORATORY CONTROL SAMPLE: 2411717

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2411718 2411719

Parameter	Units	40246376005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.11	0.98	0.98	1.1	1.1	102	102	85-115	0	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418121 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006

METHOD BLANK: 2408278 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	06/14/22 17:30	
Barium	mg/kg	<0.15	0.50	06/14/22 17:30	
Cadmium	mg/kg	<0.13	0.50	06/14/22 17:30	
Chromium	mg/kg	<0.28	1.0	06/14/22 17:30	
Lead	mg/kg	<0.60	2.0	06/14/22 17:30	
Selenium	mg/kg	<1.3	4.0	06/14/22 17:30	
Silver	mg/kg	<0.31	1.0	06/14/22 17:30	

LABORATORY CONTROL SAMPLE: 2408279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	26.1	104	80-120	
Barium	mg/kg	25	26.8	107	80-120	
Cadmium	mg/kg	25	27.2	109	80-120	
Chromium	mg/kg	25	26.9	108	80-120	
Lead	mg/kg	25	27.2	109	80-120	
Selenium	mg/kg	25	27.2	109	80-120	
Silver	mg/kg	12.5	13.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408280 2408281

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40246376001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Arsenic	mg/kg	4.0	28.9	28.9	33.9	33.3	103	101	75-125	2	20	
Barium	mg/kg	71.6	28.9	28.9	87.7	131	56	205	75-125	39	20	M0, R1
Cadmium	mg/kg	<0.15	28.9	28.9	31.8	30.4	110	105	75-125	5	20	
Chromium	mg/kg	16.1	28.9	28.9	45.2	50.5	101	119	75-125	11	20	
Lead	mg/kg	16.4	28.9	28.9	41.2	45.9	86	102	75-125	11	20	
Selenium	mg/kg	<1.5	28.9	28.9	29.4	28.9	102	100	75-125	1	20	
Silver	mg/kg	<0.35	14.4	14.4	16.1	15.3	111	105	75-125	5	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418125 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2408300 Matrix: Solid  
Associated Lab Samples: 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	06/14/22 14:20	
Barium	mg/kg	<0.15	0.50	06/14/22 14:20	
Cadmium	mg/kg	<0.13	0.50	06/14/22 14:20	
Chromium	mg/kg	<0.28	1.0	06/14/22 14:20	
Lead	mg/kg	<0.60	2.0	06/14/22 14:20	
Selenium	mg/kg	<1.3	4.0	06/14/22 14:20	
Silver	mg/kg	<0.31	1.0	06/14/22 14:20	

LABORATORY CONTROL SAMPLE: 2408301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.8	99	80-120	
Barium	mg/kg	25	25.8	103	80-120	
Cadmium	mg/kg	25	26.4	106	80-120	
Chromium	mg/kg	25	26.0	104	80-120	
Lead	mg/kg	25	26.2	105	80-120	
Selenium	mg/kg	25	26.3	105	80-120	
Silver	mg/kg	12.5	13.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408302 2408303

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40245901020 Result	Spike Conc.	Spike Conc.	Result								
Arsenic	mg/kg	4.0	30	29.8	31.8	33.7	93	100	75-125	6	20		
Barium	mg/kg	90.8	30	29.8	130	151	133	202	75-125	15	20	M0	
Cadmium	mg/kg	0.65	30	29.8	30.7	30.5	101	100	75-125	1	20		
Chromium	mg/kg	27.9	30	29.8	55.5	56.0	92	94	75-125	1	20		
Lead	mg/kg	106	30	29.8	89.6	91.0	-56	-51	75-125	2	20	M0	
Selenium	mg/kg	<1.6	30	29.8	29.6	29.9	99	100	75-125	1	20		
Silver	mg/kg	<0.37	15	15	15.3	15.2	101	100	75-125	1	20		

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 419821 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3015A Analysis Description: 6010D MET TCLP  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2417534 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/30/22 13:08	
Barium	mg/L	<0.0015	0.0050	06/30/22 13:08	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 13:08	
Chromium	mg/L	<0.0025	0.010	06/30/22 13:08	
Copper	mg/L	<0.0034	0.010	06/30/22 13:08	
Lead	mg/L	<0.0059	0.020	06/30/22 13:08	
Nickel	mg/L	<0.0026	0.010	06/30/22 13:08	
Selenium	mg/L	<0.012	0.040	06/30/22 13:08	
Silver	mg/L	<0.0032	0.010	06/30/22 13:08	
Zinc	mg/L	<0.012	0.040	06/30/22 13:08	

METHOD BLANK: 2417215 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	0.011J	0.025	06/30/22 13:50	
Barium	mg/L	0.0057	0.0050	06/30/22 13:50	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 13:50	
Chromium	mg/L	0.0032J	0.010	06/30/22 13:50	
Copper	mg/L	<0.0034	0.010	06/30/22 13:50	
Lead	mg/L	<0.0059	0.020	06/30/22 13:50	
Nickel	mg/L	0.0033J	0.010	06/30/22 13:50	
Selenium	mg/L	0.016J	0.040	06/30/22 13:50	
Silver	mg/L	<0.0032	0.010	06/30/22 13:50	
Zinc	mg/L	<0.012	0.040	06/30/22 13:50	

METHOD BLANK: 2417216 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	0.012J	0.025	06/30/22 14:18	
Barium	mg/L	0.0044J	0.0050	06/30/22 14:18	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 14:18	
Chromium	mg/L	<0.0025	0.010	06/30/22 14:18	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2417216

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	<0.0034	0.010	06/30/22 14:18	
Lead	mg/L	<0.0059	0.020	06/30/22 14:18	
Nickel	mg/L	<0.0026	0.010	06/30/22 14:18	
Selenium	mg/L	0.016J	0.040	06/30/22 14:18	
Silver	mg/L	<0.0032	0.010	06/30/22 14:18	
Zinc	mg/L	<0.012	0.040	06/30/22 14:18	

METHOD BLANK: 2417228

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/30/22 14:25	
Barium	mg/L	<0.0015	0.0050	06/30/22 14:25	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 14:25	
Chromium	mg/L	<0.0025	0.010	06/30/22 14:25	
Copper	mg/L	<0.0034	0.010	06/30/22 14:25	
Lead	mg/L	<0.0059	0.020	06/30/22 14:25	
Nickel	mg/L	<0.0026	0.010	06/30/22 14:25	
Selenium	mg/L	<0.012	0.040	06/30/22 14:25	
Silver	mg/L	<0.0032	0.010	06/30/22 14:25	
Zinc	mg/L	<0.012	0.040	06/30/22 14:25	

LABORATORY CONTROL SAMPLE: 2417535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.28	0.25	90	80-120	
Barium	mg/L	0.28	0.26	94	80-120	
Cadmium	mg/L	0.28	0.26	94	80-120	
Chromium	mg/L	0.28	0.27	98	80-120	
Copper	mg/L	0.28	0.27	97	80-120	
Lead	mg/L	0.28	0.27	96	80-120	
Nickel	mg/L	0.28	0.27	96	80-120	
Selenium	mg/L	0.28	0.26	95	80-120	
Silver	mg/L	0.14	0.13	95	80-120	
Zinc	mg/L	0.28	0.26	95	80-120	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

MATRIX SPIKE SAMPLE:		2417536					
Parameter	Units	40247320001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	25.6J	1.2	31.4J	466	75-125	P6
Barium	mg/L	<3.4	1.2	<3.4	54	75-125	M0
Cadmium	mg/L	<3.0	1.2	<3.0	88	75-125	
Chromium	mg/L	22.2J	1.2	22.2J	1	75-125	P6
Copper	mg/L	332	1.2	328	-360	75-125	P6
Lead	mg/L	<13.3	1.2	<13.3	322	75-125	M0
Nickel	mg/L	2880	1.2	2860	-1800	75-125	P6
Selenium	mg/L	<27.5	1.2	<27.5	330	75-125	P6
Silver	mg/L	<7.2	0.62	<7.2	-108	75-125	M0
Zinc	mg/L	<26.0	1.2	<26.0	1	75-125	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2417537			2417538							
Parameter	Units	40247337001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Arsenic	mg/L	<0.0083	0.28	0.28	0.29	0.28	104	101	75-125	3	20	
Barium	mg/L	0.092	0.28	0.28	0.36	0.36	97	96	75-125	1	20	
Cadmium	mg/L	0.0034J	0.28	0.28	0.29	0.28	102	101	75-125	2	20	
Chromium	mg/L	<0.0025	0.28	0.28	0.27	0.27	96	96	75-125	0	20	
Copper	mg/L	<0.0034	0.28	0.28	0.29	0.29	103	102	75-125	1	20	
Lead	mg/L	<0.0059	0.28	0.28	0.27	0.27	97	96	75-125	0	20	
Nickel	mg/L	0.041	0.28	0.28	0.31	0.31	96	95	75-125	1	20	
Selenium	mg/L	0.013J	0.28	0.28	0.32	0.31	112	107	75-125	4	20	
Silver	mg/L	<0.0032	0.14	0.14	0.14	0.14	102	101	75-125	1	20	
Zinc	mg/L	0.22	0.28	0.28	0.48	0.47	92	91	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418361 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376011, 40246376012

METHOD BLANK: 2409483 Matrix: Solid

Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/15/22 19:50	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/15/22 19:50	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/15/22 19:50	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/15/22 19:50	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/15/22 19:50	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/15/22 19:50	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/15/22 19:50	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/15/22 19:50	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/15/22 19:50	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/15/22 19:50	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/15/22 19:50	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/15/22 19:50	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/15/22 19:50	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/15/22 19:50	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/15/22 19:50	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/15/22 19:50	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/15/22 19:50	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/15/22 19:50	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/15/22 19:50	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/15/22 19:50	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/15/22 19:50	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/15/22 19:50	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/15/22 19:50	
Benzene	ug/kg	<11.9	20.0	06/15/22 19:50	
Bromobenzene	ug/kg	<19.5	50.0	06/15/22 19:50	
Bromochloromethane	ug/kg	<13.7	50.0	06/15/22 19:50	
Bromodichloromethane	ug/kg	<11.9	50.0	06/15/22 19:50	
Bromoform	ug/kg	<220	250	06/15/22 19:50	
Bromomethane	ug/kg	<70.1	250	06/15/22 19:50	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/15/22 19:50	
Chlorobenzene	ug/kg	<6.0	50.0	06/15/22 19:50	
Chloroethane	ug/kg	<21.1	250	06/15/22 19:50	
Chloroform	ug/kg	<35.8	250	06/15/22 19:50	
Chloromethane	ug/kg	<19.0	50.0	06/15/22 19:50	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/15/22 19:50	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/15/22 19:50	
Dibromochloromethane	ug/kg	<171	250	06/15/22 19:50	
Dibromomethane	ug/kg	<14.8	50.0	06/15/22 19:50	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/15/22 19:50	
Diisopropyl ether	ug/kg	<12.4	50.0	06/15/22 19:50	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2409483 Matrix: Solid  
Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	06/15/22 19:50	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/15/22 19:50	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/15/22 19:50	
m&p-Xylene	ug/kg	<21.1	100	06/15/22 19:50	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/15/22 19:50	
Methylene Chloride	ug/kg	<13.9	50.0	06/15/22 19:50	
n-Butylbenzene	ug/kg	<22.9	50.0	06/15/22 19:50	
n-Propylbenzene	ug/kg	<12.0	50.0	06/15/22 19:50	
Naphthalene	ug/kg	<15.6	250	06/15/22 19:50	
o-Xylene	ug/kg	<15.0	50.0	06/15/22 19:50	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/15/22 19:50	
sec-Butylbenzene	ug/kg	<12.2	50.0	06/15/22 19:50	
Styrene	ug/kg	<12.8	50.0	06/15/22 19:50	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/15/22 19:50	
Tetrachloroethene	ug/kg	<19.4	50.0	06/15/22 19:50	
Toluene	ug/kg	<12.6	50.0	06/15/22 19:50	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/15/22 19:50	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/15/22 19:50	
Trichloroethene	ug/kg	<18.7	50.0	06/15/22 19:50	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/15/22 19:50	
Vinyl chloride	ug/kg	<10.1	50.0	06/15/22 19:50	
1,2-Dichlorobenzene-d4 (S)	%	92	71-161	06/15/22 19:50	
4-Bromofluorobenzene (S)	%	104	68-156	06/15/22 19:50	
Toluene-d8 (S)	%	110	69-153	06/15/22 19:50	

LABORATORY CONTROL SAMPLE: 2409484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2870	115	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2660	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2760	110	70-130	
1,1-Dichloroethene	ug/kg	2500	2610	104	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2760	110	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2840	114	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2720	109	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2690	108	70-130	
1,2-Dichloropropane	ug/kg	2500	2700	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2580	103	70-130	
Benzene	ug/kg	2500	2660	106	70-130	
Bromodichloromethane	ug/kg	2500	2630	105	70-130	
Bromoform	ug/kg	2500	2270	91	60-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2409484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2280	91	45-153	
Carbon tetrachloride	ug/kg	2500	2860	114	70-130	
Chlorobenzene	ug/kg	2500	2610	104	70-130	
Chloroethane	ug/kg	2500	2220	89	55-160	
Chloroform	ug/kg	2500	2520	101	80-120	
Chloromethane	ug/kg	2500	2410	96	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2650	106	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2640	105	70-130	
Dibromochloromethane	ug/kg	2500	2430	97	70-130	
Dichlorodifluoromethane	ug/kg	2500	1910	77	16-83	
Ethylbenzene	ug/kg	2500	2530	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2620	105	70-130	
m&p-Xylene	ug/kg	5000	5220	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2740	110	65-130	
Methylene Chloride	ug/kg	2500	2630	105	70-130	
o-Xylene	ug/kg	2500	2670	107	70-130	
Styrene	ug/kg	2500	2650	106	70-130	
Tetrachloroethene	ug/kg	2500	2740	110	70-130	
Toluene	ug/kg	2500	2590	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2700	108	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2440	98	70-130	
Trichloroethene	ug/kg	2500	2620	105	70-130	
Trichlorofluoromethane	ug/kg	2500	2330	93	70-130	
Vinyl chloride	ug/kg	2500	2280	91	59-114	
1,2-Dichlorobenzene-d4 (S)	%			95	71-161	
4-Bromofluorobenzene (S)	%			114	68-156	
Toluene-d8 (S)	%			118	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409485 2409486

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246151015 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<16.6	1300	1300	1300	964	1210	74	93	69-130	23	20	R1
1,1,2,2-Tetrachloroethane	ug/kg	<23.5	1300	1300	1300	1630	1510	126	116	70-130	8	20	
1,1,2-Trichloroethane	ug/kg	<23.6	1300	1300	1300	1290	1390	99	107	70-130	7	20	
1,1-Dichloroethane	ug/kg	<16.6	1300	1300	1300	1190	1320	92	102	70-130	11	20	
1,1-Dichloroethene	ug/kg	<21.6	1300	1300	1300	955	1180	74	91	55-120	21	22	
1,2,4-Trichlorobenzene	ug/kg	<53.5	1300	1300	1300	1700	1570	131	121	67-130	8	20	M1
1,2-Dibromo-3-chloropropane	ug/kg	<50.4	1300	1300	1300	1540	1470	118	113	70-130	5	22	
1,2-Dibromoethane (EDB)	ug/kg	<17.8	1300	1300	1300	1350	1330	104	103	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<20.1	1300	1300	1300	1510	1410	116	109	70-130	6	20	
1,2-Dichloroethane	ug/kg	<14.9	1300	1300	1300	1330	1310	102	101	70-130	1	20	
1,2-Dichloropropane	ug/kg	<15.5	1300	1300	1300	1300	1330	100	102	80-123	2	20	
1,3-Dichlorobenzene	ug/kg	<17.8	1300	1300	1300	1450	1470	111	113	70-130	1	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Parameter	Units	2409485		2409486		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246151015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<17.8	1300	1300	1410	1400	108	108	70-130	0	20		
Benzene	ug/kg	<15.5	1300	1300	1240	1320	96	102	70-130	6	20		
Bromodichloromethane	ug/kg	<15.5	1300	1300	1230	1240	95	96	70-130	1	20		
Bromoform	ug/kg	<286	1300	1300	1220	1190	94	91	60-130	2	20		
Bromomethane	ug/kg	<91.1	1300	1300	1160	1340	89	103	38-153	14	20		
Carbon tetrachloride	ug/kg	<14.3	1300	1300	975	1280	75	98	62-130	27	20	R1	
Chlorobenzene	ug/kg	<7.8	1300	1300	1300	1360	100	105	70-130	4	20		
Chloroethane	ug/kg	<27.4	1300	1300	1100	1150	85	88	53-160	4	24		
Chloroform	ug/kg	<46.5	1300	1300	1200	1290	92	99	80-120	7	20		
Chloromethane	ug/kg	<24.7	1300	1300	1160	1380	89	107	10-130	18	20		
cis-1,2-Dichloroethene	ug/kg	<13.9	1300	1300	1180	1250	91	96	70-130	5	20		
cis-1,3-Dichloropropene	ug/kg	<42.9	1300	1300	1250	1250	96	96	70-130	0	20		
Dibromochloromethane	ug/kg	<222	1300	1300	1280	1290	98	100	70-130	1	20		
Dichlorodifluoromethane	ug/kg	<27.9	1300	1300	641	1030	49	79	10-83	46	31	R1	
Ethylbenzene	ug/kg	<15.5	1300	1300	1150	1270	89	98	80-120	10	20		
Isopropylbenzene (Cumene)	ug/kg	<17.5	1300	1300	1140	1260	88	97	70-130	10	20		
m&p-Xylene	ug/kg	<27.4	2600	2600	2380	2560	92	99	70-130	7	20		
Methyl-tert-butyl ether	ug/kg	<19.1	1300	1300	1330	1350	102	104	66-130	2	20		
Methylene Chloride	ug/kg	<18.1	1300	1300	1270	1360	98	105	70-130	7	20		
o-Xylene	ug/kg	<19.5	1300	1300	1220	1320	94	102	70-130	8	20		
Styrene	ug/kg	<16.6	1300	1300	1240	1280	95	99	70-130	4	20		
Tetrachloroethene	ug/kg	<25.2	1300	1300	1060	1250	82	96	69-130	16	20		
Toluene	ug/kg	<16.4	1300	1300	1240	1360	95	105	79-120	10	20		
trans-1,2-Dichloroethene	ug/kg	<14.0	1300	1300	1220	1380	94	106	70-130	12	20		
trans-1,3-Dichloropropene	ug/kg	<186	1300	1300	1220	1260	94	97	69-130	4	20		
Trichloroethene	ug/kg	<24.3	1300	1300	1150	1310	88	101	70-130	13	20		
Trichlorofluoromethane	ug/kg	<18.8	1300	1300	742	943	57	73	50-130	24	22	R1	
Vinyl chloride	ug/kg	<13.1	1300	1300	879	1150	68	89	26-114	27	20	R1	
1,2-Dichlorobenzene-d4 (S)	%						112	109	71-161				
4-Bromofluorobenzene (S)	%						126	129	68-156				
Toluene-d8 (S)	%						131	132	69-153				

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418383 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

METHOD BLANK: 2409541 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/16/22 14:52	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/16/22 14:52	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/16/22 14:52	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/16/22 14:52	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/16/22 14:52	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/16/22 14:52	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/16/22 14:52	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/16/22 14:52	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/16/22 14:52	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/16/22 14:52	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/16/22 14:52	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/16/22 14:52	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/16/22 14:52	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/16/22 14:52	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/16/22 14:52	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/16/22 14:52	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/16/22 14:52	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/16/22 14:52	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/16/22 14:52	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/16/22 14:52	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/16/22 14:52	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/16/22 14:52	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/16/22 14:52	
Benzene	ug/kg	<11.9	20.0	06/16/22 14:52	
Bromobenzene	ug/kg	<19.5	50.0	06/16/22 14:52	
Bromochloromethane	ug/kg	<13.7	50.0	06/16/22 14:52	
Bromodichloromethane	ug/kg	<11.9	50.0	06/16/22 14:52	
Bromoform	ug/kg	<220	250	06/16/22 14:52	
Bromomethane	ug/kg	<70.1	250	06/16/22 14:52	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/16/22 14:52	
Chlorobenzene	ug/kg	<6.0	50.0	06/16/22 14:52	
Chloroethane	ug/kg	<21.1	250	06/16/22 14:52	
Chloroform	ug/kg	<35.8	250	06/16/22 14:52	
Chloromethane	ug/kg	<19.0	50.0	06/16/22 14:52	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/16/22 14:52	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/16/22 14:52	
Dibromochloromethane	ug/kg	<171	250	06/16/22 14:52	
Dibromomethane	ug/kg	<14.8	50.0	06/16/22 14:52	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/16/22 14:52	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

METHOD BLANK: 2409541

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	06/16/22 14:52	
Ethylbenzene	ug/kg	<11.9	50.0	06/16/22 14:52	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/16/22 14:52	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/16/22 14:52	
m&p-Xylene	ug/kg	<21.1	100	06/16/22 14:52	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/16/22 14:52	
Methylene Chloride	ug/kg	<13.9	50.0	06/16/22 14:52	
n-Butylbenzene	ug/kg	<22.9	50.0	06/16/22 14:52	
n-Propylbenzene	ug/kg	<12.0	50.0	06/16/22 14:52	
Naphthalene	ug/kg	<15.6	250	06/16/22 14:52	
o-Xylene	ug/kg	<15.0	50.0	06/16/22 14:52	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/16/22 14:52	
sec-Butylbenzene	ug/kg	<12.2	50.0	06/16/22 14:52	
Styrene	ug/kg	<12.8	50.0	06/16/22 14:52	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/16/22 14:52	
Tetrachloroethene	ug/kg	<19.4	50.0	06/16/22 14:52	
Toluene	ug/kg	<12.6	50.0	06/16/22 14:52	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/16/22 14:52	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/16/22 14:52	
Trichloroethene	ug/kg	<18.7	50.0	06/16/22 14:52	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/16/22 14:52	
Vinyl chloride	ug/kg	<10.1	50.0	06/16/22 14:52	
1,2-Dichlorobenzene-d4 (S)	%	102	71-161	06/16/22 14:52	
4-Bromofluorobenzene (S)	%	115	68-156	06/16/22 14:52	
Toluene-d8 (S)	%	116	69-153	06/16/22 14:52	

LABORATORY CONTROL SAMPLE: 2409542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2910	116	70-130	
1,1,1,2-Tetrachloroethane	ug/kg	2500	2630	105	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2480	99	70-130	
1,1-Dichloroethane	ug/kg	2500	2830	113	70-130	
1,1-Dichloroethene	ug/kg	2500	2740	110	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2900	116	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2860	114	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2650	106	70-130	
1,2-Dichloropropane	ug/kg	2500	2700	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
Benzene	ug/kg	2500	2710	108	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2409542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/kg	2500	2700	108	70-130	
Bromoform	ug/kg	2500	2150	86	60-130	
Bromomethane	ug/kg	2500	2240	89	45-153	
Carbon tetrachloride	ug/kg	2500	2820	113	70-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2670	107	55-160	
Chloroform	ug/kg	2500	2560	102	80-120	
Chloromethane	ug/kg	2500	2440	98	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2650	106	70-130	
Dibromochloromethane	ug/kg	2500	2330	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	2030	81	16-83	
Ethylbenzene	ug/kg	2500	2590	103	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2680	107	70-130	
m&p-Xylene	ug/kg	5000	5160	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2710	108	65-130	
Methylene Chloride	ug/kg	2500	2610	104	70-130	
o-Xylene	ug/kg	2500	2600	104	70-130	
Styrene	ug/kg	2500	2640	105	70-130	
Tetrachloroethene	ug/kg	2500	2590	104	70-130	
Toluene	ug/kg	2500	2590	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2780	111	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2370	95	70-130	
Trichloroethene	ug/kg	2500	2740	110	70-130	
Trichlorofluoromethane	ug/kg	2500	2480	99	70-130	
Vinyl chloride	ug/kg	2500	2380	95	59-114	
1,2-Dichlorobenzene-d4 (S)	%			95	71-161	
4-Bromofluorobenzene (S)	%			114	68-156	
Toluene-d8 (S)	%			114	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409543 2409544

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246376001 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<16.9	1160	1140	1460	1420	126	124	69-130	3	20		
1,1,2,2-Tetrachloroethane	ug/kg	<23.9	1160	1140	1450	1630	125	142	70-130	12	20	M1	
1,1,2-Trichloroethane	ug/kg	<24.1	1160	1140	1300	1410	113	123	70-130	8	20		
1,1-Dichloroethane	ug/kg	<16.9	1160	1140	1330	1420	115	124	70-130	6	20		
1,1-Dichloroethene	ug/kg	<21.9	1160	1140	1380	1420	119	124	55-120	3	22	M1	
1,2,4-Trichlorobenzene	ug/kg	<54.4	1160	1140	1870	1790	162	156	67-130	5	20	M1	
1,2-Dibromo-3-chloropropane	ug/kg	<51.3	1160	1140	1450	1710	125	150	70-130	17	22	M1	
1,2-Dibromoethane (EDB)	ug/kg	<18.1	1160	1140	1300	1390	113	122	70-130	7	20		
1,2-Dichlorobenzene	ug/kg	<20.5	1160	1140	1440	1520	125	133	70-130	5	20	M1	
1,2-Dichloroethane	ug/kg	<15.2	1160	1140	1330	1410	115	124	70-130	6	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409543		2409544		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40246376001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloropropane	ug/kg	<15.7	1160	1140	1370	1450	118	127	80-123	6	20	M1	
1,3-Dichlorobenzene	ug/kg	<18.1	1160	1140	1470	1490	127	130	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<18.1	1160	1140	1430	1420	124	124	70-130	1	20		
Benzene	ug/kg	<15.7	1160	1140	1370	1440	119	126	70-130	5	20		
Bromodichloromethane	ug/kg	<15.7	1160	1140	1330	1380	115	120	70-130	4	20		
Bromoform	ug/kg	<291	1160	1140	1140	1260	99	110	60-130	10	20		
Bromomethane	ug/kg	<92.6	1160	1140	1180	1370	102	120	38-153	15	20		
Carbon tetrachloride	ug/kg	<14.5	1160	1140	1410	1510	122	132	62-130	7	20	M1	
Chlorobenzene	ug/kg	<7.9	1160	1140	1340	1410	116	124	70-130	5	20		
Chloroethane	ug/kg	<27.9	1160	1140	1320	1300	115	113	53-160	2	24		
Chloroform	ug/kg	<47.3	1160	1140	1310	1380	113	121	80-120	6	20	M1	
Chloromethane	ug/kg	<25.1	1160	1140	1230	1350	106	118	10-130	10	20		
cis-1,2-Dichloroethene	ug/kg	<14.1	1160	1140	1270	1380	110	121	70-130	8	20		
cis-1,3-Dichloropropene	ug/kg	<43.6	1160	1140	1260	1340	109	117	70-130	6	20		
Dibromochloromethane	ug/kg	<226	1160	1140	1180	1320	102	115	70-130	11	20		
Dichlorodifluoromethane	ug/kg	<28.4	1160	1140	906	942	78	82	10-83	4	31		
Ethylbenzene	ug/kg	<15.7	1160	1140	1300	1390	112	122	80-120	7	20	M1	
Isopropylbenzene (Cumene)	ug/kg	<17.8	1160	1140	1330	1440	115	126	70-130	8	20		
m&p-Xylene	ug/kg	<27.9	2310	2290	2620	2830	113	124	70-130	8	20		
Methyl-tert-butyl ether	ug/kg	<19.4	1160	1140	1390	1510	120	132	66-130	8	20	M1	
Methylene Chloride	ug/kg	<18.4	1160	1140	1320	1450	114	126	70-130	9	20		
o-Xylene	ug/kg	<19.8	1160	1140	1290	1420	112	124	70-130	10	20		
Styrene	ug/kg	<16.9	1160	1140	1240	1390	107	121	70-130	11	20		
Tetrachloroethene	ug/kg	<25.6	1160	1140	1380	1350	119	118	69-130	2	20		
Toluene	ug/kg	30.9J	1160	1140	1350	1440	114	123	79-120	6	20	M1	
trans-1,2-Dichloroethene	ug/kg	<14.3	1160	1140	1400	1510	121	132	70-130	8	20	M1	
trans-1,3-Dichloropropene	ug/kg	<189	1160	1140	1170	1280	101	112	69-130	9	20		
Trichloroethene	ug/kg	<24.7	1160	1140	1400	1460	121	128	70-130	4	20		
Trichlorofluoromethane	ug/kg	<19.2	1160	1140	1130	1210	98	106	50-130	7	22		
Vinyl chloride	ug/kg	<13.3	1160	1140	1160	1200	100	105	26-114	4	20		
1,2-Dichlorobenzene-d4 (S)	%						108	112	71-161				
4-Bromofluorobenzene (S)	%						128	133	68-156				
Toluene-d8 (S)	%						131	132	69-153				

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418285 Analysis Method: EPA 8082A  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005

METHOD BLANK: 2408882 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/15/22 16:01	
Decachlorobiphenyl (S)	%	78	38-95	06/15/22 16:01	
Tetrachloro-m-xylene (S)	%	85	50-99	06/15/22 16:01	

LABORATORY CONTROL SAMPLE: 2408883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	401	80	71-104	
Decachlorobiphenyl (S)	%			80	38-95	
Tetrachloro-m-xylene (S)	%			86	50-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408884 2408885

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246293001	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20
PCB-1221 (Aroclor 1221)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20
PCB-1232 (Aroclor 1232)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20
PCB-1242 (Aroclor 1242)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20
PCB-1248 (Aroclor 1248)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20
PCB-1254 (Aroclor 1254)	ug/kg	<0.018 mg/kg			<18.1	<18.1					20

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Parameter	Units	40246293001		2408884		2408885		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
PCB-1260 (Aroclor 1260)	ug/kg	<0.018 mg/kg	593	596	439	415	74	70	42-109	6	20			
Decachlorobiphenyl (S)	%						74	71	38-95					
Tetrachloro-m-xylene (S)	%						80	77	50-99					

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418443      Analysis Method: EPA 8082A  
QC Batch Method: EPA 3541      Analysis Description: 8082 GCS PCB  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2409807      Matrix: Solid  
Associated Lab Samples: 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/16/22 09:05	
Decachlorobiphenyl (S)	%	76	38-95	06/16/22 09:05	
Tetrachloro-m-xylene (S)	%	84	50-99	06/16/22 09:05	

LABORATORY CONTROL SAMPLE: 2409808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	380	76	71-104	
Decachlorobiphenyl (S)	%			73	38-95	
Tetrachloro-m-xylene (S)	%			88	50-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409809      2409810

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40244602033 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1221 (Aroclor 1221)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1232 (Aroclor 1232)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1242 (Aroclor 1242)	ug/kg	<18.9			46.7J	53.7J					20
PCB-1248 (Aroclor 1248)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1254 (Aroclor 1254)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1260 (Aroclor 1260)	ug/kg	<18.9	620	620	410	394	66	64	42-109	4	20
Decachlorobiphenyl (S)	%						67	64	38-95		
Tetrachloro-m-xylene (S)	%						75	70	50-99		

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

METHOD BLANK: 2412252

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	<69.4	167	06/21/22 14:36	
Carbazole	ug/kg	<26.1	167	06/21/22 14:36	
Chrysene	ug/kg	<24.9	167	06/21/22 14:36	
Di-n-butylphthalate	ug/kg	<24.9	167	06/21/22 14:36	
Di-n-octylphthalate	ug/kg	<37.5	167	06/21/22 14:36	
Dibenz(a,h)anthracene	ug/kg	<45.3	167	06/21/22 14:36	
Dibenzofuran	ug/kg	<20.2	167	06/21/22 14:36	
Diethylphthalate	ug/kg	<27.7	167	06/21/22 14:36	
Dimethylphthalate	ug/kg	<21.7	167	06/21/22 14:36	
Fluoranthene	ug/kg	<23.6	167	06/21/22 14:36	
Fluorene	ug/kg	<19.5	167	06/21/22 14:36	
Hexachloro-1,3-butadiene	ug/kg	<42.5	167	06/21/22 14:36	
Hexachlorobenzene	ug/kg	<28.0	167	06/21/22 14:36	
Hexachlorocyclopentadiene	ug/kg	<39.5	167	06/21/22 14:36	
Hexachloroethane	ug/kg	<26.7	167	06/21/22 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.1	167	06/21/22 14:36	
Isophorone	ug/kg	<25.6	167	06/21/22 14:36	
N-Nitroso-di-n-propylamine	ug/kg	<26.4	167	06/21/22 14:36	
N-Nitrosodiphenylamine	ug/kg	<43.9	167	06/21/22 14:36	
Naphthalene	ug/kg	<58.3	167	06/21/22 14:36	
Nitrobenzene	ug/kg	<33.8	167	06/21/22 14:36	
Pentachlorophenol	ug/kg	<36.7	167	06/21/22 14:36	
Phenanthrene	ug/kg	<21.4	167	06/21/22 14:36	
Phenol	ug/kg	<39.6	167	06/21/22 14:36	
Pyrene	ug/kg	<37.0	167	06/21/22 14:36	
2,4,6-Tribromophenol (S)	%	93	10-144	06/21/22 14:36	
2-Fluorobiphenyl (S)	%	76	12-118	06/21/22 14:36	
2-Fluorophenol (S)	%	61	10-130	06/21/22 14:36	
Nitrobenzene-d5 (S)	%	64	10-125	06/21/22 14:36	
Phenol-d6 (S)	%	59	10-125	06/21/22 14:36	
Terphenyl-d14 (S)	%	98	10-124	06/21/22 14:36	

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1390	83	70-130	
1,2-Dichlorobenzene	ug/kg	1670	1240	75	66-130	
1,3-Dichlorobenzene	ug/kg	1670	1120	67	66-130	
1,4-Dichlorobenzene	ug/kg	1670	1130	68	64-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1230	74	65-130	
2,4,5-Trichlorophenol	ug/kg	1670	1610	97	70-125	
2,4,6-Trichlorophenol	ug/kg	1670	1590	95	70-124	
2,4-Dichlorophenol	ug/kg	1670	1520	91	70-121	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	1470	89	70-130	
2,4-Dinitrophenol	ug/kg	1670	1160	70	26-103	
2,4-Dinitrotoluene	ug/kg	1670	1770	107	70-130	
2,6-Dinitrotoluene	ug/kg	1670	1780	107	70-130	
2-Chloronaphthalene	ug/kg	1670	1450	87	70-130	
2-Chlorophenol	ug/kg	1670	1260	75	67-130	
2-Methylnaphthalene	ug/kg	1670	1470	88	70-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1470	88	69-130	
2-Nitroaniline	ug/kg	1670	1490	90	70-124	
2-Nitrophenol	ug/kg	1670	1570	94	70-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1460	88	70-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1700	102	48-112	
3-Nitroaniline	ug/kg	1670	1500	90	57-121	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1490	90	59-115	
4-Bromophenylphenyl ether	ug/kg	1670	1650	99	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1580	95	70-130	
4-Chloroaniline	ug/kg	1670	1170	71	45-130	1q
4-Chlorophenylphenyl ether	ug/kg	1670	1690	101	70-130	
4-Nitroaniline	ug/kg	1670	1490	89	62-127	
4-Nitrophenol	ug/kg	1670	1340	81	50-126	
Acenaphthene	ug/kg	1670	1430	86	70-130	
Acenaphthylene	ug/kg	1670	1530	92	70-130	
Anthracene	ug/kg	1670	1380	83	70-130	
Benzo(a)anthracene	ug/kg	1670	1690	102	70-130	
Benzo(a)pyrene	ug/kg	1670	1610	97	70-130	
Benzo(b)fluoranthene	ug/kg	1670	1600	96	70-130	
Benzo(g,h,i)perylene	ug/kg	1670	1610	96	65-130	
Benzo(k)fluoranthene	ug/kg	1670	1550	93	70-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1370	82	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1120	67	68-130	L2
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1620	97	70-130	
Butylbenzylphthalate	ug/kg	1670	1740	104	70-130	
Carbazole	ug/kg	1670	1540	93	70-130	
Chrysene	ug/kg	1670	1670	101	70-130	
Di-n-butylphthalate	ug/kg	1670	1630	98	70-130	
Di-n-octylphthalate	ug/kg	1670	1770	106	67-134	
Dibenz(a,h)anthracene	ug/kg	1670	1740	104	68-130	
Dibenzofuran	ug/kg	1670	1560	94	70-130	
Diethylphthalate	ug/kg	1670	1560	94	70-130	
Dimethylphthalate	ug/kg	1670	1560	94	70-130	
Fluoranthene	ug/kg	1670	1660	100	70-130	
Fluorene	ug/kg	1670	1530	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1340	81	67-130	
Hexachlorobenzene	ug/kg	1670	1620	97	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1260	76	54-114	
Hexachloroethane	ug/kg	1670	1140	68	64-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1710	103	63-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1480	89	70-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1460	88	70-130	
N-Nitrosodiphenylamine	ug/kg	1670	1510	91	70-130	
Naphthalene	ug/kg	1670	1360	82	70-130	
Nitrobenzene	ug/kg	1670	1290	77	70-130	
Pentachlorophenol	ug/kg	1670	1440	86	47-108	
Phenanthrene	ug/kg	1670	1480	89	70-130	
Phenol	ug/kg	1670	1320	79	67-130	
Pyrene	ug/kg	1670	1580	95	70-130	
2,4,6-Tribromophenol (S)	%			118	10-144	
2-Fluorobiphenyl (S)	%			93	12-118	
2-Fluorophenol (S)	%			68	10-130	
Nitrobenzene-d5 (S)	%			81	10-125	
Phenol-d6 (S)	%			77	10-125	
Terphenyl-d14 (S)	%			103	10-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2412254 2412255

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246502001 Result	Spike Conc.	Spike Conc.	MS Result								
1,2,4-Trichlorobenzene	ug/kg	<88.6	1950	1960	1420	1360	73	70	45-130	4	28		
1,2-Dichlorobenzene	ug/kg	<246	1950	1960	1240	1320	63	68	45-130	7	29		
1,3-Dichlorobenzene	ug/kg	<108	1950	1960	1110	1220	57	62	42-130	10	30		
1,4-Dichlorobenzene	ug/kg	<109	1950	1960	1200	1350	61	69	42-130	12	32		
2,2'-Oxybis(1-chloropropane)	ug/kg	<202	1950	1960	1220	1230	63	63	44-130	1	26		
2,4,5-Trichlorophenol	ug/kg	<138	1950	1960	1430	1370	73	70	11-125	4	30		
2,4,6-Trichlorophenol	ug/kg	<119	1950	1960	1400	1490	72	76	16-124	6	31		
2,4-Dichlorophenol	ug/kg	<209	1950	1960	1420	1410	73	72	19-121	1	29		
2,4-Dimethylphenol	ug/kg	<155	1950	1960	1370	1320	70	68	29-130	4	32		
2,4-Dinitrophenol	ug/kg	<616	1950	1960	<615	<616	0	0	10-103		50	M1	
2,4-Dinitrotoluene	ug/kg	<112	1950	1960	1500	1390	77	71	38-130	8	27		
2,6-Dinitrotoluene	ug/kg	<149	1950	1960	1450	1560	74	80	41-130	7	28		
2-Chloronaphthalene	ug/kg	<101	1950	1960	1470	1420	75	73	44-130	4	24		
2-Chlorophenol	ug/kg	<196	1950	1960	1320	1250	67	64	33-130	5	30		
2-Methylnaphthalene	ug/kg	<203	1950	1960	1380	1440	71	74	46-130	4	23		
2-Methylphenol(o-Cresol)	ug/kg	<142	1950	1960	1430	1330	73	68	30-130	8	30		
2-Nitroaniline	ug/kg	<223	1950	1960	1470	1280	75	65	27-124	14	25		
2-Nitrophenol	ug/kg	<247	1950	1960	1320	1350	68	69	10-130	2	27		
3&4-Methylphenol(m&p Cresol)	ug/kg	<144	1950	1960	1300	1290	67	66	28-130	1	33		
3,3'-Dichlorobenzidine	ug/kg	<213	1950	1960	1770	1720	91	88	10-112	3	43		
3-Nitroaniline	ug/kg	<133	1950	1960	1250	1260	64	64	10-121	0	33		
4,6-Dinitro-2-methylphenol	ug/kg	<241	1950	1960	1250	1270	64	65	10-115	1	50		
4-Bromophenylphenyl ether	ug/kg	<164	1950	1960	1450	1420	74	73	40-130	2	25		
4-Chloro-3-methylphenol	ug/kg	<244	1950	1960	1360	1310	70	67	30-130	4	29		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2412254												2412255											
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual										
		40246502001	Spike Conc.	Spike Conc.	Result	Result	MS	MSD	% Rec					% Rec									
4-Chloroaniline	ug/kg	<129	1950	1960	1130	1160	58	60	16-130	3	33	1q,4q											
4-Chlorophenylphenyl ether	ug/kg	<146	1950	1960	1620	1620	83	83	46-130	0	24												
4-Nitroaniline	ug/kg	<325	1950	1960	1160	1020	60	52	10-127	13	40												
4-Nitrophenol	ug/kg	<197	1950	1960	649J	368J	33	19	10-128		50												
Acenaphthene	ug/kg	<278	1950	1960	1410	1480	68	72	47-130	5	21												
Acenaphthylene	ug/kg	<279	1950	1960	1430	1470	73	75	49-130	3	22												
Anthracene	ug/kg	130J	1950	1960	1360	1420	63	66	46-130	5	27												
Benzo(a)anthracene	ug/kg	323J	1950	1960	1740	2330	72	103	45-130	29	24	R1											
Benzo(a)pyrene	ug/kg	303J	1950	1960	1590	1910	66	82	48-130	18	27												
Benzo(b)fluoranthene	ug/kg	377J	1950	1960	1640	2110	65	89	41-130	25	31												
Benzo(g,h,i)perylene	ug/kg	248J	1950	1960	1800	1960	79	88	37-130	9	31												
Benzo(k)fluoranthene	ug/kg	<188	1950	1960	1540	1690	72	80	46-130	10	27												
bis(2-Chloroethoxy)methane	ug/kg	<211	1950	1960	1180	1190	60	61	38-130	1	26												
bis(2-Chloroethyl) ether	ug/kg	<245	1950	1960	1050	1180	54	60	42-130	12	29												
bis(2-Ethylhexyl)phthalate	ug/kg	<267	1950	1960	2050	1950	105	100	39-130	5	27												
Butylbenzylphthalate	ug/kg	<326	1950	1960	1690	1630	86	84	39-130	3	27												
Carbazole	ug/kg	<123	1950	1960	1440	1450	70	70	44-130	0	24												
Chrysene	ug/kg	397J	1950	1960	1900	2180	77	91	44-130	14	25												
Di-n-butylphthalate	ug/kg	<117	1950	1960	1520	1440	78	74	45-130	5	26												
Di-n-octylphthalate	ug/kg	<176	1950	1960	2120	2080	108	106	40-134	2	27												
Dibenz(a,h)anthracene	ug/kg	<213	1950	1960	1580	1720	78	85	41-130	8	33												
Dibenzofuran	ug/kg	<94.8	1950	1960	1630	1560	81	78	47-130	4	23												
Diethylphthalate	ug/kg	<130	1950	1960	1510	1530	77	78	46-130	1	24												
Dimethylphthalate	ug/kg	<102	1950	1960	1510	1470	78	75	47-130	3	24												
Fluoranthene	ug/kg	937	1950	1960	1970	2770	53	94	50-130	34	27	R1											
Fluorene	ug/kg	<91.6	1950	1960	1470	1510	71	73	48-130	3	25												
Hexachloro-1,3-butadiene	ug/kg	<200	1950	1960	1480	1600	76	82	42-130	8	27												
Hexachlorobenzene	ug/kg	<132	1950	1960	1470	1420	75	73	51-130	3	24												
Hexachlorocyclopentadiene	ug/kg	<185	1950	1960	615J	475J	31	24	10-114		50												
Hexachloroethane	ug/kg	<125	1950	1960	1190	1190	61	61	33-130	0	35												
Indeno(1,2,3-cd)pyrene	ug/kg	283J	1950	1960	1770	2010	76	88	34-130	13	38												
Isophorone	ug/kg	<120	1950	1960	1290	1320	66	68	45-130	2	28												
N-Nitroso-di-n-propylamine	ug/kg	<124	1950	1960	1300	1110	67	57	47-130	16	27												
N-Nitrosodiphenylamine	ug/kg	<206	1950	1960	1380	1310	70	67	42-130	5	25												
Naphthalene	ug/kg	<274	1950	1960	1370	1450	70	74	48-130	5	24												
Nitrobenzene	ug/kg	<159	1950	1960	1270	1350	65	69	42-130	6	25												
Pentachlorophenol	ug/kg	<173	1950	1960	816	738J	42	38	10-108		50												
Phenanthrene	ug/kg	565J	1950	1960	1720	1800	59	63	50-130	5	27												
Phenol	ug/kg	<186	1950	1960	1160	1270	59	65	37-130	9	30	D3											
Pyrene	ug/kg	752J	1950	1960	1880	2580	58	93	43-130	31	29	R1											
2,4,6-Tribromophenol (S)	%						85	83	10-144														
2-Fluorobiphenyl (S)	%						73	76	12-118														
2-Fluorophenol (S)	%						57	58	10-130														
Nitrobenzene-d5 (S)	%						68	67	10-125														
Phenol-d6 (S)	%						61	60	10-125														

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2412254												2412255	
Parameter	Units	40246502001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Terphenyl-d14 (S)	%						83	82	10-124				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 419187 Analysis Method: EPA 8270E  
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376011, 40246376012

METHOD BLANK: 2413892 Matrix: Solid

Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<18.9	167	06/23/22 13:38	
1,2-Dichlorobenzene	ug/kg	<52.6	167	06/23/22 13:38	
1,3-Dichlorobenzene	ug/kg	<23.1	167	06/23/22 13:38	
1,4-Dichlorobenzene	ug/kg	<23.3	167	06/23/22 13:38	
2,2'-Oxybis(1-chloropropane)	ug/kg	<43.1	167	06/23/22 13:38	
2,4,5-Trichlorophenol	ug/kg	<29.5	167	06/23/22 13:38	
2,4,6-Trichlorophenol	ug/kg	<25.5	167	06/23/22 13:38	
2,4-Dichlorophenol	ug/kg	<44.7	167	06/23/22 13:38	
2,4-Dimethylphenol	ug/kg	<33.1	167	06/23/22 13:38	
2,4-Dinitrophenol	ug/kg	<131	330	06/23/22 13:38	
2,4-Dinitrotoluene	ug/kg	<23.9	167	06/23/22 13:38	
2,6-Dinitrotoluene	ug/kg	<31.7	167	06/23/22 13:38	
2-Chloronaphthalene	ug/kg	<21.5	167	06/23/22 13:38	
2-Chlorophenol	ug/kg	<41.7	167	06/23/22 13:38	
2-Methylnaphthalene	ug/kg	<43.4	167	06/23/22 13:38	
2-Methylphenol(o-Cresol)	ug/kg	<30.4	167	06/23/22 13:38	
2-Nitroaniline	ug/kg	<47.6	167	06/23/22 13:38	
2-Nitrophenol	ug/kg	<52.8	167	06/23/22 13:38	
3&4-Methylphenol(m&p Cresol)	ug/kg	<30.6	167	06/23/22 13:38	
3,3'-Dichlorobenzidine	ug/kg	<45.3	167	06/23/22 13:38	
3-Nitroaniline	ug/kg	<28.4	167	06/23/22 13:38	
4,6-Dinitro-2-methylphenol	ug/kg	<51.5	167	06/23/22 13:38	
4-Bromophenylphenyl ether	ug/kg	<35.0	167	06/23/22 13:38	
4-Chloro-3-methylphenol	ug/kg	<52.0	167	06/23/22 13:38	
4-Chloroaniline	ug/kg	<27.5	167	06/23/22 13:38	4q
4-Chlorophenylphenyl ether	ug/kg	<31.1	167	06/23/22 13:38	
4-Nitroaniline	ug/kg	<69.4	167	06/23/22 13:38	
4-Nitrophenol	ug/kg	<42.1	167	06/23/22 13:38	
Acenaphthene	ug/kg	<59.3	167	06/23/22 13:38	
Acenaphthylene	ug/kg	<59.6	167	06/23/22 13:38	
Anthracene	ug/kg	<26.7	167	06/23/22 13:38	
Benzo(a)anthracene	ug/kg	<25.9	167	06/23/22 13:38	
Benzo(a)pyrene	ug/kg	<25.1	167	06/23/22 13:38	
Benzo(b)fluoranthene	ug/kg	<28.7	167	06/23/22 13:38	
Benzo(g,h,i)perylene	ug/kg	<43.7	167	06/23/22 13:38	
Benzo(k)fluoranthene	ug/kg	<40.0	167	06/23/22 13:38	
bis(2-Chloroethoxy)methane	ug/kg	<45.0	167	06/23/22 13:38	
bis(2-Chloroethyl) ether	ug/kg	<52.2	167	06/23/22 13:38	
bis(2-Ethylhexyl)phthalate	ug/kg	<57.1	167	06/23/22 13:38	
Butylbenzylphthalate	ug/kg	<69.6	167	06/23/22 13:38	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2413892 Matrix: Solid

Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/kg	<26.2	167	06/23/22 13:38	
Chrysene	ug/kg	<25.0	167	06/23/22 13:38	
Di-n-butylphthalate	ug/kg	<25.0	167	06/23/22 13:38	
Di-n-octylphthalate	ug/kg	<37.6	167	06/23/22 13:38	
Dibenz(a,h)anthracene	ug/kg	<45.4	167	06/23/22 13:38	
Dibenzofuran	ug/kg	<20.2	167	06/23/22 13:38	
Diethylphthalate	ug/kg	<27.7	167	06/23/22 13:38	
Dimethylphthalate	ug/kg	<21.7	167	06/23/22 13:38	
Fluoranthene	ug/kg	<23.7	167	06/23/22 13:38	
Fluorene	ug/kg	<19.5	167	06/23/22 13:38	
Hexachloro-1,3-butadiene	ug/kg	<42.6	167	06/23/22 13:38	
Hexachlorobenzene	ug/kg	<28.1	167	06/23/22 13:38	
Hexachlorocyclopentadiene	ug/kg	<39.6	167	06/23/22 13:38	
Hexachloroethane	ug/kg	<26.7	167	06/23/22 13:38	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.2	167	06/23/22 13:38	
Isophorone	ug/kg	<25.7	167	06/23/22 13:38	
N-Nitroso-di-n-propylamine	ug/kg	<26.5	167	06/23/22 13:38	
N-Nitrosodiphenylamine	ug/kg	<44.0	167	06/23/22 13:38	
Naphthalene	ug/kg	<58.4	167	06/23/22 13:38	
Nitrobenzene	ug/kg	<33.9	167	06/23/22 13:38	
Pentachlorophenol	ug/kg	<36.8	167	06/23/22 13:38	
Phenanthrene	ug/kg	<21.4	167	06/23/22 13:38	
Phenol	ug/kg	<39.7	167	06/23/22 13:38	
Pyrene	ug/kg	<37.0	167	06/23/22 13:38	
2,4,6-Tribromophenol (S)	%	99	10-144	06/23/22 13:38	
2-Fluorobiphenyl (S)	%	90	12-118	06/23/22 13:38	
2-Fluorophenol (S)	%	86	10-130	06/23/22 13:38	
Nitrobenzene-d5 (S)	%	84	10-125	06/23/22 13:38	
Phenol-d6 (S)	%	81	10-125	06/23/22 13:38	
Terphenyl-d14 (S)	%	101	10-124	06/23/22 13:38	

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1600	96	70-130	
1,2-Dichlorobenzene	ug/kg	1670	1370	82	66-130	
1,3-Dichlorobenzene	ug/kg	1670	1380	83	66-130	
1,4-Dichlorobenzene	ug/kg	1670	1400	84	64-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1290	77	65-130	
2,4,5-Trichlorophenol	ug/kg	1670	1700	102	70-125	
2,4,6-Trichlorophenol	ug/kg	1670	1730	104	70-124	
2,4-Dichlorophenol	ug/kg	1670	1610	97	70-121	
2,4-Dimethylphenol	ug/kg	1670	1460	88	70-130	
2,4-Dinitrophenol	ug/kg	1670	1160	70	26-103	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1900	114	70-130	
2,6-Dinitrotoluene	ug/kg	1670	1840	111	70-130	
2-Chloronaphthalene	ug/kg	1670	1560	93	70-130	
2-Chlorophenol	ug/kg	1670	1430	86	67-130	
2-Methylnaphthalene	ug/kg	1670	1520	91	70-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1530	92	69-130	
2-Nitroaniline	ug/kg	1670	1520	91	70-124	
2-Nitrophenol	ug/kg	1670	1800	108	70-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1450	87	70-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1840	110	48-112	
3-Nitroaniline	ug/kg	1670	1620	97	57-121	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1480	89	59-115	
4-Bromophenylphenyl ether	ug/kg	1670	1520	91	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1570	94	70-130	
4-Chloroaniline	ug/kg	1670	1410	85	45-130	4q
4-Chlorophenylphenyl ether	ug/kg	1670	1700	102	70-130	
4-Nitroaniline	ug/kg	1670	1600	96	62-127	
4-Nitrophenol	ug/kg	1670	1330	80	50-126	
Acenaphthene	ug/kg	1670	1500	90	70-130	
Acenaphthylene	ug/kg	1670	1550	93	70-130	
Anthracene	ug/kg	1670	1350	81	70-130	
Benzo(a)anthracene	ug/kg	1670	1700	102	70-130	
Benzo(a)pyrene	ug/kg	1670	1610	97	70-130	
Benzo(b)fluoranthene	ug/kg	1670	1570	94	70-130	
Benzo(g,h,i)perylene	ug/kg	1670	1600	96	65-130	
Benzo(k)fluoranthene	ug/kg	1670	1550	93	70-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1370	82	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1260	75	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1590	96	70-130	
Butylbenzylphthalate	ug/kg	1670	1730	104	70-130	
Carbazole	ug/kg	1670	1600	96	70-130	
Chrysene	ug/kg	1670	1690	101	70-130	
Di-n-butylphthalate	ug/kg	1670	1570	94	70-130	
Di-n-octylphthalate	ug/kg	1670	1720	103	67-134	
Dibenz(a,h)anthracene	ug/kg	1670	1810	109	68-130	
Dibenzofuran	ug/kg	1670	1640	98	70-130	
Diethylphthalate	ug/kg	1670	1560	94	70-130	
Dimethylphthalate	ug/kg	1670	1550	93	70-130	
Fluoranthene	ug/kg	1670	1610	97	70-130	
Fluorene	ug/kg	1670	1500	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1720	103	67-130	
Hexachlorobenzene	ug/kg	1670	1580	95	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1510	91	54-114	
Hexachloroethane	ug/kg	1670	1280	77	64-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1760	105	63-130	
Isophorone	ug/kg	1670	1470	88	70-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1390	84	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg	1670	1520	91	70-130	
Naphthalene	ug/kg	1670	1510	90	70-130	
Nitrobenzene	ug/kg	1670	1440	87	70-130	
Pentachlorophenol	ug/kg	1670	1360	82	47-108	
Phenanthrene	ug/kg	1670	1440	86	70-130	
Phenol	ug/kg	1670	1380	83	67-130	
Pyrene	ug/kg	1670	1550	93	70-130	
2,4,6-Tribromophenol (S)	%			121	10-144	
2-Fluorobiphenyl (S)	%			100	12-118	
2-Fluorophenol (S)	%			83	10-130	
Nitrobenzene-d5 (S)	%			89	10-125	
Phenol-d6 (S)	%			81	10-125	
Terphenyl-d14 (S)	%			102	10-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2413894 2413895

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246376011 Result	Spike Conc.	Spike Conc.	Conc.								
1,2,4-Trichlorobenzene	ug/kg	<219	1940	1940	1940	1450J	1370J	75	71	45-130		28	
1,2-Dichlorobenzene	ug/kg	<610	1940	1940	1940	1390J	1330J	72	69	45-130		29	
1,3-Dichlorobenzene	ug/kg	<268	1940	1940	1940	1450J	1280J	75	66	42-130		30	
1,4-Dichlorobenzene	ug/kg	<270	1940	1940	1940	1290J	1380J	67	71	42-130		32	
2,2'-Oxybis(1-chloropropane)	ug/kg	<500	1940	1940	1940	1290J	1240J	67	64	44-130		26	
2,4,5-Trichlorophenol	ug/kg	<342	1940	1940	1940	1120J	1150J	58	59	11-125		30	
2,4,6-Trichlorophenol	ug/kg	<296	1940	1940	1940	1150J	1240J	59	64	16-124		31	
2,4-Dichlorophenol	ug/kg	<518	1940	1940	1940	986J	1210J	51	62	19-121		29	
2,4-Dimethylphenol	ug/kg	<383	1940	1940	1940	1390J	1100J	72	57	29-130		32	
2,4-Dinitrophenol	ug/kg	<1520	1940	1940	1940	<1530	<1520	0	0	10-103		50 M1	
2,4-Dinitrotoluene	ug/kg	<277	1940	1940	1940	1440J	983J	74	51	38-130		27	
2,6-Dinitrotoluene	ug/kg	<368	1940	1940	1940	1420J	1420J	73	73	41-130		28	
2-Chloronaphthalene	ug/kg	<249	1940	1940	1940	1230J	1210J	63	63	44-130		24	
2-Chlorophenol	ug/kg	<484	1940	1940	1940	1060J	1110J	55	57	33-130		30	
2-Methylnaphthalene	ug/kg	563J	1940	1940	1940	1730J	1580J	60	52	46-130		23	
2-Methylphenol(o-Cresol)	ug/kg	<352	1940	1940	1940	1410J	1240J	73	64	30-130		30	
2-Nitroaniline	ug/kg	<552	1940	1940	1940	888J	938J	46	48	27-124		25	
2-Nitrophenol	ug/kg	<612	1940	1940	1940	1130J	1400J	58	72	10-130		27	
3&4-Methylphenol(m&p Cresol)	ug/kg	<355	1940	1940	1940	1180J	1090J	61	56	28-130		33	
3,3'-Dichlorobenzidine	ug/kg	<526	1940	1940	1940	1210J	1400J	63	72	10-112		43 CU	
3-Nitroaniline	ug/kg	<330	1940	1940	1940	835J	1110J	43	57	10-121		33	
4,6-Dinitro-2-methylphenol	ug/kg	<598	1940	1940	1940	<598	1890J	0	98	10-115		50 M1	
4-Bromophenylphenyl ether	ug/kg	<406	1940	1940	1940	1410J	1210J	73	62	40-130		25	
4-Chloro-3-methylphenol	ug/kg	<603	1940	1940	1940	1210J	1260J	62	65	30-130		29	
4-Chloroaniline	ug/kg	<319	1940	1940	1940	838J	1020J	43	53	16-130		33 4q	
4-Chlorophenylphenyl ether	ug/kg	<361	1940	1940	1940	1500J	1400J	77	72	46-130		24	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2413894			2413895							
Parameter	Units	MS		MSD		MS	MSD	MS	MSD	% Rec	Limits	Max
		40246376011	Spike	Spike	Result							
4-Nitroaniline	ug/kg	<805	1940	1940	1010J	904J	52	47	10-127		40	
4-Nitrophenol	ug/kg	<488	1940	1940	<489	<488	0	0	10-128		50	M1
Acenaphthene	ug/kg	<688	1940	1940	1860J	1780J	71	67	47-130		21	
Acenaphthylene	ug/kg	<692	1940	1940	1320J	1300J	68	67	49-130		22	
Anthracene	ug/kg	871J	1940	1940	2460	2260	82	72	46-130	8	27	
Benzo(a)anthracene	ug/kg	2260	1940	1940	4680	4690	125	125	45-130	0	24	
Benzo(a)pyrene	ug/kg	1900J	1940	1940	4160	4500	117	134	48-130	8	27	M1
Benzo(b)fluoranthene	ug/kg	2420	1940	1940	5030	5580	135	163	41-130	10	31	M1
Benzo(g,h,i)perylene	ug/kg	1450J	1940	1940	3490	3790	105	121	37-130	8	31	
Benzo(k)fluoranthene	ug/kg	952J	1940	1940	2560	3090	83	110	46-130	19	27	
bis(2-Chloroethoxy)methane	ug/kg	<522	1940	1940	1040J	1010J	54	52	38-130		26	
bis(2-Chloroethyl) ether	ug/kg	<605	1940	1940	904J	1080J	47	56	42-130		29	
bis(2-Ethylhexyl)phthalate	ug/kg	<662	1940	1940	3140	3000	162	155	39-130	4	27	M1
Butylbenzylphthalate	ug/kg	<807	1940	1940	1440J	1450J	74	75	39-130		27	
Carbazole	ug/kg	504J	1940	1940	2110	2170	83	86	44-130	3	24	
Chrysene	ug/kg	2350	1940	1940	5200	5000	147	137	44-130	4	25	M1
Di-n-butylphthalate	ug/kg	<290	1940	1940	1370J	1440J	71	75	45-130		26	
Di-n-octylphthalate	ug/kg	<436	1940	1940	2940	2780	152	144	40-134	6	27	M1
Dibenz(a,h)anthracene	ug/kg	<527	1940	1940	1790J	2180	76	97	41-130		33	
Dibenzofuran	ug/kg	268J	1940	1940	1720J	1660J	75	72	47-130		23	
Diethylphthalate	ug/kg	<321	1940	1940	1370J	1430J	71	74	46-130		24	
Dimethylphthalate	ug/kg	<252	1940	1940	1270J	1320J	65	68	47-130		24	
Fluoranthene	ug/kg	5670	1940	1940	10400	9810	245	214	50-130	6	27	M1
Fluorene	ug/kg	455J	1940	1940	2130	1960	86	78	48-130	8	25	
Hexachloro-1,3-butadiene	ug/kg	<494	1940	1940	1530J	1480J	79	76	42-130		27	
Hexachlorobenzene	ug/kg	<326	1940	1940	1380J	1280J	71	66	51-130		24	
Hexachlorocyclopentadiene	ug/kg	<459	1940	1940	<459	<459	0	1	10-114		50	M1
Hexachloroethane	ug/kg	<310	1940	1940	1290J	1240J	66	64	33-130		35	
Indeno(1,2,3-cd)pyrene	ug/kg	1500J	1940	1940	4190	4390	139	149	34-130	5	38	M1
Isophorone	ug/kg	<298	1940	1940	1200J	1240J	62	64	45-130		28	
N-Nitroso-di-n-propylamine	ug/kg	<307	1940	1940	1060J	1050J	55	54	47-130		27	
N-Nitrosodiphenylamine	ug/kg	<511	1940	1940	1190J	1370J	61	71	42-130		25	
Naphthalene	ug/kg	<678	1940	1940	1880J	1640J	72	60	48-130		24	
Nitrobenzene	ug/kg	<393	1940	1940	914J	1070J	47	55	42-130		25	
Pentachlorophenol	ug/kg	<427	1940	1940	<428	<427	16	11	10-108		50	
Phenanthrene	ug/kg	3780	1940	1940	7710	6720	202	152	50-130	14	27	M1
Phenol	ug/kg	<460	1940	1940	1030J	1040J	53	54	37-130		30	
Pyrene	ug/kg	4210	1940	1940	8410	7750	217	183	43-130	8	29	M1
2,4,6-Tribromophenol (S)	%						65	77	10-144			
2-Fluorobiphenyl (S)	%						72	65	12-118			
2-Fluorophenol (S)	%						57	45	10-130			
Nitrobenzene-d5 (S)	%						60	59	10-125			
Phenol-d6 (S)	%						50	52	10-125			
Terphenyl-d14 (S)	%						68	70	10-124			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 743418 Analysis Method: EPA 537 Modified  
QC Batch Method: METHOD Analysis Description: PFAS 537 Mod Analysis Solid  
Laboratory: Pace Analytical Gulf Coast  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2359743 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4:2 FTS	ug/kg	<0.050	1.00	06/20/22 15:43	
6:2 Fluorotelomer sulfonate	ug/kg	<0.060	1.00	06/20/22 15:43	
8:2 FTS	ug/kg	<0.030	1.00	06/20/22 15:43	
9Cl-PF3ONS	ug/kg	<0.030	1.00	06/20/22 15:43	
11Cl-PF3OUdS	ug/kg	<0.020	1.00	06/20/22 15:43	
ADONA	ug/kg	<0.010	1.00	06/20/22 15:43	
Perfluorooctanesulfonamide	ug/kg	<0.020	1.00	06/20/22 15:43	
HFPO-DA	ug/kg	<0.140	2.00	06/20/22 15:43	
NEtFOSA	ug/kg	<0.040	1.00	06/20/22 15:43	
NEtFOSAA	ug/kg	<0.030	1.00	06/20/22 15:43	
NEtFOSE	ug/kg	<0.030	1.00	06/20/22 15:43	
NMeFOSA	ug/kg	<0.040	1.00	06/20/22 15:43	
NMeFOSAA	ug/kg	<0.020	1.00	06/20/22 15:43	
NMeFOSE	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorobutanoic acid	ug/kg	<0.040	1.00	06/20/22 15:43	
Perfluorobutanesulfonic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorodecanoic acid (S)	ug/kg	<0.040	1.00	06/20/22 15:43	
Perfluorododecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFDoS	ug/kg	<0.030	1.00	06/20/22 15:43	
PFDS	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluoroheptanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFHpS	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorohexanoic acid (S)	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorohexanesulfonic acid	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorononanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFNS	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorooctanoic acid	ug/kg	<0.080	1.00	06/20/22 15:43	
Perfluorooctanesulfonic acid	ug/kg	<0.050	1.00	06/20/22 15:43	
Perfluoropentanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFPeS	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorotetradecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorotridecanoic acid	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluoroundecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
d-NEtFOSA	%	43	50-150	06/20/22 15:43	MSSV12.3
d-NMeFOSA	%	45	50-150	06/20/22 15:43	MSSV12.3
d3-NMeFOSAA	%	87	50-150	06/20/22 15:43	
d5-NEtFOSAA	%	88	50-150	06/20/22 15:43	
d7-NMeFOSE	%	74	50-150	06/20/22 15:43	
d9-NEtFOSE	%	66	50-150	06/20/22 15:43	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

METHOD BLANK: 2359743

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
M2 4:2 FTS	%	94	50-150	06/20/22 15:43	
M2 6:2 FTS	%	89	50-150	06/20/22 15:43	
M2 8:2 FTS	%	103	50-150	06/20/22 15:43	
M2PFHxDA	%	96	50-150	06/20/22 15:43	
M2PFTeDA	%	93	50-150	06/20/22 15:43	
M3HFPODA	%	101	50-150	06/20/22 15:43	
M3PFBS	%	96	50-150	06/20/22 15:43	
M3PFHxS	%	94	50-150	06/20/22 15:43	
M4PFHpA	%	92	50-150	06/20/22 15:43	
M5PFHxA	%	94	50-150	06/20/22 15:43	
M5PFPeA	%	96	50-150	06/20/22 15:43	
M6PFDA	%	100	50-150	06/20/22 15:43	
M7PFUdA	%	94	50-150	06/20/22 15:43	
M8FOSA	%	81	50-150	06/20/22 15:43	
M8PFOA	%	96	50-150	06/20/22 15:43	
M8PFOS	%	95	50-150	06/20/22 15:43	
M9PFNA	%	97	50-150	06/20/22 15:43	
MPFBA	%	97	50-150	06/20/22 15:43	
MPFD <sub>o</sub> A	%	85	50-150	06/20/22 15:43	

LABORATORY CONTROL SAMPLE: 2360082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4:2 FTS	ug/kg	0.937	1.04	110	70-130	
6:2 Fluorotelomer sulfonate	ug/kg	0.951	1.06	112	70-130	
8:2 FTS	ug/kg	0.96	1.12	117	70-130	
9Cl-PF3ONS	ug/kg	0.933	0.905J	97	70-130	
11Cl-PF3OUdS	ug/kg	0.943	0.896J	95	70-130	
ADONA	ug/kg	0.945	0.917J	97	70-130	
Perfluorooctanesulfonamide	ug/kg	1	1.05	105	70-130	
HFPO-DA	ug/kg	2	1.96J	98	70-130	
NEtFOSA	ug/kg	1	0.959J	96	70-130	
NEtFOSAA	ug/kg	1	1.05	105	70-130	
NEtFOSE	ug/kg	1	0.998J	100	70-130	
NMeFOSA	ug/kg	1	0.967J	97	70-130	
NMeFOSAA	ug/kg	1	1.05	105	70-130	
NMeFOSE	ug/kg	1	1.06	106	70-130	
Perfluorobutanoic acid	ug/kg	1	1.05	105	70-130	
Perfluorobutanesulfonic acid	ug/kg	0.887	0.928J	105	70-130	
Perfluorodecanoic acid (S)	ug/kg	1	0.975J	98	70-130	
Perfluorododecanoic acid	ug/kg	1	1.08	108	70-130	
PFDoS	ug/kg	0.97	0.861J	89	70-130	
PFDS	ug/kg	0.965	0.911J	94	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2360082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Perfluoroheptanoic acid	ug/kg	1	1.03	103	70-130	
PFHpS	ug/kg	0.953	0.977J	102	70-130	
Perfluorohexanoic acid (S)	ug/kg	1	1.02	102	70-130	
Perfluorohexanesulfonic acid	ug/kg	0.914	0.938J	103	70-130	
Perfluorononanoic acid	ug/kg	1	1.00	100	70-130	
PFNS	ug/kg	0.962	0.954J	99	70-130	
Perfluorooctanoic acid	ug/kg	1	0.979J	98	70-130	
Perfluorooctanesulfonic acid	ug/kg	0.928	0.953J	103	70-130	
Perfluoropentanoic acid	ug/kg	1	1.04	104	70-130	
PFPeS	ug/kg	0.941	0.987J	105	70-130	
Perfluorotetradecanoic acid	ug/kg	1	1.02	102	70-130	
Perfluorotridecanoic acid	ug/kg	1	1.10	110	70-130	
Perfluoroundecanoic acid	ug/kg	1	1.05	105	70-130	
d-NEtFOSA	%			88	50-150	
d-NMeFOSA	%			92	50-150	
d3-NMeFOSAA	%			82	50-150	
d5-NEtFOSAA	%			88	50-150	
d7-NMeFOSE	%			78	50-150	
d9-NEtFOSE	%			80	50-150	
M2 4:2 FTS	%			90	50-150	
M2 6:2 FTS	%			89	50-150	
M2 8:2 FTS	%			95	50-150	
M2PFHxDA	%			96	50-150	
M2PFTeDA	%			93	50-150	
M3HFPODA	%			104	50-150	
M3PFBS	%			95	50-150	
M3PFHxS	%			96	50-150	
M4PFHpA	%			92	50-150	
M5PFHxA	%			96	50-150	
M5PFPeA	%			97	50-150	
M6PFDA	%			100	50-150	
M7PFUdA	%			94	50-150	
M8FOSA	%			84	50-150	
M8PFOA	%			100	50-150	
M8PFOS	%			99	50-150	
M9PFNA	%			102	50-150	
MPFBA	%			97	50-150	
MPFDoA	%			87	50-150	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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QC Batch:	418456	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007

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SAMPLE DUPLICATE: 2409914

Parameter	Units	40246159001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.3	9.5	2	10	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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QC Batch:	418854	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

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SAMPLE DUPLICATE: 2412041

Parameter	Units	40246376012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.0	26.2	3	10	

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

### 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.

### ANALYTE QUALIFIERS

- 1q This analyte's recovery was below secondary source verification limits. The results may be biased low.
- 2q Analyte was detected in the associated leach blank at a concentration of 0.0033 mg/L.
- 3q Analyte was detected in the associated leach blank at a concentration of 0.012 mg/L.
- 4q This analyte's recovery was below secondary source verification limits. The results may be biased low.
- CU The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
- 
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
- 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.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148802 (SP-2).

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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### ANALYTE QUALIFIERS

- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148804 (SP-4).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148809 (SP-9).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148810 (SP-10).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148811 (SP-11).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148812 (SP-12).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 2359743 (MB for HBN 743418 [LCMS/5951]). The recovery is greater than 10%.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148804 (SP-4).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148809 (SP-9).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148810 (SP-10).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148811 (SP-11).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148812 (SP-12).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 2359743 (MB for HBN 743418 [LCMS/5951]). The recovery is greater than 10%.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148808 (SP-8).

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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### ANALYTE QUALIFIERS

- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148808 (SP-8).
- P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
- R1 RPD value was outside control limits.
- S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376001	SP-1	EPA 3541	418285	EPA 8082A	418286
40246376002	SP-2	EPA 3541	418285	EPA 8082A	418286
40246376003	SP-3	EPA 3541	418285	EPA 8082A	418286
40246376004	SP-4	EPA 3541	418285	EPA 8082A	418286
40246376005	SP-5	EPA 3541	418285	EPA 8082A	418286
40246376006	SP-6	EPA 3541	418443	EPA 8082A	418451
40246376007	SP-7	EPA 3541	418443	EPA 8082A	418451
40246376008	SP-8	EPA 3541	418443	EPA 8082A	418451
40246376009	SP-9	EPA 3541	418443	EPA 8082A	418451
40246376010	SP-10	EPA 3541	418443	EPA 8082A	418451
40246376011	SP-11	EPA 3541	418443	EPA 8082A	418451
40246376012	SP-12	EPA 3541	418443	EPA 8082A	418451
40246376001	SP-1	EPA 3050B	418121	EPA 6010D	418299
40246376002	SP-2	EPA 3050B	418121	EPA 6010D	418299
40246376003	SP-3	EPA 3050B	418121	EPA 6010D	418299
40246376004	SP-4	EPA 3050B	418121	EPA 6010D	418299
40246376005	SP-5	EPA 3050B	418121	EPA 6010D	418299
40246376006	SP-6	EPA 3050B	418121	EPA 6010D	418299
40246376007	SP-7	EPA 3050B	418125	EPA 6010D	418273
40246376008	SP-8	EPA 3050B	418125	EPA 6010D	418273
40246376009	SP-9	EPA 3050B	418125	EPA 6010D	418273
40246376010	SP-10	EPA 3050B	418125	EPA 6010D	418273
40246376011	SP-11	EPA 3050B	418125	EPA 6010D	418273
40246376012	SP-12	EPA 3050B	418125	EPA 6010D	418273
40246376001	SP-1	EPA 3015A	419821	EPA 6010D	419846
40246376002	SP-2	EPA 3015A	419821	EPA 6010D	419846
40246376003	SP-3	EPA 3015A	419821	EPA 6010D	419846
40246376004	SP-4	EPA 3015A	419821	EPA 6010D	419846
40246376005	SP-5	EPA 3015A	419821	EPA 6010D	419846
40246376006	SP-6	EPA 3015A	419821	EPA 6010D	419846
40246376007	SP-7	EPA 3015A	419821	EPA 6010D	419846
40246376008	SP-8	EPA 3015A	419821	EPA 6010D	419846
40246376009	SP-9	EPA 3015A	419821	EPA 6010D	419846
40246376010	SP-10	EPA 3015A	419821	EPA 6010D	419846
40246376011	SP-11	EPA 3015A	419821	EPA 6010D	419846
40246376012	SP-12	EPA 3015A	419821	EPA 6010D	419846
40246376001	SP-1	EPA 7470	420250	EPA 7470	420283
40246376002	SP-2	EPA 7470	420250	EPA 7470	420283
40246376003	SP-3	EPA 7470	420250	EPA 7470	420283
40246376004	SP-4	EPA 7470	420250	EPA 7470	420283
40246376005	SP-5	EPA 7470	420250	EPA 7470	420283
40246376006	SP-6	EPA 7470	420250	EPA 7470	420283
40246376007	SP-7	EPA 7470	420250	EPA 7470	420283
40246376008	SP-8	EPA 7470	420250	EPA 7470	420283
40246376009	SP-9	EPA 7470	420250	EPA 7470	420283
40246376010	SP-10	EPA 7470	420250	EPA 7470	420283

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376011	SP-11	EPA 7470	420250	EPA 7470	420283
40246376012	SP-12	EPA 7470	420250	EPA 7470	420283
40246376001	SP-1	EPA 7471	418735	EPA 7471	418954
40246376002	SP-2	EPA 7471	418735	EPA 7471	418954
40246376003	SP-3	EPA 7471	418735	EPA 7471	418954
40246376004	SP-4	EPA 7471	418735	EPA 7471	418954
40246376005	SP-5	EPA 7471	418736	EPA 7471	418955
40246376006	SP-6	EPA 7471	418736	EPA 7471	418955
40246376007	SP-7	EPA 7471	418736	EPA 7471	418955
40246376008	SP-8	EPA 7471	418736	EPA 7471	418955
40246376009	SP-9	EPA 7471	418736	EPA 7471	418955
40246376010	SP-10	EPA 7471	418736	EPA 7471	418955
40246376011	SP-11	EPA 7471	418736	EPA 7471	418955
40246376012	SP-12	EPA 7471	418736	EPA 7471	418955
40246376001	SP-1	EPA 3546	418886	EPA 8270E	418966
40246376002	SP-2	EPA 3546	418886	EPA 8270E	418966
40246376003	SP-3	EPA 3546	418886	EPA 8270E	418966
40246376004	SP-4	EPA 3546	418886	EPA 8270E	418966
40246376005	SP-5	EPA 3546	418886	EPA 8270E	418966
40246376006	SP-6	EPA 3546	418886	EPA 8270E	418966
40246376007	SP-7	EPA 3546	418886	EPA 8270E	418966
40246376008	SP-8	EPA 3546	418886	EPA 8270E	418966
40246376009	SP-9	EPA 3546	418886	EPA 8270E	418966
40246376010	SP-10	EPA 3546	418886	EPA 8270E	418966
40246376011	SP-11	EPA 3546	419187	EPA 8270E	419240
40246376012	SP-12	EPA 3546	419187	EPA 8270E	419240
40246376001	SP-1	EPA 5035/5030B	418383	EPA 8260	418386
40246376002	SP-2	EPA 5035/5030B	418383	EPA 8260	418386
40246376003	SP-3	EPA 5035/5030B	418383	EPA 8260	418386
40246376004	SP-4	EPA 5035/5030B	418383	EPA 8260	418386
40246376005	SP-5	EPA 5035/5030B	418383	EPA 8260	418386
40246376006	SP-6	EPA 5035/5030B	418383	EPA 8260	418386
40246376007	SP-7	EPA 5035/5030B	418383	EPA 8260	418386
40246376008	SP-8	EPA 5035/5030B	418383	EPA 8260	418386
40246376009	SP-9	EPA 5035/5030B	418383	EPA 8260	418386
40246376010	SP-10	EPA 5035/5030B	418383	EPA 8260	418386
40246376011	SP-11	EPA 5035/5030B	418361	EPA 8260	418370
40246376012	SP-12	EPA 5035/5030B	418361	EPA 8260	418370
40246376001	SP-1	METHOD	743418	EPA 537 Modified	743569
40246376002	SP-2	METHOD	743418	EPA 537 Modified	743569
40246376003	SP-3	METHOD	743418	EPA 537 Modified	743569
40246376004	SP-4	METHOD	743418	EPA 537 Modified	743569
40246376005	SP-5	METHOD	743418	EPA 537 Modified	743569
40246376006	SP-6	METHOD	743418	EPA 537 Modified	743569
40246376007	SP-7	METHOD	743418	EPA 537 Modified	743569

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376008	SP-8	METHOD	743418	EPA 537 Modified	743569
40246376009	SP-9	METHOD	743418	EPA 537 Modified	743569
40246376010	SP-10	METHOD	743418	EPA 537 Modified	743569
40246376011	SP-11	METHOD	743418	EPA 537 Modified	743569
40246376012	SP-12	METHOD	743418	EPA 537 Modified	743569
40246376001	SP-1	ASTM D2974-87	418456		
40246376002	SP-2	ASTM D2974-87	418456		
40246376003	SP-3	ASTM D2974-87	418456		
40246376004	SP-4	ASTM D2974-87	418456		
40246376005	SP-5	ASTM D2974-87	418456		
40246376006	SP-6	ASTM D2974-87	418456		
40246376007	SP-7	ASTM D2974-87	418456		
40246376008	SP-8	ASTM D2974-87	418854		
40246376009	SP-9	ASTM D2974-87	418854		
40246376010	SP-10	ASTM D2974-87	418854		
40246376011	SP-11	ASTM D2974-87	418854		
40246376012	SP-12	ASTM D2974-87	418854		

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# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

*40246376*

**ALL SHADED AREAS are for LAB USE ONLY**

Company: **TECRA TECH**

Billing Information: **- SAME -**

Address: **710 AVIS Dr. St. 100 ANN ARBOR MI**

Report To: **MIKE SAVALE 48108**

Copy To:

Email To: **MIKE.SAVALE@tecratech.com**

Customer Project Name/Number: **117-4124250**

Site Collection Info/Address: **GP Broadway - State Pk**

Phone: **(810) 923-8076**

State: **WI** County/City: **Green Bay** Time Zone Collected: **[ ] PT [ ] MT [X] CT [ ] ET**

Collected By (print): **Craig Wieman**

Compliance Monitoring? **[ ] Yes [X] No**

Collected By (signature): *[Signature]*

Immediately Packed on Ice: **[X] Yes [ ] No**

Sample Disposal: **[X] Dispose as appropriate [ ] Return**

Field Filtered (if applicable): **[ ] Yes [ ] No **NA****

Rush: **[ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day**

Analysis: \_\_\_\_\_

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
SP-1	Soil	Grab	6-10-22					X
SP-2								X
SP-3								X
SP-4								X
SP-5								X
SP-6								X
SP-7								X
SP-8								X
SP-9								X
SP-10								X

Analyses	Lab Profile/Line:
<b>TEMP-METALS, VOA, SVOA</b>	<b>Lab Sample Receipt Checklist:</b> Custody Seals Present Intact Y N NA Custody Signatures Present Y N NA Collector Signatures Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: _____ Sample pH Acceptable Y N NA pH Strips: _____ Sulfide Present Y N NA Lead Acetate Strips: _____  LAB USE ONLY: Lab Sample # / Comments:
<b>VOC (WFI List)</b>	
<b>PCB, SVOA, METALS, MOISTURE</b>	
<b>PFA'S</b>	

Customer Remarks / Special Conditions / Possible Hazards: **Hold TCEP PENDING Totals Analysis**

Type of Ice Used: Wet Blue Dry None  
Packing Material Used: **See SCUR 6/10/22**

SHORT HOLDS PRESENT (<72 hours): Y N N/A  
Lab Tracking #: **2781006**  
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:  
Temp Blank Received: Y N NA  
Therm ID#: **116**  
Cooler 1 Temp Upon Receipt: **3** oC  
Cooler 1 Therm Corr. Factor: **±.1** oC  
Cooler 1 Corrected Temp: **3.1** oC  
Comments:

Relinquished by/Company: (Signature) *[Signature]* Date/Time: **6/10/22 15:40**

Received by/Company: (Signature) *[Signature]* Date/Time: **6/10/22 15:40**

MTJL LAB USE ONLY  
Table #: \_\_\_\_\_  
Acctnum: \_\_\_\_\_  
Template: \_\_\_\_\_  
Prelogin: \_\_\_\_\_  
PM: \_\_\_\_\_  
PB: \_\_\_\_\_

Trip Blank Received: Y N NA  
HCL MeOH TSP Other  
Non Conformance(s): YES / NO  
Page: **120** of **123**  
of: **2**



Client Name: Tetra Tech Sample Preservation Receipt Form  
 Project # 110246076

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

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	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU								SP5T	ZPLC
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

6/10/22 mp

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	VG9A 40 mL clear ascorbic	JG9U 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WG9U 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

**Sample Condition Upon Receipt Form (SCUR)**

Client Name: Tetra Tech

Project #:

WO#: **40246376**

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



40246376

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-116 Type of Ice: Wet Blue Dry None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 / Corr: 2.1

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:

Date: 6/10/22 Initials: MP

Labeled By Initials: MP

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>FCC 6/10/22 MP</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Collect times 6/10/22 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	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <u>012 except vials: "Excavation" 6/10/22 MP</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>001"1000"002"1015"003"1030" 6/10/22 MP</u>
-Includes date/time/ID/Analysis Matrix:		<u>004"1045"005"1125"006"11200" MP</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>007"11220", Not time on BR3U 6/10/22 MP</u>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<u>008"1240"009"1255"010"1310" MP</u>
Pace Trip Blank Lot # (if purchased):		<u>011"1325"012"1355" 6/10/22 MP</u>
		<u>008"15P-" 6/10/22 MP</u>

Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

If checked, see attached form for additional comments

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample login

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL	GW RCL
				Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=1
SP-1 06/10/22	83-32-9	Acenaphthene	1.51 J	45,200.	NA
	120-12-7	Anthracene	2.38 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>4.0</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	71.6	100,000.	82.4
	56-55-3	Benzo(a)anthracene	6.75	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>5.82</b>	<b>2.11</b>	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	7.45	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	4.44	--	NA
	207-08-9	Benzo(k)fluoranthene	2.6 J	211.	NA
	86-74-8	Carbazole	1.33 J	NA	NA
	7440-47-3	Chromium	<b>16.1</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>7.24</b>	2,110.	<b>0.0721</b>
	132-64-9	Dibenzofuran	0.854 J	1,040.	NA
	206-44-0	Fluoranthene	15.3	30,100.	44.4389
	86-73-7	Fluorene	1.47 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	4.67	21.1	NA
	7439-92-1	Lead	<b>16.4</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	0.060	3.13	0.104
	91-20-3	Naphthalene	0.0375 J	24.1	0.3291
	1336-36-3	PCB, Total	<b>0.719</b>	0.967	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.656	0.972	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0627	1.	NA
	85-01-8	Phenanthrene	11.6	--	NA
129-00-0	Pyrene	14	22,600.	27.2727	
108-88-3	Toluene	0.0309 J	818.	0.5536	
SP-2 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0688 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.0831	22.2	0.2417
	120-12-7	Anthracene	1.03 J	<b>100,000.</b>	98.4746
	7440-38-2	Arsenic	<b>4.4</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	118	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	3.72	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>3.31</b>	<b>2.11</b>	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>4.49</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	2.34	--	NA
	207-08-9	Benzo(k)fluoranthene	1.68 J	211.	NA
	7440-43-9	Cadmium	0.30 J	985.	0.376
	86-74-8	Carbazole	0.467 J	NA	NA
	7440-47-3	Chromium	<b>26.4</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	3.91	2,110.	<b>0.0721</b>
	156-59-2	cis-1,2-Dichloroethene	0.0164 J	2,340.	0.0206
	53-70-3	Dibenz(a,h)anthracene	0.591 J	2.11	NA
	100-41-4	Ethylbenzene	0.0363 J	35.4	0.785
	206-44-0	Fluoranthene	8.52	30,100.	44.4389
	86-73-7	Fluorene	0.546 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	2.66	21.1	NA
	7439-92-1	Lead	<b>32.6</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0755 J	388.	NA
	7439-97-6	Mercury	<b>0.16</b>	3.13	<b>0.104</b>
91-20-3	Naphthalene	0.115 J	24.1	0.3291	
95-47-6	o-Xylene	0.0228 J	434.	NA	
1336-36-3	PCB, Total	<b>0.723</b>	0.967	<b>0.0047</b>	

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-2 06/10/22 (Continued)	53469-21-9	PCB-1242 (Aroclor 1242)	0.531	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.103	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0897	1.	NA
	85-01-8	Phenanthrene	4.61	--	NA
	129-00-0	Pyrene	7.6	22,600.	27.2727
	108-88-3	Toluene	0.103	818.	0.5536
SP-3 06/10/22	75-34-3	1,1-Dichloroethane	0.0222 J	22.2	0.2417
	120-12-7	Anthracene	0.439 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>5.4</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>117</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	1.56	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>1.46</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>1.87</b>	<b>21.1</b>	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	1.11	--	NA
	207-08-9	Benzo(k)fluoranthene	0.692 J	211.	NA
	7440-43-9	Cadmium	0.28 J	985.	0.376
	86-74-8	Carbazole	0.192 J	NA	NA
	7440-47-3	Chromium	<b>15.7</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>1.61</b>	2,110.	<b>0.0721</b>
	53-70-3	Dibenz(a,h)anthracene	0.286 J	2.11	NA
	132-64-9	Dibenzofuran	0.105 J	1,040.	NA
	206-44-0	Fluoranthene	3.03	30,100.	44.4389
	86-73-7	Fluorene	0.18 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	1.26	21.1	NA
	7439-92-1	Lead	<b>138</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	0.096	3.13	0.104
	91-20-3	Naphthalene	0.057 J	24.1	0.3291
	1336-36-3	PCB, Total	<b>1.35</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.774	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.486	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0853	1.	NA
	85-01-8	Phenanthrene	1.61	--	NA
129-00-0	Pyrene	2.59	22,600.	27.2727	
108-88-3	Toluene	0.055 J	818.	0.5536	
SP-4 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0372 J	219.	NA
	7440-38-2	Arsenic	<b>5.3</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>120</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.154 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.15 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.206 J	21.1	0.239
	7440-43-9	Cadmium	0.18 J	985.	0.376
	7440-47-3	Chromium	<b>22.8</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.198</b> J	2,110.	<b>0.0721</b>
	206-44-0	Fluoranthene	0.305 J	30,100.	44.4389
	7439-92-1	Lead	<b>19.2</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0439 J	388.	NA
	7439-97-6	Mercury	0.015 J	3.13	0.104
	91-20-3	Naphthalene	0.0682 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0165 J	264.	NA
	95-47-6	o-Xylene	0.0298 J	434.	NA



**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL	GW RCL
				Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=1
SP-4 06/10/22 (Continued)	1336-36-3	PCB, Total	0.255	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.106	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0491 J	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.1	1.	NA
	85-01-8	Phenanthrene	0.2 J	--	NA
	129-00-0	Pyrene	0.27 J	22,600.	27.2727
	108-88-3	Toluene	0.0507 J	818.	0.5536
SP-5 06/10/22	75-34-3	1,1-Dichloroethane	0.0194 J	22.2	0.2417
	7440-38-2	Arsenic	4.0	3.	0.292
	7440-39-3	Barium	65.7	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.299 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.287 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.362 J	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	0.237 J	--	NA
	7440-47-3	Chromium	19.1	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.326 J	2,110.	0.0721
	206-44-0	Fluoranthene	0.561 J	30,100.	44.4389
	193-39-5	Indeno(1,2,3-cd)pyrene	0.229 J	21.1	NA
	7439-92-1	Lead	9.2	800.	13.5
	7439-97-6	Mercury	0.11	3.13	0.104
	1336-36-3	PCB, Total	0.702	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.545	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0957	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0613	1.	NA
	85-01-8	Phenanthrene	0.349 J	--	NA
129-00-0	Pyrene	0.559 J	22,600.	27.2727	
108-88-3	Toluene	0.024 J	818.	0.5536	
SP-6 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0255 J	219.	NA
	7440-38-2	Arsenic	20.1	3.	0.292
	7440-39-3	Barium	249	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.118 J	20.8	NA
	7440-47-3	Chromium	27	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.112 J	2,110.	0.0721
	206-44-0	Fluoranthene	0.214 J	30,100.	44.4389
	7439-92-1	Lead	8.1	800.	13.5
	179601-23-1	m&p-Xylene	0.0341 J	388.	NA
	91-20-3	Naphthalene	0.0412 J	24.1	0.3291
	95-47-6	o-Xylene	0.0271 J	434.	NA
	1336-36-3	PCB, Total	0.13	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.0769	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0221 J	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0313 J	1.	NA
	85-01-8	Phenanthrene	0.19 J	--	NA
	129-00-0	Pyrene	0.174 J	22,600.	27.2727
	108-88-3	Toluene	0.0308 J	818.	0.5536
SP-7 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0388 J	219.	NA
	541-73-1	1,3-Dichlorobenzene	0.04 J	297.	0.5764
	106-46-7	1,4-Dichlorobenzene	0.0569 J	16.4	0.072
	7440-38-2	Arsenic	5.6	3.	0.292
	7440-39-3	Barium	119	100,000.	82.4

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-7 06/10/22 (Continued)	56-55-3	Benzo(a)anthracene	0.19 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.15 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.183 J	21.1	0.239
	117-81-7	bis(2-Ethylhexyl)phthalate	0.808 J	164.	1.44
	7440-43-9	Cadmium	<b>0.50 J</b>	985.	<b>0.376</b>
	108-90-7	Chlorobenzene	0.0155 J	761.	0.0679
	7440-47-3	Chromium	<b>34.5</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.182 J</b>	2,110.	<b>0.0721</b>
	206-44-0	Fluoranthene	0.451 J	30,100.	44.4389
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	268.	NA
	7439-92-1	Lead	<b>45.9</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0416 J	388.	NA
	7439-97-6	Mercury	<b>0.22</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.115 J	24.1	0.3291
	95-47-6	o-Xylene	0.0293 J	434.	NA
	1336-36-3	PCB, Total	<b>5.89</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>5.56</b>	<b>0.972</b>	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.33	1.	NA
	85-01-8	Phenanthrene	0.44 J	--	NA
	129-00-0	Pyrene	0.397 J	22,600.	27.2727
7440-22-4	Silver	<b>0.80 J</b>	5,840.	<b>0.4245</b>	
108-88-3	Toluene	0.0339 J	818.	0.5536	
SP-8 06/10/22	71-55-6	1,1,1-Trichloroethane	<b>0.105</b>	640.	<b>0.0701</b>
	75-34-3	1,1-Dichloroethane	0.0963	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0433 J	219.	NA
	108-67-8	1,3,5-Trimethylbenzene	0.0315 J	182.	NA
	120-12-7	Anthracene	0.267 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>39.8</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>131</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.605 J	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>0.523 J</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>0.638 J</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	0.405 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.271 J	211.	NA
	7440-43-9	Cadmium	0.37 J	985.	0.376
	7440-47-3	Chromium	<b>26.5</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.667 J</b>	2,110.	<b>0.0721</b>
	100-41-4	Ethylbenzene	0.0646 J	35.4	0.785
	206-44-0	Fluoranthene	1.49	30,100.	44.4389
	86-73-7	Fluorene	0.112 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	0.4 J	21.1	NA
	7439-92-1	Lead	<b>75.7</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.102 J	388.	NA
	7439-97-6	Mercury	<b>0.27</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0461 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.027 J	264.	NA
	95-47-6	o-Xylene	0.031 J	434.	NA
	1336-36-3	PCB, Total	<b>1.38</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.00</b>	<b>0.972</b>	NA
11097-69-1	PCB-1254 (Aroclor 1254)	0.25	0.988	NA	

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-8 06/10/22 (Continued)	11096-82-5	PCB-1260 (Aroclor 1260)	0.123	1.	NA
	85-01-8	Phenanthrene	0.811 J	--	NA
	99-87-6	p-Isopropyltoluene	0.0246 J	162.	NA
	129-00-0	Pyrene	1.11	22,600.	27.2727
	127-18-4	Tetrachloroethene	<b>0.0596 J</b>	145.	<b>0.0023</b>
	108-88-3	Toluene	0.192	818.	0.5536
	79-01-6	Trichloroethene	<b>0.0535 J</b>	8.41	<b>0.0018</b>
SP-9 06/10/22	71-55-6	1,1,1-Trichloroethane	<b>0.102</b>	640.	<b>0.0701</b>
	75-34-3	1,1-Dichloroethane	0.131	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0648 J	219.	NA
	95-50-1	1,2-Dichlorobenzene	0.0298 J	376.	0.584
	108-67-8	1,3,5-Trimethylbenzene	0.0373 J	182.	NA
	120-12-7	Anthracene	0.151 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>8.1</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>161</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.525 J	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>0.472 J</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>0.573 J</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	0.366 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.201 J	211.	NA
	117-81-7	bis(2-Ethylhexyl)phthalate	0.863	164.	1.44
	7440-43-9	Cadmium	<b>0.41 J</b>	985.	<b>0.376</b>
	7440-47-3	Chromium	<b>29.3</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.574 J</b>	2,110.	<b>0.0721</b>
	156-59-2	cis-1,2-Dichloroethene	0.0169 J	2,340.	0.0206
	100-41-4	Ethylbenzene	0.0629 J	35.4	0.785
	206-44-0	Fluoranthene	1.16	30,100.	44.4389
	193-39-5	Indeno(1,2,3-cd)pyrene	0.354 J	21.1	NA
	98-82-8	Isopropylbenzene (Cumene)	0.0231 J	268.	NA
	7439-92-1	Lead	<b>38</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0722 J	388.	NA
	7439-97-6	Mercury	<b>0.19</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0661 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0221 J	264.	NA
	95-47-6	o-Xylene	0.0276 J	434.	NA
	1336-36-3	PCB, Total	<b>1.57</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.17</b>	<b>0.972</b>	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.206	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.197	1.	NA
	85-01-8	Phenanthrene	0.72 J	--	NA
99-87-6	p-Isopropyltoluene	0.0511 J	162.	NA	
129-00-0	Pyrene	1.03	22,600.	27.2727	
135-98-8	sec-Butylbenzene	0.0215 J	145.	NA	
127-18-4	Tetrachloroethene	<b>0.057 J</b>	145.	<b>0.0023</b>	
108-88-3	Toluene	0.198	818.	0.5536	
SP-10 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0533 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.115	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0368 J	219.	NA
	91-57-6	2-Methylnaphthalene	0.36 J	3,010.	NA
	120-12-7	Anthracene	0.138 J	100,000.	98.4746

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL	GW RCL
				Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=1
SP-10 06/10/22 (Continued)	7440-38-2	Arsenic	9.6	3.	0.292
	7440-39-3	Barium	182	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.399 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.403 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.5 J	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	0.27 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.188 J	211.	NA
	117-81-7	bis(2-Ethylhexyl)phthalate	0.715 J	164.	1.44
	7440-43-9	Cadmium	0.36 J	985.	0.376
	7440-47-3	Chromium	23.8	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.412 J	2,110.	0.0721
	100-41-4	Ethylbenzene	0.0365 J	35.4	0.785
	206-44-0	Fluoranthene	0.942	30,100.	44.4389
	86-73-7	Fluorene	0.114 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	0.298 J	21.1	NA
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	268.	NA
	7439-92-1	Lead	31.7	800.	13.5
	179601-23-1	m&p-Xylene	0.077 J	388.	NA
	7439-97-6	Mercury	0.17	3.13	0.104
	91-20-3	Naphthalene	0.145 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0281 J	264.	NA
	95-47-6	o-Xylene	0.023 J	434.	NA
	1336-36-3	PCB, Total	0.967	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.65	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.222	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.095	1.	NA
	85-01-8	Phenanthrene	0.663 J	--	NA
	129-00-0	Pyrene	0.784	22,600.	27.2727
135-98-8	sec-Butylbenzene	0.0551 J	145.	NA	
127-18-4	Tetrachloroethene	0.0362 J	145.	0.0023	
108-88-3	Toluene	0.0709	818.	0.5536	
SP-11 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0454 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.0347 J	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0262 J	219.	NA
	91-57-6	2-Methylnaphthalene	0.563 J	3,010.	NA
	120-12-7	Anthracene	0.871 J	100,000.	98.4746
	7440-38-2	Arsenic	6.1	3.	0.292
	7440-39-3	Barium	120	100,000.	82.4
	56-55-3	Benzo(a)anthracene	2.26	20.8	NA
	50-32-8	Benzo(a)pyrene	1.9 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	2.42	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	1.45 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.952 J	211.	NA
	7440-43-9	Cadmium	0.34 J	985.	0.376
	86-74-8	Carbazole	0.504 J	NA	NA
	7440-47-3	Chromium	19.9	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	2.35	2,110.	0.0721
	132-64-9	Dibenzofuran	0.268 J	1,040.	NA
	100-41-4	Ethylbenzene	0.0514 J	35.4	0.785
	206-44-0	Fluoranthene	5.67	30,100.	44.4389

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-11 06/10/22 (Continued)	86-73-7	Fluorene	0.455 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	1.5	21.1	NA
	7439-92-1	Lead	<b>31</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0692 J	388.	NA
	7439-97-6	Mercury	<b>0.18</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0586 J	24.1	0.3291
	95-47-6	o-Xylene	0.0317 J	434.	NA
	1336-36-3	PCB, Total	<b>1.79</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.56</b>	<b>0.972</b>	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.235	1.	NA
	85-01-8	Phenanthrene	3.78	--	NA
	129-00-0	Pyrene	4.21	22,600.	27.2727
108-88-3	Toluene	0.121	818.	0.5536	
SP-12 06/10/22	7440-38-2	Arsenic	<b>2.2 J</b>	3.	<b>0.292</b>
	7440-39-3	Barium	61.5	100,000.	82.4
	7440-43-9	Cadmium	0.34 J	985.	0.376
	7440-47-3	Chromium	<b>19.9</b>	<b>6.36</b>	180,000. No Cr-VI
	7439-92-1	Lead	<b>29.9</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	<b>0.19</b>	3.13	<b>0.104</b>
	1336-36-3	PCB, Total	<b>0.451</b>	0.967	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.451	0.972	NA

Notes:

mg/kg = milligrams per kilogram.

Table reflects analytical data comparison to NR 720 RR Soil RCL Worksheets.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

-- = No value on WDNR RCL table.

NA = not available, parameter not on NR 720 RR Soil RCL Worksheets.

\*RCLs calculated using EPA RSL calculator (hazard quotient 1, target risk 10<sup>-4</sup>, soil to groundwater, chronic).

Chromium results compared to Chromium (VI) values for Industrial DC RCL.

Chromium results compared to Chromium (total) values for GW RCL (No Chromium VI values).

Explanations of criteria and acronyms shown in this table can be found in the NR 720 RR Soil RCL Worksheets.

CAS # = Chemical Abstract Service Registry Number

DC (or D-C) = Direct Contact

RCL = Soil Residual Contaminant Level

GW = Groundwater

DF = Dilution Factor

**Table 2**  
**Soil Stockpile Characterization PFAS Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result	Industrial DC RCL Not-To-Exceed D-C RCL (µg/kg)	Calculated GW RCL* (µg/kg)
SP-1 06/10/22	2991-50-6	NEtFOSAA	0.757 J	NA	NA
	1691-99-2	NEtFOSE	0.094 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.025 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.048 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.035 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.936 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.160 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.045 J	NA	NA
SP-2 06/10/22	27619-97-2	6:2 Fluorotelomer sulfonate	0.148 J	NA	NA
	2991-50-6	NEtFOSAA	0.766 J	NA	NA
	1691-99-2	NEtFOSE	0.041 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.032 J	NA	NA
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.041 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.937 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.202 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.032 J	NA	NA
SP-3 06/10/22	4151-50-2	NEtFOSA	0.053 J	NA	NA
	2991-50-6	NEtFOSAA	1.16	NA	NA
	1691-99-2	NEtFOSE	0.461 J	NA	NA
	2355-31-9	NMeFOSAA	0.025 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.046 J	NA	NA
	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.038 J	NA	0.167
	375-95-1	Perfluorononanoic acid (PFNA)	0.057 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.163 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>3.44</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.297 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.047 J	NA	NA
	375-92-8	PFHpS	0.026 J	NA	NA
SP-4 06/10/22	2991-50-6	NEtFOSAA	0.878 J	NA	NA
	1691-99-2	NEtFOSE	0.083 J	NA	NA
	2355-31-9	NMeFOSAA	0.027 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.026 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.035 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.084 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.48</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.28 J	16,400	0.915
SP-5 06/10/22	2991-50-6	NEtFOSAA	0.991 J	NA	NA
	1691-99-2	NEtFOSE	0.070000 J	NA	NA
	2355-31-9	NMeFOSAA	0.034 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.047 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.067 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.055 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>2.02</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.353 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.049 J	NA	NA
SP-6 06/10/22	2991-50-6	NEtFOSAA	0.129 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.226 J</b>	16.4	<b>0.038</b>
SP-7 06/10/22	2991-50-6	NEtFOSAA	2.37	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.521 J</b>	16,400	<b>0.038</b>
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.091 J	NA	NA

**Table 2**  
**Soil Stockpile Characterization PFAS Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result	Industrial DC RCL Not-To-Exceed D-C RCL (µg/kg)	Calculated GW RCL* (µg/kg)
SP-8 06/10/22	2991-50-6	NEtFOSAA	2.01	NA	NA
	1691-99-2	NEtFOSE	0.117 J	NA	NA
	2355-31-9	NMeFOSAA	0.036 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.027 J	NA	NA
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.044 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.01 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.161 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.038 J	NA	NA	
SP-9 06/10/22	2991-50-6	NEtFOSAA	1.92	NA	NA
	1691-99-2	NEtFOSE	0.043 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.044 J	NA	NA
	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.042 J	NA	0.167
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.034 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.978 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.243 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.061 J	NA	NA	
SP-10 06/10/22	2991-50-6	NEtFOSAA	0.923 J	NA	NA
	1691-99-2	NEtFOSE	0.094 J	NA	NA
	2355-31-9	NMeFOSAA	0.023 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.023 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.021 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.043 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.07</b>	16,400	<b>0.038</b>
335-67-1	Perfluorooctanoic acid (PFOA)	0.154 J	16,400	0.915	
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.026 J	NA	NA	
SP-11 06/10/22	2991-50-6	NEtFOSAA	2.44	NA	NA
	1691-99-2	NEtFOSE	0.063 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.028 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.034 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.17</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.135 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.041 J	NA	NA	
SP-12 06/10/22	4151-50-2	NEtFOSA	0.061 J	NA	NA
	2991-50-6	NEtFOSAA	1.63	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.108 J</b>	16,400	<b>0.038</b>
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.042 J	NA	NA

Notes:

µg/kg = micrograms per kilogram.

Table reflects analytical data comparison to NR 720 RR Soil RCL Worksheets.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

Explanations of criteria and acronyms shown in this table can be found in the NR 720 RR Soil RCL Worksheets.

NA = not available, parameter not on NR 720 RR Soil RCL Worksheets; for calculated RCL, parameter not on EPA RSL table.

CAS # = Chemical Abstract Service Registry Number

DC (or D-C) = Direct Contact, RCL = Soil Residual Contaminant Level

GW = Groundwater

DF = Dilution Factor

RSL = Regional Screening Level (EPA)

\*RCLs calculated using EPA RSL calculator (hazard quotient 1, target risk 10<sup>-4</sup>, soil to groundwater, chronic).

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-1 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.43</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.011</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.028 J</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-2 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.39</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.0063 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.012 J</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-3 06/10/22	7440-38-2	Arsenic	<0.017	0.010
	7440-39-3	Barium	<b>0.61</b>	2.000
	7440-43-9	Cadmium	<b>0.0055 J</b>	0.005
	7440-47-3	Chromium	<0.0051	0.100
	7440-50-8	Copper	<b>5.3</b>	1.300
	7439-92-1	Lead	<b>0.038 J</b>	0.015
	7440-02-0	Nickel	<b>0.043</b>	0.100
	7782-49-2	Selenium	<0.024	0.050
	7440-22-4	Silver	<0.0064	0.050
	7440-66-6	Zinc	<b>0.37</b>	--
	7439-97-6	Mercury	<0.000066	0.002



**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-4 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.24</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.0071 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<0.012	--
7439-97-6	Mercury	<0.000066	0.002	
SP-5 06/10/22	7440-38-2	Arsenic	<b>0.0093 J</b>	0.010
	7440-39-3	Barium	<b>0.47</b>	2.000
	7440-43-9	Cadmium	<b>0.0014 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0037 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.015</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.036 J</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-6 06/10/22	7440-38-2	Arsenic	<b>0.012 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.39</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0067 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.018</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<0.012	--
7439-97-6	Mercury	<0.000066	0.002	

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-7 06/10/22	7440-38-2	Arsenic	<b>0.010 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>1.1</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0037 J</b>	1.300
	7439-92-1	Lead	<b>0.0075 J</b>	0.015
	7440-02-0	Nickel	<b>0.037</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.21</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-8 06/10/22	7440-38-2	Arsenic	<b>0.011 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.44</b>	2.000
	7440-43-9	Cadmium	<b>0.0035 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0078 J</b>	1.300
	7439-92-1	Lead	<b>0.0061 J</b>	0.015
	7440-02-0	Nickel	<b>0.032</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.12</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-9 06/10/22	7440-38-2	Arsenic	<b>0.013 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.55</b>	2.000
	7440-43-9	Cadmium	<b>0.0024 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0071 J</b>	1.300
	7439-92-1	Lead	<b>0.0099 J</b>	0.015
	7440-02-0	Nickel	<b>0.029</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.098</b>	--
	7439-97-6	Mercury	<b>0.19</b>	0.002

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-10 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.6</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0044 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.023</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.049</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-11 06/10/22	7440-38-2	Arsenic	<b>0.018 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.68</b>	2.000
	7440-43-9	Cadmium	<b>0.0045 J</b>	0.005
	7440-47-3	Chromium	<0.0051	0.100
	7440-50-8	Copper	<b>0.021</b>	1.300
	7439-92-1	Lead	<0.012	0.015
	7440-02-0	Nickel	<b>0.045</b>	0.100
	7782-49-2	Selenium	<0.024	0.050
	7440-22-4	Silver	<0.0064	0.050
	7440-66-6	Zinc	<b>0.23</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-12 06/10/22	7440-38-2	Arsenic	<b>0.016 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>1.7</b>	2.000
	7440-43-9	Cadmium	<b>0.0014 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	0.11	0.015
	7440-02-0	Nickel	<b>0.0049 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.16</b>	--
7439-97-6	Mercury	<0.000066	0.002	

Notes:

mg/l = milligrams per liter.

Table reflects analytical data comparison to NR 140 Groundwater Quality Enforcement Standards.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

-- = No NR 140 Groundwater Quality Enforcement Standard Available.

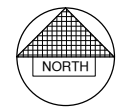
CAS # = Chemical Abstract Service Registry Number



- ### LEGEND
- CONCRETE PAVEMENT
  - ASPHALT PAVEMENT (HEAVY) (44,354 S.F.)
  - PROPOSED SANITARY SEWER
  - EXISTING SANITARY SEWER (SIZE NOTED)
  - PROPOSED STORM SEWER
  - EXISTING STORM SEWER (SIZE NOTED)
  - PROPOSED WATERMAIN
  - EXISTING WATERMAIN (SIZE NOTED)
- 
- PROPOSED FIRE HYDRANT
  - EXISTING FIRE HYDRANT
  - PROPOSED WATER VALVE/CURB STOP
  - EXISTING WATER VALVE/CURB STOP
  - PROPOSED WATER MANHOLE
  - EXISTING WATER MANHOLE
  - PROPOSED REDUCER/INCREASER
  - EXISTING REDUCER/INCREASER
  - PROPOSED SANITARY MANHOLE
  - EXISTING SANITARY MANHOLE
  - PROPOSED LIFT STATION
  - EXISTING LIFT STATION
  - PROPOSED TRACER WIRE SIGNAL CONNECTION BOX
  - EXISTING TRACER WIRE SIGNAL CONNECTION BOX
  - PROPOSED CLEANOUT
  - EXISTING CLEANOUT
  - PROPOSED STORM MANHOLE
  - EXISTING STORM MANHOLE
  - PROPOSED STORM CATCH BASIN
  - EXISTING STORM CATCH BASIN
  - PROPOSED STORM INLET
  - EXISTING STORM INLET
  - PROPOSED STORM INLET MANHOLE
  - EXISTING STORM INLET MANHOLE
  - PROPOSED YARD DRAIN
  - EXISTING YARD DRAIN
  - PROPOSED STANDPIPE
  - EXISTING STANDPIPE
  - PROPOSED ROOF DOWNSPOUT
  - EXISTING ROOF DOWNSPOUT
  - PROPOSED DISCHARGE STRUCTURE
  - EXISTING DISCHARGE STRUCTURE

**CONSTRUCTION CLASSIFICATION**  
2B

- NOTE**
- A MINIMUM OF 6.5 FEET OF COVER SHALL BE MAINTAINED OVER ALL WATERMAIN.
  - SANITARY SEWER, WATERMAIN AND STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN AND ADMINISTRATIVE CODE CHAPTERS COMM 81-87.
  - FIELD VERIFY LOCATION OF EXISTING UTILITIES. IF EXISTING LOCATIONS DIFFER FROM WHAT IS INDICATED ON THE PLANS, **CONTACT ENGINEER**, PRIOR TO CONTINUED WORK.
  - ALL SANITARY SEWER, STORM SEWER AND WATER SERVICES / MAINS SHALL BE PROVIDED WITH TRACER WIRE OR OTHER METHOD TO BE LOCATED.



**Robert E. Lee & Associates, Inc.**  
ENGINEERING, SURVEYING, ENVIRONMENTAL SERVICES  
1250 CENTENNIAL CENTRE BOULEVARD HOBART, WI 54155  
920-662-9641 www.releinc.com

**Foth**  
Foth Production Solutions, LLC  
2121 Innovation Court - Suite 100  
P.O. Box 5095 De Pere, WI 54115-5095  
Phone: (920) 497-2500  
Project:

NO.	DATE	BY	REVISION
1	1/28/22	BR	SITE GRADING SUBMITTAL

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written consent.

PROJECT:	-		
MACH NAME:	-		
DET NAME:	SITE AND UTILITY PLAN		
DR:	BDR	CH:	DATE: 1/28/22
			JOB# E091740
6290001d		DWG#	C104
INFO:	-		
PAID:	-		

## Lauridsen, Keld B - DNR

---

**From:** DuFresne, Kristin I - DNR  
**Sent:** Friday, October 21, 2022 9:53 AM  
**To:** jacquelyn.beaulieu@gapac.com  
**Cc:** Mrotek, Melissa A; Hronek, Sally S - DNR; Joosten, Valerie A - DNR; DuFresne, Kristin I - DNR; Lauridsen, Keld B - DNR; Beggs, Tauren R - DNR  
**Subject:** Georgia-Pacific objection letter for one time disposal at GP -Northland landfill (Lic. No. 2893)  
**Attachments:** 2022\_1021 objection expedited plan mod 1x disposal.pdf

Jacquelyn – Per our discussion, attached please find the objection letter for the 1-time disposal of contaminated soil from the GP Broadway mill location to the GP Northland landfill.

Sally Hronek will be contacting you in the near future to share our availability for a meeting with you to discuss possible next steps.

Thank you.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Kristin DuFresne**

Waste and Materials Management Program Supervisor – Northeast Region

Wisconsin Department of Natural Resources

Phone: 920-662-5128

Cell Phone: 920-492-8362

[Kristin.dufresne@wisconsin.gov](mailto:Kristin.dufresne@wisconsin.gov)



[dnr.wi.gov](http://dnr.wi.gov)





October 21, 2022

FID: 405017250  
Brown County  
SW / Approval

Jacquelyn Beaulieu – Environmental Manager  
Georgia-Pacific Consumer Operations LLC – Green Bay Operations  
1919 South Broadway  
Green Bay, WI 54304

Subject: Objection to Expedited Plan Modification for One Time Disposal of Contaminated Soil at the Georgia-Pacific Green Bay Northland Landfill, Green Bay, DNR License No. 2893

Dear Ms. Beaulieu:

The Department of Natural Resources (department) objects to the request dated September 22, 2022 to dispose of contaminated soil at the Georgia-Pacific (GP) Northland landfill. The department received the request and additional information on September 22, 2022 and the review fee of \$1,000 on September 26, 2022. Based on the information provided, the department was unable to determine the proposal poses low risk to human health and the environment in order to utilize the expedited plan modification process in accordance with s. NR 514.09(1)(a)10, Wis. Adm. Code. Additional explanation is provided below.

The expedited plan modification request is for the one-time disposal of ~1,600 cubic yards of contaminated soil within the approved waste fill areas at the Georgia-Pacific Northland landfill. The material proposed for disposal will be excavated from GP's Broadway mill facility to accommodate building expansion and will require disposal between October 2022 and the end of 2022. The soils consist of mostly clay with some gravel, silt/sand, and debris (brick, wood, etc.) and are contaminated with volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs) at levels above ch. NR 720, Wis. Adm. Code, industrial direct contact residual contaminant levels (RCLs) and groundwater pathway RCLs. In addition, the soils contain per- and polyfluoroalkyl substances with perfluorooctanesulfonic acid (PFOS) above calculated groundwater pathway RCLs. Toxicity characteristic Leachate Procedure (TCLP) tests results indicate the waste is not characteristic of a hazardous waste with respect to metals.

The reason the department objects to the expedited plan modification request relates to the level of PCBs present in the contaminated soils. The analytical results for several samples identify total PCBs above 1 ppm. Based on our understanding of the federal requirements, the department understands that landfills receiving the waste must meet the design requirements under s. NR 504.05 – 504.09, Wis. Adm. Code. The GP Northland landfill was approved in 1980 so its liner design may not be consistent with current regulations and meet the federal requirements for disposal of PCB contaminated soils. Since the federal regulations are complex, the department was unable to determine this landfill would be a suitable disposal location within the constraints of an expedited plan modification.

If you wish to discuss the modification or potential options, we are willing to setup a time to discuss. This objection is subject to the dispute resolution procedure described in s. NR 514.09(3), Wis. Adm. Code.

If you have any questions regarding this letter, you may contact Sally Hronek by telephone at 920-609-5236 or email at [Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov).

Sincerely,



Kristin DuFresne

Waste and Materials Management Supervisor  
Northeast Region

cc: Sally Hronek – DNR/WA (via email [Sally.Hronek@wisconsin.gov](mailto:Sally.Hronek@wisconsin.gov))  
Valerie Joosten – DNR/WA (via email [Valerie.Joosten@wisconsin.gov](mailto:Valerie.Joosten@wisconsin.gov))

## Lauridsen, Keld B - DNR

---

**From:** Beaulieu, Jacquelyn Marie <jacquelyn.beaulieu@gapac.com>  
**Sent:** Wednesday, September 21, 2022 10:01 AM  
**To:** Hronek, Sally S - DNR  
**Cc:** Mrotek, Melissa A; Lauridsen, Keld B - DNR  
**Subject:** One Time Disposal Request - Northland Landfill (02893)  
**Attachments:** Plan of Operation - One Time Disposal Request 09212022.pdf

**CAUTION: This email originated from outside the organization.  
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Sally

The facility is requested a expedited one time approval request for the Northland Landfill (Lic No. 02893). The request is for approximately 1,600 cy of soil material that was excavated at the Broadway Mill as a result to a project constructing a building for the facility's wastewater treatment sludge pressing operations. If the Department approves of the disposal of this material at the Northland Landfill, plans to bring the material to Northland will be finalized upon receipt of approval.

This project is within the facility's ongoing site investigation for PFAS and as a result this soil was characterized for PFAS along with other contaminants deemed necessary for disposal characterization.

Please let me know if the Department has any questions or concerns during the review of this request.

### Jacquelyn Beaulieu (Pomerville)

***Environmental Manager***

Georgia-Pacific Consumer Operations LLC

Green Bay Operations

Office #: 920-438-4243

Cell #: 920-606-3228

[jacquelyn.beaulieu@gapac.com](mailto:jacquelyn.beaulieu@gapac.com)





**Georgia-Pacific  
Consumer Operations LLC**

1919 S. Broadway  
P.O. Box 19130  
Green Bay, WI 54307-9130  
(920) 435-8821  
www.gp.com

September 21, 2022

**VIA EMAIL**

Ms. Sally Hronek  
Wisconsin Department of Natural Resources  
Northeast Region Headquarters  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

Re: 2022 Expedited Plan Modification – One Time Disposal Request  
Georgia-Pacific Consumer Operations LLC; Northland Landfill  
Green Bay, Wisconsin, License No. 02893

Dear Ms. Hronek:

Georgia-Pacific Consumer Operations LLC (GP) is submitting this request pursuant to Wisconsin Administrative Code NR 514.09(1)(a) for approval to place approximately 1,600 cy of contaminated soil mixed into Phase 3 of the Northland Landfill as waste material.

The GP Broadway Facility is executing a project to construct a building for the wastewater treatment system's sludge pressing operations. The project has generated approximately 1,600 cy of soil contaminated with low level VOC, SVOC, Metals, PCBs and PFAS compounds while installing the new facility foundation. Due to detectable metal results in the collected samples, the facility did run TCLP, and all results were below RCRA Hazardous Waste Classification. The facility is including a data summary table showing the soil testing results along with the official laboratory report.

GEI Consultants performed a site survey at the Northland Landfill on 1/12/22 and determined that Phase 2 and 3 had approximately 91,100 cy and 130,700 cy of remaining waste capacity respectively. The facility is currently disposing of contaminated soil under a one-time approval from the Department that the facility received on 07/28/22 and coal from the Broadway Mill's coal yard which is exempt from the landfilling requirements per NR 500.08(2). The Day Street Facility is in the process of shutting down and therefore has substantially reduced the amount of waste it will place in the Landfill. Therefore, the proposed modifications do not change the site's waste disposal capacity or modify the horizontal waste disposal limits of the site.

If you have any questions regarding this submittal request, please feel free to call me at 920/438-4243.

Sincerely,

GEORGIA-PACIFIC CONSUMER OPERATIONS LLC



Jacquelyn Beaulieu  
Environmental Manager

Enc.

Pace Analytical Report 07122022  
Table 1 Soil Stockpile Detection Summary  
Table 2 Soil Stockpile PFAS Detection Summary  
Table 3 Soil Stockpile TCLP Results Summary

cc: Melissa Mrotek, GP GBB Mill (Electronic)  
Mike Moore, GP GBB Mill (Electronic)  
Steve Landers, GP GBB Mill (Electronic)

July 12, 2022

Mike Savale  
TetraTech  
710 Avis Drive  
Suite 100  
Ann Arbor, MI 48108

RE: Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Dear Mike Savale:

Enclosed are the analytical results for sample(s) received by the laboratory on June 10, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Gulf Coast
- Pace Analytical Services - Green Bay

Report revised to include TCLP Metals Copper, Nickel, Zinc.

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

Sincerely,



Tod Noltemeyer  
tod.noltemeyer@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

---

### **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

---

### **Pace Analytical Gulf Coast**

7979 Innovation Park Drive, Baton Rouge, LA 70820  
Arkansas Certification #: 88-0655  
DoD ELAP Certification #: 6429-01  
Florida Certification #: E87854  
Illinois Certification #: 004585  
Kansas Certification #: E-10354  
Louisiana/LELAP Certification #: 01955  
North Carolina Certification #: 618

North Dakota Certification #: R-195  
Oklahoma Certification #: 2019-101  
South Carolina Certification #: 73006001  
Texas Certification #: T104704178-19-11  
USDA Soil Permit # P330-19-00209  
Virginia Certification #: 460215  
Washington Certification #: C929

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40246376001	SP-1	Solid	06/10/22 10:00	06/10/22 15:40
40246376002	SP-2	Solid	06/10/22 10:15	06/10/22 15:40
40246376003	SP-3	Solid	06/10/22 10:30	06/10/22 15:40
40246376004	SP-4	Solid	06/10/22 10:45	06/10/22 15:40
40246376005	SP-5	Solid	06/10/22 11:25	06/10/22 15:40
40246376006	SP-6	Solid	06/10/22 12:00	06/10/22 15:40
40246376007	SP-7	Solid	06/10/22 12:20	06/10/22 15:40
40246376008	SP-8	Solid	06/10/22 12:40	06/10/22 15:40
40246376009	SP-9	Solid	06/10/22 12:55	06/10/22 15:40
40246376010	SP-10	Solid	06/10/22 13:10	06/10/22 15:40
40246376011	SP-11	Solid	06/10/22 13:25	06/10/22 15:40
40246376012	SP-12	Solid	06/10/22 13:55	06/10/22 15:40

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40246376001	SP-1	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
40246376002	SP-2	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
40246376003	SP-3	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
40246376004	SP-4	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 6010D	TXW	10	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	RJN	70	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 537 Modified	SXA	58	GCLA
		ASTM D2974-87	K1S	1	PASI-G
40246376005	SP-5	EPA 8082A	BLM	10	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40246376006	SP-6	EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
40246376007	SP-7	EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	K1S	1	PASI-G		
		40246376008	SP-8	EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G
EPA 6010D	TXW			10	PASI-G		
EPA 7470	AJT			1	PASI-G		
EPA 7471	AJT			1	PASI-G		
EPA 8270E	TPO			70	PASI-G		
EPA 8260	ALD			64	PASI-G		
EPA 537 Modified	SXA			58	GCLA		
ASTM D2974-87	MYH			1	PASI-G		
40246376009	SP-9			EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40246376010	SP-10	EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	RJN	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
40246376011	SP-11	EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		EPA 8082A	BLM	10	PASI-G		
		EPA 6010D	TXW	7	PASI-G		
		EPA 6010D	TXW	10	PASI-G		
		EPA 7470	AJT	1	PASI-G		
		EPA 7471	AJT	1	PASI-G		
		EPA 8270E	TPO	70	PASI-G		
		EPA 8260	ALD	64	PASI-G		
		EPA 537 Modified	SXA	58	GCLA		
		ASTM D2974-87	MYH	1	PASI-G		
		40246376012	SP-12	EPA 8082A	BLM	10	PASI-G
				EPA 6010D	TXW	7	PASI-G
				EPA 6010D	TXW	10	PASI-G
EPA 7470	AJT			1	PASI-G		
EPA 7471	AJT			1	PASI-G		
EPA 8270E	TPO			70	PASI-G		
EPA 8260	ALD			64	PASI-G		
EPA 537 Modified	SXA			58	GCLA		
ASTM D2974-87	MYH			1	PASI-G		

GCLA = Pace Analytical Gulf Coast  
PASI-G = Pace Analytical Services - Green Bay

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11141-16-5	
PCB-1242 (Aroclor 1242)	656	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.6	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11097-69-1	
PCB-1260 (Aroclor 1260)	62.7	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	11096-82-5	
PCB, Total	719	ug/kg	57.9	17.6	1	06/14/22 14:14	06/15/22 22:57	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/14/22 14:14	06/15/22 22:57	877-09-8	
Decachlorobiphenyl (S)	73	%	38-95		1	06/14/22 14:14	06/15/22 22:57	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.0	mg/kg	2.9	1.7	1	06/14/22 06:32	06/14/22 17:40	7440-38-2	
Barium	71.6	mg/kg	0.58	0.17	1	06/14/22 06:32	06/14/22 17:40	7440-39-3	M0,R1
Cadmium	<0.15	mg/kg	0.58	0.15	1	06/14/22 06:32	06/14/22 17:40	7440-43-9	
Chromium	16.1	mg/kg	1.2	0.32	1	06/14/22 06:32	06/14/22 17:40	7440-47-3	
Lead	16.4	mg/kg	2.3	0.69	1	06/14/22 06:32	06/14/22 17:40	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	06/14/22 06:32	06/14/22 17:40	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	06/14/22 06:32	06/14/22 17:40	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:40	7440-38-2	
Barium	0.43	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:40	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:40	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:40	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:40	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:40	7439-92-1	
Nickel	0.011	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:40	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:40	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:40	7440-22-4	
Zinc	0.028J	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:40	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:33	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.060	mg/kg	0.039	0.011	1	06/21/22 06:36	06/22/22 10:18	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	1510J	ug/kg	3880	1380	20	06/21/22 12:40	06/22/22 21:11	83-32-9	
Acenaphthylene	<1380	ug/kg	3880	1380	20	06/21/22 12:40	06/22/22 21:11	208-96-8	
Anthracene	2380J	ug/kg	3880	620	20	06/21/22 12:40	06/22/22 21:11	120-12-7	
Benzo(a)anthracene	6750	ug/kg	3880	601	20	06/21/22 12:40	06/22/22 21:11	56-55-3	
Benzo(a)pyrene	5820	ug/kg	3880	584	20	06/21/22 12:40	06/22/22 21:11	50-32-8	
Benzo(b)fluoranthene	7450	ug/kg	3880	666	20	06/21/22 12:40	06/22/22 21:11	205-99-2	
Benzo(g,h,i)perylene	4440	ug/kg	3880	1010	20	06/21/22 12:40	06/22/22 21:11	191-24-2	
Benzo(k)fluoranthene	2600J	ug/kg	3880	929	20	06/21/22 12:40	06/22/22 21:11	207-08-9	
4-Bromophenylphenyl ether	<812	ug/kg	3880	812	20	06/21/22 12:40	06/22/22 21:11	101-55-3	
Butylbenzylphthalate	<1610	ug/kg	3880	1610	20	06/21/22 12:40	06/22/22 21:11	85-68-7	
Carbazole	1330J	ug/kg	3880	607	20	06/21/22 12:40	06/22/22 21:11	86-74-8	
4-Chloro-3-methylphenol	<1210	ug/kg	3880	1210	20	06/21/22 12:40	06/22/22 21:11	59-50-7	
4-Chloroaniline	<637	ug/kg	3880	637	20	06/21/22 12:40	06/22/22 21:11	106-47-8	1q
bis(2-Chloroethoxy)methane	<1040	ug/kg	3880	1040	20	06/21/22 12:40	06/22/22 21:11	111-91-1	
bis(2-Chloroethyl) ether	<1210	ug/kg	3880	1210	20	06/21/22 12:40	06/22/22 21:11	111-44-4	L2
2-Chloronaphthalene	<498	ug/kg	3880	498	20	06/21/22 12:40	06/22/22 21:11	91-58-7	
2-Chlorophenol	<968	ug/kg	3880	968	20	06/21/22 12:40	06/22/22 21:11	95-57-8	
4-Chlorophenylphenyl ether	<722	ug/kg	3880	722	20	06/21/22 12:40	06/22/22 21:11	7005-72-3	
Chrysene	7240	ug/kg	3880	580	20	06/21/22 12:40	06/22/22 21:11	218-01-9	
Dibenz(a,h)anthracene	<1050	ug/kg	3880	1050	20	06/21/22 12:40	06/22/22 21:11	53-70-3	
Dibenzofuran	854J	ug/kg	3880	470	20	06/21/22 12:40	06/22/22 21:11	132-64-9	
1,2-Dichlorobenzene	<1220	ug/kg	3880	1220	20	06/21/22 12:40	06/22/22 21:11	95-50-1	
1,3-Dichlorobenzene	<537	ug/kg	3880	537	20	06/21/22 12:40	06/22/22 21:11	541-73-1	
1,4-Dichlorobenzene	<540	ug/kg	3880	540	20	06/21/22 12:40	06/22/22 21:11	106-46-7	
3,3'-Dichlorobenzidine	<1050	ug/kg	3880	1050	20	06/21/22 12:40	06/22/22 21:11	91-94-1	
2,4-Dichlorophenol	<1040	ug/kg	3880	1040	20	06/21/22 12:40	06/22/22 21:11	120-83-2	
Diethylphthalate	<643	ug/kg	3880	643	20	06/21/22 12:40	06/22/22 21:11	84-66-2	
2,4-Dimethylphenol	<767	ug/kg	3880	767	20	06/21/22 12:40	06/22/22 21:11	105-67-9	
Dimethylphthalate	<505	ug/kg	3880	505	20	06/21/22 12:40	06/22/22 21:11	131-11-3	
Di-n-butylphthalate	<580	ug/kg	3880	580	20	06/21/22 12:40	06/22/22 21:11	84-74-2	
4,6-Dinitro-2-methylphenol	<1200	ug/kg	3880	1200	20	06/21/22 12:40	06/22/22 21:11	534-52-1	
2,4-Dinitrophenol	<3050	ug/kg	7670	3050	20	06/21/22 12:40	06/22/22 21:11	51-28-5	
2,4-Dinitrotoluene	<555	ug/kg	3880	555	20	06/21/22 12:40	06/22/22 21:11	121-14-2	
2,6-Dinitrotoluene	<736	ug/kg	3880	736	20	06/21/22 12:40	06/22/22 21:11	606-20-2	
Di-n-octylphthalate	<872	ug/kg	3880	872	20	06/21/22 12:40	06/22/22 21:11	117-84-0	
bis(2-Ethylhexyl)phthalate	<1320	ug/kg	3880	1320	20	06/21/22 12:40	06/22/22 21:11	117-81-7	
Fluoranthene	15300	ug/kg	3880	549	20	06/21/22 12:40	06/22/22 21:11	206-44-0	
Fluorene	1470J	ug/kg	3880	453	20	06/21/22 12:40	06/22/22 21:11	86-73-7	
Hexachloro-1,3-butadiene	<988	ug/kg	3880	988	20	06/21/22 12:40	06/22/22 21:11	87-68-3	
Hexachlorobenzene	<652	ug/kg	3880	652	20	06/21/22 12:40	06/22/22 21:11	118-74-1	
Hexachlorocyclopentadiene	<918	ug/kg	3880	918	20	06/21/22 12:40	06/22/22 21:11	77-47-4	
Hexachloroethane	<621	ug/kg	3880	621	20	06/21/22 12:40	06/22/22 21:11	67-72-1	
Indeno(1,2,3-cd)pyrene	4670	ug/kg	3880	839	20	06/21/22 12:40	06/22/22 21:11	193-39-5	
Isophorone	<596	ug/kg	3880	596	20	06/21/22 12:40	06/22/22 21:11	78-59-1	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<1010	ug/kg	3880	1010	20	06/21/22 12:40	06/22/22 21:11	91-57-6	
2-Methylphenol(o-Cresol)	<705	ug/kg	3880	705	20	06/21/22 12:40	06/22/22 21:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	<711	ug/kg	3880	711	20	06/21/22 12:40	06/22/22 21:11		
Naphthalene	<1360	ug/kg	3880	1360	20	06/21/22 12:40	06/22/22 21:11	91-20-3	
2-Nitroaniline	<1110	ug/kg	3880	1110	20	06/21/22 12:40	06/22/22 21:11	88-74-4	
3-Nitroaniline	<660	ug/kg	3880	660	20	06/21/22 12:40	06/22/22 21:11	99-09-2	
4-Nitroaniline	<1610	ug/kg	3880	1610	20	06/21/22 12:40	06/22/22 21:11	100-01-6	
Nitrobenzene	<787	ug/kg	3880	787	20	06/21/22 12:40	06/22/22 21:11	98-95-3	
2-Nitrophenol	<1220	ug/kg	3880	1220	20	06/21/22 12:40	06/22/22 21:11	88-75-5	
4-Nitrophenol	<977	ug/kg	3880	977	20	06/21/22 12:40	06/22/22 21:11	100-02-7	
N-Nitroso-di-n-propylamine	<615	ug/kg	3880	615	20	06/21/22 12:40	06/22/22 21:11	621-64-7	
N-Nitrosodiphenylamine	<1020	ug/kg	3880	1020	20	06/21/22 12:40	06/22/22 21:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	<1000	ug/kg	3880	1000	20	06/21/22 12:40	06/22/22 21:11	108-60-1	
Pentachlorophenol	<854	ug/kg	3880	854	20	06/21/22 12:40	06/22/22 21:11	87-86-5	
Phenanthrene	11600	ug/kg	3880	498	20	06/21/22 12:40	06/22/22 21:11	85-01-8	
Phenol	<921	ug/kg	3880	921	20	06/21/22 12:40	06/22/22 21:11	108-95-2	D3
Pyrene	14000	ug/kg	3880	860	20	06/21/22 12:40	06/22/22 21:11	129-00-0	
1,2,4-Trichlorobenzene	<439	ug/kg	3880	439	20	06/21/22 12:40	06/22/22 21:11	120-82-1	
2,4,5-Trichlorophenol	<685	ug/kg	3880	685	20	06/21/22 12:40	06/22/22 21:11	95-95-4	
2,4,6-Trichlorophenol	<591	ug/kg	3880	591	20	06/21/22 12:40	06/22/22 21:11	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	42	%	10-125		20	06/21/22 12:40	06/22/22 21:11	4165-60-0	
2-Fluorobiphenyl (S)	48	%	12-118		20	06/21/22 12:40	06/22/22 21:11	321-60-8	
Terphenyl-d14 (S)	62	%	10-124		20	06/21/22 12:40	06/22/22 21:11	1718-51-0	
Phenol-d6 (S)	36	%	10-125		20	06/21/22 12:40	06/22/22 21:11	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		20	06/21/22 12:40	06/22/22 21:11	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		20	06/21/22 12:40	06/22/22 21:11	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:30	06/16/22 17:48	630-20-6	
1,1,1-Trichloroethane	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	<23.9	ug/kg	66.1	23.9	1	06/15/22 08:30	06/16/22 17:48	79-34-5	M1
1,1,2-Trichloroethane	<24.1	ug/kg	66.1	24.1	1	06/15/22 08:30	06/16/22 17:48	79-00-5	
1,1-Dichloroethane	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	75-34-3	
1,1-Dichloroethene	<21.9	ug/kg	66.1	21.9	1	06/15/22 08:30	06/16/22 17:48	75-35-4	M1
1,1-Dichloropropene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:30	06/16/22 17:48	563-58-6	
1,2,3-Trichlorobenzene	<73.6	ug/kg	330	73.6	1	06/15/22 08:30	06/16/22 17:48	87-61-6	
1,2,3-Trichloropropane	<32.1	ug/kg	66.1	32.1	1	06/15/22 08:30	06/16/22 17:48	96-18-4	
1,2,4-Trichlorobenzene	<54.4	ug/kg	330	54.4	1	06/15/22 08:30	06/17/22 12:49	120-82-1	M1
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.1	19.7	1	06/15/22 08:30	06/16/22 17:48	95-63-6	
1,2-Dibromo-3-chloropropane	<51.3	ug/kg	330	51.3	1	06/15/22 08:30	06/16/22 17:48	96-12-8	M1
1,2-Dibromoethane (EDB)	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	106-93-4	
1,2-Dichlorobenzene	<20.5	ug/kg	66.1	20.5	1	06/15/22 08:30	06/16/22 17:48	95-50-1	M1

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.2	ug/kg	66.1	15.2	1	06/15/22 08:30	06/16/22 17:48	107-06-2	
1,2-Dichloropropane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	78-87-5	M1
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.1	21.3	1	06/15/22 08:30	06/16/22 17:48	108-67-8	
1,3-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	541-73-1	
1,3-Dichloropropane	<14.4	ug/kg	66.1	14.4	1	06/15/22 08:30	06/16/22 17:48	142-28-9	
1,4-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	106-46-7	
2,2-Dichloropropane	<17.8	ug/kg	66.1	17.8	1	06/15/22 08:30	06/16/22 17:48	594-20-7	
2-Chlorotoluene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:30	06/16/22 17:48	95-49-8	
4-Chlorotoluene	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:30	06/16/22 17:48	106-43-4	
Benzene	<15.7	ug/kg	26.4	15.7	1	06/15/22 08:30	06/16/22 17:48	71-43-2	
Bromobenzene	<25.8	ug/kg	66.1	25.8	1	06/15/22 08:30	06/16/22 17:48	108-86-1	
Bromochloromethane	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:30	06/16/22 17:48	74-97-5	
Bromodichloromethane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	75-27-4	
Bromoform	<291	ug/kg	330	291	1	06/15/22 08:30	06/16/22 17:48	75-25-2	
Bromomethane	<92.6	ug/kg	330	92.6	1	06/15/22 08:30	06/16/22 17:48	74-83-9	
Carbon tetrachloride	<14.5	ug/kg	66.1	14.5	1	06/15/22 08:30	06/16/22 17:48	56-23-5	M1
Chlorobenzene	<7.9	ug/kg	66.1	7.9	1	06/15/22 08:30	06/16/22 17:48	108-90-7	
Chloroethane	<27.9	ug/kg	330	27.9	1	06/15/22 08:30	06/16/22 17:48	75-00-3	
Chloroform	<47.3	ug/kg	330	47.3	1	06/15/22 08:30	06/16/22 17:48	67-66-3	M1
Chloromethane	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:30	06/16/22 17:48	74-87-3	
Dibromochloromethane	<226	ug/kg	330	226	1	06/15/22 08:30	06/16/22 17:48	124-48-1	
Dibromomethane	<19.6	ug/kg	66.1	19.6	1	06/15/22 08:30	06/16/22 17:48	74-95-3	
Dichlorodifluoromethane	<28.4	ug/kg	66.1	28.4	1	06/15/22 08:30	06/16/22 17:48	75-71-8	
Diisopropyl ether	<16.4	ug/kg	66.1	16.4	1	06/15/22 08:30	06/16/22 17:48	108-20-3	
Ethylbenzene	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:30	06/16/22 17:48	100-41-4	M1
Hexachloro-1,3-butadiene	<131	ug/kg	330	131	1	06/15/22 08:30	06/16/22 17:48	87-68-3	
Isopropylbenzene (Cumene)	<17.8	ug/kg	66.1	17.8	1	06/15/22 08:30	06/16/22 17:48	98-82-8	
Methyl-tert-butyl ether	<19.4	ug/kg	66.1	19.4	1	06/15/22 08:30	06/16/22 17:48	1634-04-4	M1
Methylene Chloride	<18.4	ug/kg	66.1	18.4	1	06/15/22 08:30	06/16/22 17:48	75-09-2	
Naphthalene	37.5J	ug/kg	330	20.6	1	06/15/22 08:30	06/16/22 17:48	91-20-3	
Styrene	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:30	06/16/22 17:48	100-42-5	
Tetrachloroethene	<25.6	ug/kg	66.1	25.6	1	06/15/22 08:30	06/16/22 17:48	127-18-4	
Toluene	30.9J	ug/kg	66.1	16.7	1	06/15/22 08:30	06/16/22 17:48	108-88-3	M1
Trichloroethene	<24.7	ug/kg	66.1	24.7	1	06/15/22 08:30	06/16/22 17:48	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.1	19.2	1	06/15/22 08:30	06/16/22 17:48	75-69-4	
Vinyl chloride	<13.3	ug/kg	66.1	13.3	1	06/15/22 08:30	06/16/22 17:48	75-01-4	
cis-1,2-Dichloroethene	<14.1	ug/kg	66.1	14.1	1	06/15/22 08:30	06/16/22 17:48	156-59-2	
cis-1,3-Dichloropropene	<43.6	ug/kg	330	43.6	1	06/15/22 08:30	06/16/22 17:48	10061-01-5	
m&p-Xylene	<27.9	ug/kg	132	27.9	1	06/15/22 08:30	06/16/22 17:48	179601-23-1	
n-Butylbenzene	<30.3	ug/kg	66.1	30.3	1	06/15/22 08:30	06/16/22 17:48	104-51-8	
n-Propylbenzene	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:30	06/16/22 17:48	103-65-1	
o-Xylene	<19.8	ug/kg	66.1	19.8	1	06/15/22 08:30	06/16/22 17:48	95-47-6	
p-Isopropyltoluene	<20.1	ug/kg	66.1	20.1	1	06/15/22 08:30	06/16/22 17:48	99-87-6	
sec-Butylbenzene	<16.1	ug/kg	66.1	16.1	1	06/15/22 08:30	06/16/22 17:48	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.7	ug/kg	66.1	20.7	1	06/15/22 08:30	06/16/22 17:48	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.1	14.3	1	06/15/22 08:30	06/16/22 17:48	156-60-5	M1
trans-1,3-Dichloropropene	<189	ug/kg	330	189	1	06/15/22 08:30	06/16/22 17:48	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	138	%	69-153		1	06/15/22 08:30	06/16/22 17:48	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	06/15/22 08:30	06/16/22 17:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	71-161		1	06/15/22 08:30	06/16/22 17:48	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.055	ug/kg	1.10	0.055	1	06/16/22 11:28	06/20/22 16:56	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.066	ug/kg	1.10	0.066	1	06/16/22 11:28	06/20/22 16:56	27619-97-2	
8:2 FTS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	39108-34-4	
9Cl-PF3ONS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	756426-58-1	
11Cl-PF3OUdS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	763051-92-9	
ADONA	<0.011	ug/kg	1.10	0.011	1	06/16/22 11:28	06/20/22 16:56	919005-14-4	
Perfluorooctanesulfonamide	0.035J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	754-91-6	
HFPO-DA	<0.154	ug/kg	2.20	0.154	1	06/16/22 11:28	06/20/22 16:56	13252-13-6	
NEtFOSA	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	4151-50-2	
NEtFOSAA	0.757J	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	2991-50-6	
NEtFOSE	0.094J	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	1691-99-2	
NMeFOSA	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	31506-32-8	
NMeFOSAA	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2355-31-9	
NMeFOSE	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	24448-09-7	
Perfluorobutanoic acid	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	375-22-4	
Perfluorobutanesulfonic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-73-5	
Perfluorodecanoic acid (S)	<0.044	ug/kg	1.10	0.044	1	06/16/22 11:28	06/20/22 16:56	335-76-2	
Perfluorododecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	307-55-1	
PFDoS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	79780-39-5	
PFDS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	335-77-3	
Perfluoroheptanoic acid	0.025J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-85-9	
PFHpS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-92-8	
Perfluorohexanoic acid (S)	0.038J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	307-24-4	
Perfluorohexanesulfonic acid	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	355-46-4	
Perfluorononanoic acid	0.048J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	375-95-1	
PFNS	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	68259-12-1	
Perfluorooctanoic acid	0.160J	ug/kg	1.10	0.088	1	06/16/22 11:28	06/20/22 16:56	335-67-1	
Perfluorooctanesulfonic acid	0.936J	ug/kg	1.10	0.055	1	06/16/22 11:28	06/20/22 16:56	1763-23-1	
Perfluoropentanoic acid	0.045J	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2706-90-3	
PFPeS	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2706-91-4	
Perfluorotetradecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	376-06-7	
Perfluorotridecanoic acid	<0.033	ug/kg	1.10	0.033	1	06/16/22 11:28	06/20/22 16:56	72629-94-8	
Perfluoroundecanoic acid	<0.022	ug/kg	1.10	0.022	1	06/16/22 11:28	06/20/22 16:56	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-1**      **Lab ID: 40246376001**      Collected: 06/10/22 10:00      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	9	%	50-150		1	06/16/22 11:28	06/20/22 16:56	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	9	%	50-150		1	06/16/22 11:28	06/20/22 16:56	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	67	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2355-31-9-EI	
d5-NEtFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2991-50-6-EI	
d7-NMeFOSE	16	%	50-150		1	06/16/22 11:28	06/20/22 16:56	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	15	%	50-150		1	06/16/22 11:28	06/20/22 16:56	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	77	%	50-150		1	06/16/22 11:28	06/20/22 16:56	757124-72-4	
M2 6:2 FTS	80	%	50-150		1	06/16/22 11:28	06/20/22 16:56	27619-97-2-	
M2 8:2 FTS	92	%	50-150		1	06/16/22 11:28	06/20/22 16:56	39108-34-4-	
M2PFHxDA	79	%	50-150		1	06/16/22 11:28	06/20/22 16:56	67905-19-5-	
M2PFTeDA	79	%	50-150		1	06/16/22 11:28	06/20/22 16:56	376-06-7-EI	
M3HFPODA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	13252-13-6-	
M3PFBS	73	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-73-5-EI	
M3PFHxS	75	%	50-150		1	06/16/22 11:28	06/20/22 16:56	355-46-4-EI	
M4PFHpA	68	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-85-9-EI	
M5PFHxA	70	%	50-150		1	06/16/22 11:28	06/20/22 16:56	307-24-4-EI	
M5PFPeA	70	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2706-90-3-EI	
M6PFDA	80	%	50-150		1	06/16/22 11:28	06/20/22 16:56	335-76-2-EI	
M7PFUdA	78	%	50-150		1	06/16/22 11:28	06/20/22 16:56	2058-94-8-EI	
M8FOSA	20	%	50-150		1	06/16/22 11:28	06/20/22 16:56	754-91-6-EI	MSSV1 2.3
M8PFOA	75	%	50-150		1	06/16/22 11:28	06/20/22 16:56	335-67-1-EI	
M8PFOS	82	%	50-150		1	06/16/22 11:28	06/20/22 16:56	1763-23-1-EI	
M9PFNA	78	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 16:56	375-22-4-EI	
MPFDoA	71	%	50-150		1	06/16/22 11:28	06/20/22 16:56	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **13.9**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;18.6</b>	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Sample: SP-2 Lab ID: 40246376002 Collected: 06/10/22 10:15 Received: 06/10/22 15:40 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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11141-16-5	
PCB-1242 (Aroclor 1242)	531	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.6	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	12672-29-6	
PCB-1254 (Aroclor 1254)	103	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11097-69-1	
PCB-1260 (Aroclor 1260)	89.7	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	11096-82-5	
PCB, Total	723	ug/kg	61.1	18.6	1	06/14/22 14:14	06/15/22 23:46	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/14/22 14:14	06/15/22 23:46	877-09-8	
Decachlorobiphenyl (S)	69	%	38-95		1	06/14/22 14:14	06/15/22 23:46	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.4	mg/kg	3.0	1.8	1	06/14/22 06:32	06/14/22 17:50	7440-38-2	
Barium	118	mg/kg	0.61	0.18	1	06/14/22 06:32	06/14/22 17:50	7440-39-3	
Cadmium	0.30J	mg/kg	0.61	0.16	1	06/14/22 06:32	06/14/22 17:50	7440-43-9	
Chromium	26.4	mg/kg	1.2	0.34	1	06/14/22 06:32	06/14/22 17:50	7440-47-3	
Lead	32.6	mg/kg	2.4	0.73	1	06/14/22 06:32	06/14/22 17:50	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	06/14/22 06:32	06/14/22 17:50	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	06/14/22 06:32	06/14/22 17:50	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:43	7440-38-2	
Barium	0.39	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:43	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:43	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:43	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:43	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:43	7439-92-1	
Nickel	0.0063J	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:43	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:43	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:43	7440-22-4	
Zinc	0.012J	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:43	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:35	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.16	mg/kg	0.042	0.012	1	06/21/22 06:36	06/22/22 10:21	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<723	ug/kg	2040	723	10	06/21/22 12:40	06/22/22 16:58	83-32-9	
Acenaphthylene	<728	ug/kg	2040	728	10	06/21/22 12:40	06/22/22 16:58	208-96-8	
Anthracene	1030J	ug/kg	2040	326	10	06/21/22 12:40	06/22/22 16:58	120-12-7	
Benzo(a)anthracene	3720	ug/kg	2040	316	10	06/21/22 12:40	06/22/22 16:58	56-55-3	
Benzo(a)pyrene	3310	ug/kg	2040	307	10	06/21/22 12:40	06/22/22 16:58	50-32-8	
Benzo(b)fluoranthene	4490	ug/kg	2040	350	10	06/21/22 12:40	06/22/22 16:58	205-99-2	
Benzo(g,h,i)perylene	2340	ug/kg	2040	534	10	06/21/22 12:40	06/22/22 16:58	191-24-2	
Benzo(k)fluoranthene	1680J	ug/kg	2040	488	10	06/21/22 12:40	06/22/22 16:58	207-08-9	
4-Bromophenylphenyl ether	<427	ug/kg	2040	427	10	06/21/22 12:40	06/22/22 16:58	101-55-3	
Butylbenzylphthalate	<849	ug/kg	2040	849	10	06/21/22 12:40	06/22/22 16:58	85-68-7	
Carbazole	467J	ug/kg	2040	319	10	06/21/22 12:40	06/22/22 16:58	86-74-8	
4-Chloro-3-methylphenol	<635	ug/kg	2040	635	10	06/21/22 12:40	06/22/22 16:58	59-50-7	
4-Chloroaniline	<335	ug/kg	2040	335	10	06/21/22 12:40	06/22/22 16:58	106-47-8	1q
bis(2-Chloroethoxy)methane	<549	ug/kg	2040	549	10	06/21/22 12:40	06/22/22 16:58	111-91-1	
bis(2-Chloroethyl) ether	<637	ug/kg	2040	637	10	06/21/22 12:40	06/22/22 16:58	111-44-4	L2
2-Chloronaphthalene	<262	ug/kg	2040	262	10	06/21/22 12:40	06/22/22 16:58	91-58-7	
2-Chlorophenol	<509	ug/kg	2040	509	10	06/21/22 12:40	06/22/22 16:58	95-57-8	
4-Chlorophenylphenyl ether	<380	ug/kg	2040	380	10	06/21/22 12:40	06/22/22 16:58	7005-72-3	
Chrysene	3910	ug/kg	2040	305	10	06/21/22 12:40	06/22/22 16:58	218-01-9	
Dibenz(a,h)anthracene	591J	ug/kg	2040	554	10	06/21/22 12:40	06/22/22 16:58	53-70-3	
Dibenzofuran	<247	ug/kg	2040	247	10	06/21/22 12:40	06/22/22 16:58	132-64-9	
1,2-Dichlorobenzene	<641	ug/kg	2040	641	10	06/21/22 12:40	06/22/22 16:58	95-50-1	
1,3-Dichlorobenzene	<282	ug/kg	2040	282	10	06/21/22 12:40	06/22/22 16:58	541-73-1	
1,4-Dichlorobenzene	<284	ug/kg	2040	284	10	06/21/22 12:40	06/22/22 16:58	106-46-7	
3,3'-Dichlorobenzidine	<553	ug/kg	2040	553	10	06/21/22 12:40	06/22/22 16:58	91-94-1	
2,4-Dichlorophenol	<545	ug/kg	2040	545	10	06/21/22 12:40	06/22/22 16:58	120-83-2	
Diethylphthalate	<338	ug/kg	2040	338	10	06/21/22 12:40	06/22/22 16:58	84-66-2	
2,4-Dimethylphenol	<403	ug/kg	2040	403	10	06/21/22 12:40	06/22/22 16:58	105-67-9	
Dimethylphthalate	<265	ug/kg	2040	265	10	06/21/22 12:40	06/22/22 16:58	131-11-3	
Di-n-butylphthalate	<305	ug/kg	2040	305	10	06/21/22 12:40	06/22/22 16:58	84-74-2	
4,6-Dinitro-2-methylphenol	<629	ug/kg	2040	629	10	06/21/22 12:40	06/22/22 16:58	534-52-1	
2,4-Dinitrophenol	<1600	ug/kg	4030	1600	10	06/21/22 12:40	06/22/22 16:58	51-28-5	
2,4-Dinitrotoluene	<292	ug/kg	2040	292	10	06/21/22 12:40	06/22/22 16:58	121-14-2	
2,6-Dinitrotoluene	<387	ug/kg	2040	387	10	06/21/22 12:40	06/22/22 16:58	606-20-2	
Di-n-octylphthalate	<459	ug/kg	2040	459	10	06/21/22 12:40	06/22/22 16:58	117-84-0	
bis(2-Ethylhexyl)phthalate	<696	ug/kg	2040	696	10	06/21/22 12:40	06/22/22 16:58	117-81-7	
Fluoranthene	8520	ug/kg	2040	289	10	06/21/22 12:40	06/22/22 16:58	206-44-0	
Fluorene	546J	ug/kg	2040	238	10	06/21/22 12:40	06/22/22 16:58	86-73-7	
Hexachloro-1,3-butadiene	<520	ug/kg	2040	520	10	06/21/22 12:40	06/22/22 16:58	87-68-3	
Hexachlorobenzene	<343	ug/kg	2040	343	10	06/21/22 12:40	06/22/22 16:58	118-74-1	
Hexachlorocyclopentadiene	<483	ug/kg	2040	483	10	06/21/22 12:40	06/22/22 16:58	77-47-4	
Hexachloroethane	<326	ug/kg	2040	326	10	06/21/22 12:40	06/22/22 16:58	67-72-1	
Indeno(1,2,3-cd)pyrene	2660	ug/kg	2040	441	10	06/21/22 12:40	06/22/22 16:58	193-39-5	
Isophorone	<314	ug/kg	2040	314	10	06/21/22 12:40	06/22/22 16:58	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<530	ug/kg	2040	530	10	06/21/22 12:40	06/22/22 16:58	91-57-6	
2-Methylphenol(o-Cresol)	<371	ug/kg	2040	371	10	06/21/22 12:40	06/22/22 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	<374	ug/kg	2040	374	10	06/21/22 12:40	06/22/22 16:58		
Naphthalene	<713	ug/kg	2040	713	10	06/21/22 12:40	06/22/22 16:58	91-20-3	
2-Nitroaniline	<581	ug/kg	2040	581	10	06/21/22 12:40	06/22/22 16:58	88-74-4	
3-Nitroaniline	<347	ug/kg	2040	347	10	06/21/22 12:40	06/22/22 16:58	99-09-2	
4-Nitroaniline	<846	ug/kg	2040	846	10	06/21/22 12:40	06/22/22 16:58	100-01-6	
Nitrobenzene	<414	ug/kg	2040	414	10	06/21/22 12:40	06/22/22 16:58	98-95-3	
2-Nitrophenol	<644	ug/kg	2040	644	10	06/21/22 12:40	06/22/22 16:58	88-75-5	
4-Nitrophenol	<514	ug/kg	2040	514	10	06/21/22 12:40	06/22/22 16:58	100-02-7	
N-Nitroso-di-n-propylamine	<323	ug/kg	2040	323	10	06/21/22 12:40	06/22/22 16:58	621-64-7	
N-Nitrosodiphenylamine	<537	ug/kg	2040	537	10	06/21/22 12:40	06/22/22 16:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	<526	ug/kg	2040	526	10	06/21/22 12:40	06/22/22 16:58	108-60-1	
Pentachlorophenol	<449	ug/kg	2040	449	10	06/21/22 12:40	06/22/22 16:58	87-86-5	
Phenanthrene	4610	ug/kg	2040	262	10	06/21/22 12:40	06/22/22 16:58	85-01-8	
Phenol	<484	ug/kg	2040	484	10	06/21/22 12:40	06/22/22 16:58	108-95-2	D3
Pyrene	7600	ug/kg	2040	452	10	06/21/22 12:40	06/22/22 16:58	129-00-0	
1,2,4-Trichlorobenzene	<231	ug/kg	2040	231	10	06/21/22 12:40	06/22/22 16:58	120-82-1	
2,4,5-Trichlorophenol	<360	ug/kg	2040	360	10	06/21/22 12:40	06/22/22 16:58	95-95-4	
2,4,6-Trichlorophenol	<311	ug/kg	2040	311	10	06/21/22 12:40	06/22/22 16:58	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	10-125		10	06/21/22 12:40	06/22/22 16:58	4165-60-0	
2-Fluorobiphenyl (S)	59	%	12-118		10	06/21/22 12:40	06/22/22 16:58	321-60-8	
Terphenyl-d14 (S)	76	%	10-124		10	06/21/22 12:40	06/22/22 16:58	1718-51-0	
Phenol-d6 (S)	50	%	10-125		10	06/21/22 12:40	06/22/22 16:58	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		10	06/21/22 12:40	06/22/22 16:58	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		10	06/21/22 12:40	06/22/22 16:58	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<17.3	ug/kg	72.0	17.3	1	06/15/22 08:30	06/16/22 18:27	630-20-6	
1,1,1-Trichloroethane	68.8J	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	71-55-6	
1,1,2,2-Tetrachloroethane	<26.1	ug/kg	72.0	26.1	1	06/15/22 08:30	06/16/22 18:27	79-34-5	
1,1,2-Trichloroethane	<26.2	ug/kg	72.0	26.2	1	06/15/22 08:30	06/16/22 18:27	79-00-5	
1,1-Dichloroethane	83.1	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	75-34-3	
1,1-Dichloroethene	<23.9	ug/kg	72.0	23.9	1	06/15/22 08:30	06/16/22 18:27	75-35-4	
1,1-Dichloropropene	<23.3	ug/kg	72.0	23.3	1	06/15/22 08:30	06/16/22 18:27	563-58-6	
1,2,3-Trichlorobenzene	<80.2	ug/kg	360	80.2	1	06/15/22 08:30	06/16/22 18:27	87-61-6	
1,2,3-Trichloropropane	<35.0	ug/kg	72.0	35.0	1	06/15/22 08:30	06/16/22 18:27	96-18-4	
1,2,4-Trichlorobenzene	<59.3	ug/kg	360	59.3	1	06/15/22 08:30	06/16/22 18:27	120-82-1	
1,2,4-Trimethylbenzene	<21.4	ug/kg	72.0	21.4	1	06/15/22 08:30	06/16/22 18:27	95-63-6	
1,2-Dibromo-3-chloropropane	<55.9	ug/kg	360	55.9	1	06/15/22 08:30	06/16/22 18:27	96-12-8	
1,2-Dibromoethane (EDB)	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	106-93-4	
1,2-Dichlorobenzene	<22.3	ug/kg	72.0	22.3	1	06/15/22 08:30	06/16/22 18:27	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.6	ug/kg	72.0	16.6	1	06/15/22 08:30	06/16/22 18:27	107-06-2	
1,2-Dichloropropane	<17.1	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	78-87-5	
1,3,5-Trimethylbenzene	<23.2	ug/kg	72.0	23.2	1	06/15/22 08:30	06/16/22 18:27	108-67-8	
1,3-Dichlorobenzene	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	541-73-1	
1,3-Dichloropropane	<15.7	ug/kg	72.0	15.7	1	06/15/22 08:30	06/16/22 18:27	142-28-9	
1,4-Dichlorobenzene	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	106-46-7	
2,2-Dichloropropane	<19.4	ug/kg	72.0	19.4	1	06/15/22 08:30	06/16/22 18:27	594-20-7	
2-Chlorotoluene	<23.3	ug/kg	72.0	23.3	1	06/15/22 08:30	06/16/22 18:27	95-49-8	
4-Chlorotoluene	<27.4	ug/kg	72.0	27.4	1	06/15/22 08:30	06/16/22 18:27	106-43-4	
Benzene	<17.1	ug/kg	28.8	17.1	1	06/15/22 08:30	06/16/22 18:27	71-43-2	
Bromobenzene	<28.1	ug/kg	72.0	28.1	1	06/15/22 08:30	06/16/22 18:27	108-86-1	
Bromochloromethane	<19.7	ug/kg	72.0	19.7	1	06/15/22 08:30	06/16/22 18:27	74-97-5	
Bromodichloromethane	<17.1	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	75-27-4	
Bromoform	<317	ug/kg	360	317	1	06/15/22 08:30	06/16/22 18:27	75-25-2	
Bromomethane	<101	ug/kg	360	101	1	06/15/22 08:30	06/16/22 18:27	74-83-9	
Carbon tetrachloride	<15.8	ug/kg	72.0	15.8	1	06/15/22 08:30	06/16/22 18:27	56-23-5	
Chlorobenzene	<8.6	ug/kg	72.0	8.6	1	06/15/22 08:30	06/16/22 18:27	108-90-7	
Chloroethane	<30.4	ug/kg	360	30.4	1	06/15/22 08:30	06/16/22 18:27	75-00-3	
Chloroform	<51.5	ug/kg	360	51.5	1	06/15/22 08:30	06/16/22 18:27	67-66-3	
Chloromethane	<27.4	ug/kg	72.0	27.4	1	06/15/22 08:30	06/16/22 18:27	74-87-3	
Dibromochloromethane	<246	ug/kg	360	246	1	06/15/22 08:30	06/16/22 18:27	124-48-1	
Dibromomethane	<21.3	ug/kg	72.0	21.3	1	06/15/22 08:30	06/16/22 18:27	74-95-3	
Dichlorodifluoromethane	<30.9	ug/kg	72.0	30.9	1	06/15/22 08:30	06/16/22 18:27	75-71-8	
Diisopropyl ether	<17.8	ug/kg	72.0	17.8	1	06/15/22 08:30	06/16/22 18:27	108-20-3	
Ethylbenzene	36.3J	ug/kg	72.0	17.1	1	06/15/22 08:30	06/16/22 18:27	100-41-4	
Hexachloro-1,3-butadiene	<143	ug/kg	360	143	1	06/15/22 08:30	06/16/22 18:27	87-68-3	
Isopropylbenzene (Cumene)	<19.4	ug/kg	72.0	19.4	1	06/15/22 08:30	06/16/22 18:27	98-82-8	
Methyl-tert-butyl ether	<21.2	ug/kg	72.0	21.2	1	06/15/22 08:30	06/16/22 18:27	1634-04-4	
Methylene Chloride	<20.0	ug/kg	72.0	20.0	1	06/15/22 08:30	06/16/22 18:27	75-09-2	
Naphthalene	115J	ug/kg	360	22.5	1	06/15/22 08:30	06/16/22 18:27	91-20-3	
Styrene	<18.4	ug/kg	72.0	18.4	1	06/15/22 08:30	06/16/22 18:27	100-42-5	
Tetrachloroethene	<27.9	ug/kg	72.0	27.9	1	06/15/22 08:30	06/16/22 18:27	127-18-4	
Toluene	103	ug/kg	72.0	18.1	1	06/15/22 08:30	06/16/22 18:27	108-88-3	
Trichloroethene	<26.9	ug/kg	72.0	26.9	1	06/15/22 08:30	06/16/22 18:27	79-01-6	
Trichlorofluoromethane	<20.9	ug/kg	72.0	20.9	1	06/15/22 08:30	06/16/22 18:27	75-69-4	
Vinyl chloride	<14.5	ug/kg	72.0	14.5	1	06/15/22 08:30	06/16/22 18:27	75-01-4	
cis-1,2-Dichloroethene	16.4J	ug/kg	72.0	15.4	1	06/15/22 08:30	06/16/22 18:27	156-59-2	
cis-1,3-Dichloropropene	<47.5	ug/kg	360	47.5	1	06/15/22 08:30	06/16/22 18:27	10061-01-5	
m&p-Xylene	75.5J	ug/kg	144	30.4	1	06/15/22 08:30	06/16/22 18:27	179601-23-1	
n-Butylbenzene	<33.0	ug/kg	72.0	33.0	1	06/15/22 08:30	06/16/22 18:27	104-51-8	
n-Propylbenzene	<17.3	ug/kg	72.0	17.3	1	06/15/22 08:30	06/16/22 18:27	103-65-1	
o-Xylene	22.8J	ug/kg	72.0	21.6	1	06/15/22 08:30	06/16/22 18:27	95-47-6	
p-Isopropyltoluene	<21.9	ug/kg	72.0	21.9	1	06/15/22 08:30	06/16/22 18:27	99-87-6	
sec-Butylbenzene	<17.6	ug/kg	72.0	17.6	1	06/15/22 08:30	06/16/22 18:27	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.6	ug/kg	72.0	22.6	1	06/15/22 08:30	06/16/22 18:27	98-06-6	
trans-1,2-Dichloroethene	<15.5	ug/kg	72.0	15.5	1	06/15/22 08:30	06/16/22 18:27	156-60-5	
trans-1,3-Dichloropropene	<206	ug/kg	360	206	1	06/15/22 08:30	06/16/22 18:27	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	249	%	69-153		1	06/15/22 08:30	06/16/22 18:27	2037-26-5	S1
4-Bromofluorobenzene (S)	229	%	68-156		1	06/15/22 08:30	06/16/22 18:27	460-00-4	S1
1,2-Dichlorobenzene-d4 (S)	196	%	71-161		1	06/15/22 08:30	06/16/22 18:27	2199-69-1	S1
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.056	ug/kg	1.12	0.056	1	06/16/22 11:28	06/20/22 17:14	757124-72-4	
6:2 Fluorotelomer sulfonate	<b>0.148J</b>	ug/kg	1.12	0.067	1	06/16/22 11:28	06/20/22 17:14	27619-97-2	
8:2 FTS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	39108-34-4	
9Cl-PF3ONS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	756426-58-1	
11Cl-PF3OUdS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	763051-92-9	
ADONA	<0.011	ug/kg	1.12	0.011	1	06/16/22 11:28	06/20/22 17:14	919005-14-4	
Perfluorooctanesulfonamide	<b>0.041J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	754-91-6	
HFPO-DA	<0.156	ug/kg	2.23	0.156	1	06/16/22 11:28	06/20/22 17:14	13252-13-6	
NEtFOSA	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	4151-50-2	
NEtFOSAA	<b>0.766J</b>	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	2991-50-6	
NEtFOSE	<b>0.041J</b>	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	1691-99-2	
NMeFOSA	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	31506-32-8	
NMeFOSAA	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2355-31-9	
NMeFOSE	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	24448-09-7	
Perfluorobutanoic acid	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	375-22-4	
Perfluorobutanesulfonic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-73-5	
Perfluorodecanoic acid (S)	<0.045	ug/kg	1.12	0.045	1	06/16/22 11:28	06/20/22 17:14	335-76-2	
Perfluorododecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	307-55-1	
PFDoS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	79780-39-5	
PFDS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	335-77-3	
Perfluoroheptanoic acid	<b>0.032J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-85-9	
PFHpS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-92-8	
Perfluorohexanoic acid (S)	<b>0.047J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	307-24-4	
Perfluorohexanesulfonic acid	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	355-46-4	
Perfluorononanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	375-95-1	
PFNS	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	68259-12-1	
Perfluorooctanoic acid	<b>0.202J</b>	ug/kg	1.12	0.089	1	06/16/22 11:28	06/20/22 17:14	335-67-1	
Perfluorooctanesulfonic acid	<b>0.937J</b>	ug/kg	1.12	0.056	1	06/16/22 11:28	06/20/22 17:14	1763-23-1	
Perfluoropentanoic acid	<b>0.032J</b>	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2706-90-3	
PFPeS	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2706-91-4	
Perfluorotetradecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	376-06-7	
Perfluorotridecanoic acid	<0.033	ug/kg	1.12	0.033	1	06/16/22 11:28	06/20/22 17:14	72629-94-8	
Perfluoroundecanoic acid	<0.022	ug/kg	1.12	0.022	1	06/16/22 11:28	06/20/22 17:14	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-2**      **Lab ID: 40246376002**      Collected: 06/10/22 10:15      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	47	%	50-150		1	06/16/22 11:28	06/20/22 17:14	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	50	%	50-150		1	06/16/22 11:28	06/20/22 17:14	31506-32-8-	
d3-NMeFOSAA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2355-31-9-EI	
d5-NEtFOSAA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2991-50-6-EI	
d7-NMeFOSE	62	%	50-150		1	06/16/22 11:28	06/20/22 17:14	24448-09-7-	
d9-NEtFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 17:14	1691-99-2-EI	
M2 4:2 FTS	89	%	50-150		1	06/16/22 11:28	06/20/22 17:14	757124-72-4	
M2 6:2 FTS	86	%	50-150		1	06/16/22 11:28	06/20/22 17:14	27619-97-2-	
M2 8:2 FTS	87	%	50-150		1	06/16/22 11:28	06/20/22 17:14	39108-34-4-	
M2PFHxDA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:14	67905-19-5-	
M2PFTeDA	86	%	50-150		1	06/16/22 11:28	06/20/22 17:14	376-06-7-EI	
M3HFPODA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:14	13252-13-6-	
M3PFBS	74	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-73-5-EI	
M3PFHxS	75	%	50-150		1	06/16/22 11:28	06/20/22 17:14	355-46-4-EI	
M4PFHpA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-85-9-EI	
M5PFHxA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	307-24-4-EI	
M5PFPeA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2706-90-3-EI	
M6PFDA	85	%	50-150		1	06/16/22 11:28	06/20/22 17:14	335-76-2-EI	
M7PFUdA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:14	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 17:14	754-91-6-EI	
M8PFOA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:14	335-67-1-EI	
M8PFOS	78	%	50-150		1	06/16/22 11:28	06/20/22 17:14	1763-23-1-EI	
M9PFNA	80	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-95-1-EI	
MPFBA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:14	375-22-4-EI	
MPFDaA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:14	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **18.0**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<18.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11141-16-5	
PCB-1242 (Aroclor 1242)	774	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	53469-21-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1248 (Aroclor 1248)	<18.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	12672-29-6	
PCB-1254 (Aroclor 1254)	486	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11097-69-1	
PCB-1260 (Aroclor 1260)	85.3	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	11096-82-5	
PCB, Total	1350	ug/kg	60.1	18.3	1	06/14/22 14:14	06/16/22 00:34	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	79	%	50-99		1	06/14/22 14:14	06/16/22 00:34	877-09-8	
Decachlorobiphenyl (S)	69	%	38-95		1	06/14/22 14:14	06/16/22 00:34	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.4	mg/kg	2.9	1.7	1	06/14/22 06:32	06/14/22 17:54	7440-38-2	
Barium	117	mg/kg	0.59	0.18	1	06/14/22 06:32	06/14/22 17:54	7440-39-3	
Cadmium	0.28J	mg/kg	0.59	0.16	1	06/14/22 06:32	06/14/22 17:54	7440-43-9	
Chromium	15.7	mg/kg	1.2	0.33	1	06/14/22 06:32	06/14/22 17:54	7440-47-3	
Lead	138	mg/kg	2.3	0.70	1	06/14/22 06:32	06/14/22 17:54	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	06/14/22 06:32	06/14/22 17:54	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	06/14/22 06:32	06/14/22 17:54	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.017	mg/L	0.050	0.017	2	06/30/22 09:42	06/30/22 15:55	7440-38-2	D3
Barium	0.61	mg/L	0.010	0.0030	2	06/30/22 09:42	06/30/22 15:55	7440-39-3	
Cadmium	0.0055J	mg/L	0.010	0.0027	2	06/30/22 09:42	06/30/22 15:55	7440-43-9	D3
Chromium	<0.0051	mg/L	0.020	0.0051	2	06/30/22 09:42	06/30/22 15:55	7440-47-3	D3
Copper	5.3	mg/L	0.020	0.0067	2	06/30/22 09:42	06/30/22 15:55	7440-50-8	
Lead	0.038J	mg/L	0.040	0.012	2	06/30/22 09:42	06/30/22 15:55	7439-92-1	D3
Nickel	0.043	mg/L	0.020	0.0052	2	06/30/22 09:42	06/30/22 15:55	7440-02-0	
Selenium	<0.024	mg/L	0.080	0.024	2	06/30/22 09:42	06/30/22 15:55	7782-49-2	D3
Silver	<0.0064	mg/L	0.020	0.0064	2	06/30/22 09:42	06/30/22 15:55	7440-22-4	D3
Zinc	0.37	mg/L	0.080	0.023	2	06/30/22 09:42	06/30/22 15:55	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 09:36	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.096	mg/kg	0.037	0.011	1	06/21/22 06:36	06/22/22 10:23	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<284	ug/kg	802	284	4	06/21/22 12:40	06/22/22 17:19	83-32-9	
Acenaphthylene	<286	ug/kg	802	286	4	06/21/22 12:40	06/22/22 17:19	208-96-8	
Anthracene	439J	ug/kg	802	128	4	06/21/22 12:40	06/22/22 17:19	120-12-7	
Benzo(a)anthracene	1560	ug/kg	802	124	4	06/21/22 12:40	06/22/22 17:19	56-55-3	
Benzo(a)pyrene	1460	ug/kg	802	121	4	06/21/22 12:40	06/22/22 17:19	50-32-8	
Benzo(b)fluoranthene	1870	ug/kg	802	138	4	06/21/22 12:40	06/22/22 17:19	205-99-2	
Benzo(g,h,i)perylene	1110	ug/kg	802	210	4	06/21/22 12:40	06/22/22 17:19	191-24-2	
Benzo(k)fluoranthene	692J	ug/kg	802	192	4	06/21/22 12:40	06/22/22 17:19	207-08-9	
4-Bromophenylphenyl ether	<168	ug/kg	802	168	4	06/21/22 12:40	06/22/22 17:19	101-55-3	
Butylbenzylphthalate	<333	ug/kg	802	333	4	06/21/22 12:40	06/22/22 17:19	85-68-7	
Carbazole	192J	ug/kg	802	125	4	06/21/22 12:40	06/22/22 17:19	86-74-8	
4-Chloro-3-methylphenol	<249	ug/kg	802	249	4	06/21/22 12:40	06/22/22 17:19	59-50-7	
4-Chloroaniline	<132	ug/kg	802	132	4	06/21/22 12:40	06/22/22 17:19	106-47-8	1q
bis(2-Chloroethoxy)methane	<216	ug/kg	802	216	4	06/21/22 12:40	06/22/22 17:19	111-91-1	
bis(2-Chloroethyl) ether	<250	ug/kg	802	250	4	06/21/22 12:40	06/22/22 17:19	111-44-4	L2
2-Chloronaphthalene	<103	ug/kg	802	103	4	06/21/22 12:40	06/22/22 17:19	91-58-7	
2-Chlorophenol	<200	ug/kg	802	200	4	06/21/22 12:40	06/22/22 17:19	95-57-8	
4-Chlorophenylphenyl ether	<149	ug/kg	802	149	4	06/21/22 12:40	06/22/22 17:19	7005-72-3	
Chrysene	1610	ug/kg	802	120	4	06/21/22 12:40	06/22/22 17:19	218-01-9	
Dibenz(a,h)anthracene	286J	ug/kg	802	218	4	06/21/22 12:40	06/22/22 17:19	53-70-3	
Dibenzofuran	105J	ug/kg	802	97.0	4	06/21/22 12:40	06/22/22 17:19	132-64-9	
1,2-Dichlorobenzene	<252	ug/kg	802	252	4	06/21/22 12:40	06/22/22 17:19	95-50-1	
1,3-Dichlorobenzene	<111	ug/kg	802	111	4	06/21/22 12:40	06/22/22 17:19	541-73-1	
1,4-Dichlorobenzene	<112	ug/kg	802	112	4	06/21/22 12:40	06/22/22 17:19	106-46-7	
3,3'-Dichlorobenzidine	<217	ug/kg	802	217	4	06/21/22 12:40	06/22/22 17:19	91-94-1	
2,4-Dichlorophenol	<214	ug/kg	802	214	4	06/21/22 12:40	06/22/22 17:19	120-83-2	
Diethylphthalate	<133	ug/kg	802	133	4	06/21/22 12:40	06/22/22 17:19	84-66-2	
2,4-Dimethylphenol	<158	ug/kg	802	158	4	06/21/22 12:40	06/22/22 17:19	105-67-9	
Dimethylphthalate	<104	ug/kg	802	104	4	06/21/22 12:40	06/22/22 17:19	131-11-3	
Di-n-butylphthalate	<120	ug/kg	802	120	4	06/21/22 12:40	06/22/22 17:19	84-74-2	
4,6-Dinitro-2-methylphenol	<247	ug/kg	802	247	4	06/21/22 12:40	06/22/22 17:19	534-52-1	
2,4-Dinitrophenol	<630	ug/kg	1580	630	4	06/21/22 12:40	06/22/22 17:19	51-28-5	
2,4-Dinitrotoluene	<115	ug/kg	802	115	4	06/21/22 12:40	06/22/22 17:19	121-14-2	
2,6-Dinitrotoluene	<152	ug/kg	802	152	4	06/21/22 12:40	06/22/22 17:19	606-20-2	
Di-n-octylphthalate	<180	ug/kg	802	180	4	06/21/22 12:40	06/22/22 17:19	117-84-0	
bis(2-Ethylhexyl)phthalate	<273	ug/kg	802	273	4	06/21/22 12:40	06/22/22 17:19	117-81-7	
Fluoranthene	3030	ug/kg	802	113	4	06/21/22 12:40	06/22/22 17:19	206-44-0	
Fluorene	180J	ug/kg	802	93.6	4	06/21/22 12:40	06/22/22 17:19	86-73-7	
Hexachloro-1,3-butadiene	<204	ug/kg	802	204	4	06/21/22 12:40	06/22/22 17:19	87-68-3	
Hexachlorobenzene	<135	ug/kg	802	135	4	06/21/22 12:40	06/22/22 17:19	118-74-1	
Hexachlorocyclopentadiene	<190	ug/kg	802	190	4	06/21/22 12:40	06/22/22 17:19	77-47-4	
Hexachloroethane	<128	ug/kg	802	128	4	06/21/22 12:40	06/22/22 17:19	67-72-1	
Indeno(1,2,3-cd)pyrene	1260	ug/kg	802	173	4	06/21/22 12:40	06/22/22 17:19	193-39-5	
Isophorone	<123	ug/kg	802	123	4	06/21/22 12:40	06/22/22 17:19	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<208	ug/kg	802	208	4	06/21/22 12:40	06/22/22 17:19	91-57-6	
2-Methylphenol(o-Cresol)	<146	ug/kg	802	146	4	06/21/22 12:40	06/22/22 17:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	<147	ug/kg	802	147	4	06/21/22 12:40	06/22/22 17:19		
Naphthalene	<280	ug/kg	802	280	4	06/21/22 12:40	06/22/22 17:19	91-20-3	
2-Nitroaniline	<228	ug/kg	802	228	4	06/21/22 12:40	06/22/22 17:19	88-74-4	
3-Nitroaniline	<136	ug/kg	802	136	4	06/21/22 12:40	06/22/22 17:19	99-09-2	
4-Nitroaniline	<333	ug/kg	802	333	4	06/21/22 12:40	06/22/22 17:19	100-01-6	
Nitrobenzene	<162	ug/kg	802	162	4	06/21/22 12:40	06/22/22 17:19	98-95-3	
2-Nitrophenol	<253	ug/kg	802	253	4	06/21/22 12:40	06/22/22 17:19	88-75-5	
4-Nitrophenol	<202	ug/kg	802	202	4	06/21/22 12:40	06/22/22 17:19	100-02-7	
N-Nitroso-di-n-propylamine	<127	ug/kg	802	127	4	06/21/22 12:40	06/22/22 17:19	621-64-7	
N-Nitrosodiphenylamine	<211	ug/kg	802	211	4	06/21/22 12:40	06/22/22 17:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	<207	ug/kg	802	207	4	06/21/22 12:40	06/22/22 17:19	108-60-1	
Pentachlorophenol	<176	ug/kg	802	176	4	06/21/22 12:40	06/22/22 17:19	87-86-5	
Phenanthrene	1610	ug/kg	802	103	4	06/21/22 12:40	06/22/22 17:19	85-01-8	
Phenol	<190	ug/kg	802	190	4	06/21/22 12:40	06/22/22 17:19	108-95-2	D3
Pyrene	2590	ug/kg	802	178	4	06/21/22 12:40	06/22/22 17:19	129-00-0	
1,2,4-Trichlorobenzene	<90.6	ug/kg	802	90.6	4	06/21/22 12:40	06/22/22 17:19	120-82-1	
2,4,5-Trichlorophenol	<142	ug/kg	802	142	4	06/21/22 12:40	06/22/22 17:19	95-95-4	
2,4,6-Trichlorophenol	<122	ug/kg	802	122	4	06/21/22 12:40	06/22/22 17:19	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	10-125		4	06/21/22 12:40	06/22/22 17:19	4165-60-0	
2-Fluorobiphenyl (S)	66	%	12-118		4	06/21/22 12:40	06/22/22 17:19	321-60-8	
Terphenyl-d14 (S)	75	%	10-124		4	06/21/22 12:40	06/22/22 17:19	1718-51-0	
Phenol-d6 (S)	55	%	10-125		4	06/21/22 12:40	06/22/22 17:19	13127-88-3	
2-Fluorophenol (S)	58	%	10-130		4	06/21/22 12:40	06/22/22 17:19	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-144		4	06/21/22 12:40	06/22/22 17:19	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<16.8	ug/kg	70.2	16.8	1	06/15/22 08:30	06/16/22 18:47	630-20-6	
1,1,1-Trichloroethane	<18.0	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	71-55-6	
1,1,2,2-Tetrachloroethane	<25.4	ug/kg	70.2	25.4	1	06/15/22 08:30	06/16/22 18:47	79-34-5	
1,1,2-Trichloroethane	<25.5	ug/kg	70.2	25.5	1	06/15/22 08:30	06/16/22 18:47	79-00-5	
1,1-Dichloroethane	22.2J	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	75-34-3	
1,1-Dichloroethene	<23.3	ug/kg	70.2	23.3	1	06/15/22 08:30	06/16/22 18:47	75-35-4	
1,1-Dichloropropene	<22.7	ug/kg	70.2	22.7	1	06/15/22 08:30	06/16/22 18:47	563-58-6	
1,2,3-Trichlorobenzene	<78.2	ug/kg	351	78.2	1	06/15/22 08:30	06/16/22 18:47	87-61-6	
1,2,3-Trichloropropane	<34.1	ug/kg	70.2	34.1	1	06/15/22 08:30	06/16/22 18:47	96-18-4	
1,2,4-Trichlorobenzene	<57.8	ug/kg	351	57.8	1	06/15/22 08:30	06/16/22 18:47	120-82-1	
1,2,4-Trimethylbenzene	<20.9	ug/kg	70.2	20.9	1	06/15/22 08:30	06/16/22 18:47	95-63-6	
1,2-Dibromo-3-chloropropane	<54.4	ug/kg	351	54.4	1	06/15/22 08:30	06/16/22 18:47	96-12-8	
1,2-Dibromoethane (EDB)	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	106-93-4	
1,2-Dichlorobenzene	<21.7	ug/kg	70.2	21.7	1	06/15/22 08:30	06/16/22 18:47	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.1	ug/kg	70.2	16.1	1	06/15/22 08:30	06/16/22 18:47	107-06-2	
1,2-Dichloropropane	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	78-87-5	
1,3,5-Trimethylbenzene	<22.6	ug/kg	70.2	22.6	1	06/15/22 08:30	06/16/22 18:47	108-67-8	
1,3-Dichlorobenzene	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	541-73-1	
1,3-Dichloropropane	<15.3	ug/kg	70.2	15.3	1	06/15/22 08:30	06/16/22 18:47	142-28-9	
1,4-Dichlorobenzene	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	106-46-7	
2,2-Dichloropropane	<18.9	ug/kg	70.2	18.9	1	06/15/22 08:30	06/16/22 18:47	594-20-7	
2-Chlorotoluene	<22.7	ug/kg	70.2	22.7	1	06/15/22 08:30	06/16/22 18:47	95-49-8	
4-Chlorotoluene	<26.7	ug/kg	70.2	26.7	1	06/15/22 08:30	06/16/22 18:47	106-43-4	
Benzene	<16.7	ug/kg	28.1	16.7	1	06/15/22 08:30	06/16/22 18:47	71-43-2	
Bromobenzene	<27.4	ug/kg	70.2	27.4	1	06/15/22 08:30	06/16/22 18:47	108-86-1	
Bromochloromethane	<19.2	ug/kg	70.2	19.2	1	06/15/22 08:30	06/16/22 18:47	74-97-5	
Bromodichloromethane	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	75-27-4	
Bromoform	<309	ug/kg	351	309	1	06/15/22 08:30	06/16/22 18:47	75-25-2	
Bromomethane	<98.4	ug/kg	351	98.4	1	06/15/22 08:30	06/16/22 18:47	74-83-9	
Carbon tetrachloride	<15.4	ug/kg	70.2	15.4	1	06/15/22 08:30	06/16/22 18:47	56-23-5	
Chlorobenzene	<8.4	ug/kg	70.2	8.4	1	06/15/22 08:30	06/16/22 18:47	108-90-7	
Chloroethane	<29.6	ug/kg	351	29.6	1	06/15/22 08:30	06/16/22 18:47	75-00-3	
Chloroform	<50.2	ug/kg	351	50.2	1	06/15/22 08:30	06/16/22 18:47	67-66-3	
Chloromethane	<26.7	ug/kg	70.2	26.7	1	06/15/22 08:30	06/16/22 18:47	74-87-3	
Dibromochloromethane	<240	ug/kg	351	240	1	06/15/22 08:30	06/16/22 18:47	124-48-1	
Dibromomethane	<20.8	ug/kg	70.2	20.8	1	06/15/22 08:30	06/16/22 18:47	74-95-3	
Dichlorodifluoromethane	<30.2	ug/kg	70.2	30.2	1	06/15/22 08:30	06/16/22 18:47	75-71-8	
Diisopropyl ether	<17.4	ug/kg	70.2	17.4	1	06/15/22 08:30	06/16/22 18:47	108-20-3	
Ethylbenzene	<16.7	ug/kg	70.2	16.7	1	06/15/22 08:30	06/16/22 18:47	100-41-4	
Hexachloro-1,3-butadiene	<139	ug/kg	351	139	1	06/15/22 08:30	06/16/22 18:47	87-68-3	
Isopropylbenzene (Cumene)	<18.9	ug/kg	70.2	18.9	1	06/15/22 08:30	06/16/22 18:47	98-82-8	
Methyl-tert-butyl ether	<20.6	ug/kg	70.2	20.6	1	06/15/22 08:30	06/16/22 18:47	1634-04-4	
Methylene Chloride	<19.5	ug/kg	70.2	19.5	1	06/15/22 08:30	06/16/22 18:47	75-09-2	
Naphthalene	57.0J	ug/kg	351	21.9	1	06/15/22 08:30	06/16/22 18:47	91-20-3	
Styrene	<18.0	ug/kg	70.2	18.0	1	06/15/22 08:30	06/16/22 18:47	100-42-5	
Tetrachloroethene	<27.2	ug/kg	70.2	27.2	1	06/15/22 08:30	06/16/22 18:47	127-18-4	
Toluene	55.0J	ug/kg	70.2	17.7	1	06/15/22 08:30	06/16/22 18:47	108-88-3	
Trichloroethene	<26.2	ug/kg	70.2	26.2	1	06/15/22 08:30	06/16/22 18:47	79-01-6	
Trichlorofluoromethane	<20.3	ug/kg	70.2	20.3	1	06/15/22 08:30	06/16/22 18:47	75-69-4	
Vinyl chloride	<14.2	ug/kg	70.2	14.2	1	06/15/22 08:30	06/16/22 18:47	75-01-4	
cis-1,2-Dichloroethene	<15.0	ug/kg	70.2	15.0	1	06/15/22 08:30	06/16/22 18:47	156-59-2	
cis-1,3-Dichloropropene	<46.3	ug/kg	351	46.3	1	06/15/22 08:30	06/16/22 18:47	10061-01-5	
m&p-Xylene	<29.6	ug/kg	140	29.6	1	06/15/22 08:30	06/16/22 18:47	179601-23-1	
n-Butylbenzene	<32.1	ug/kg	70.2	32.1	1	06/15/22 08:30	06/16/22 18:47	104-51-8	
n-Propylbenzene	<16.8	ug/kg	70.2	16.8	1	06/15/22 08:30	06/16/22 18:47	103-65-1	
o-Xylene	<21.0	ug/kg	70.2	21.0	1	06/15/22 08:30	06/16/22 18:47	95-47-6	
p-Isopropyltoluene	<21.3	ug/kg	70.2	21.3	1	06/15/22 08:30	06/16/22 18:47	99-87-6	
sec-Butylbenzene	<17.1	ug/kg	70.2	17.1	1	06/15/22 08:30	06/16/22 18:47	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.0	ug/kg	70.2	22.0	1	06/15/22 08:30	06/16/22 18:47	98-06-6	
trans-1,2-Dichloroethene	<15.2	ug/kg	70.2	15.2	1	06/15/22 08:30	06/16/22 18:47	156-60-5	
trans-1,3-Dichloropropene	<201	ug/kg	351	201	1	06/15/22 08:30	06/16/22 18:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	138	%	69-153		1	06/15/22 08:30	06/16/22 18:47	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	06/15/22 08:30	06/16/22 18:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	71-161		1	06/15/22 08:30	06/16/22 18:47	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.057	ug/kg	1.14	0.057	1	06/16/22 11:28	06/20/22 17:29	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.068	ug/kg	1.14	0.068	1	06/16/22 11:28	06/20/22 17:29	27619-97-2	
8:2 FTS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	39108-34-4	
9Cl-PF3ONS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	763051-92-9	
ADONA	<0.011	ug/kg	1.14	0.011	1	06/16/22 11:28	06/20/22 17:29	919005-14-4	
Perfluorooctanesulfonamide	0.163J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	754-91-6	
HFPO-DA	<0.159	ug/kg	2.28	0.159	1	06/16/22 11:28	06/20/22 17:29	13252-13-6	
NEtFOSA	0.053J	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	4151-50-2	
NEtFOSAA	1.16	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	2991-50-6	
NEtFOSE	0.461J	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	31506-32-8	
NMeFOSAA	0.025J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2355-31-9	
NMeFOSE	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.14	0.046	1	06/16/22 11:28	06/20/22 17:29	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	307-55-1	
PFDoS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	79780-39-5	
PFDS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	335-77-3	
Perfluoroheptanoic acid	0.046J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-85-9	
PFHpS	0.026J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-92-8	
Perfluorohexanoic acid (S)	0.053J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	307-24-4	
Perfluorohexanesulfonic acid	0.038J	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	355-46-4	
Perfluorononanoic acid	0.057J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	375-95-1	
PFNS	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	68259-12-1	
Perfluorooctanoic acid	0.297J	ug/kg	1.14	0.091	1	06/16/22 11:28	06/20/22 17:29	335-67-1	
Perfluorooctanesulfonic acid	3.44	ug/kg	1.14	0.057	1	06/16/22 11:28	06/20/22 17:29	1763-23-1	
Perfluoropentanoic acid	0.047J	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2706-90-3	
PFPeS	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	376-06-7	
Perfluorotridecanoic acid	<0.034	ug/kg	1.14	0.034	1	06/16/22 11:28	06/20/22 17:29	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.14	0.023	1	06/16/22 11:28	06/20/22 17:29	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-3**      **Lab ID: 40246376003**      Collected: 06/10/22 10:30      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	16	%	50-150		1	06/16/22 11:28	06/20/22 17:29	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	14	%	50-150		1	06/16/22 11:28	06/20/22 17:29	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	69	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2355-31-9-EI	
d5-NEtFOSAA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2991-50-6-EI	
d7-NMeFOSE	27	%	50-150		1	06/16/22 11:28	06/20/22 17:29	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	34	%	50-150		1	06/16/22 11:28	06/20/22 17:29	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	96	%	50-150		1	06/16/22 11:28	06/20/22 17:29	757124-72-4	
M2 6:2 FTS	94	%	50-150		1	06/16/22 11:28	06/20/22 17:29	27619-97-2-	
M2 8:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 17:29	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 17:29	67905-19-5-	
M2PFTeDA	97	%	50-150		1	06/16/22 11:28	06/20/22 17:29	376-06-7-EI	
M3HFPODA	78	%	50-150		1	06/16/22 11:28	06/20/22 17:29	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	355-46-4-EI	
M4PFHpA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:29	307-24-4-EI	
M5PFPeA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2706-90-3-EI	
M6PFDA	84	%	50-150		1	06/16/22 11:28	06/20/22 17:29	335-76-2-EI	
M7PFUdA	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	2058-94-8-EI	
M8FOSA	38	%	50-150		1	06/16/22 11:28	06/20/22 17:29	754-91-6-EI	MSSV1 2.3
M8PFOA	77	%	50-150		1	06/16/22 11:28	06/20/22 17:29	335-67-1-EI	
M8PFOS	84	%	50-150		1	06/16/22 11:28	06/20/22 17:29	1763-23-1-EI	
M9PFNA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-95-1-EI	
MPFBA	72	%	50-150		1	06/16/22 11:28	06/20/22 17:29	375-22-4-EI	
MPFD <sub>o</sub> A	81	%	50-150		1	06/16/22 11:28	06/20/22 17:29	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **16.8**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;17.6</b>	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11141-16-5	
PCB-1242 (Aroclor 1242)	106	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.6	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	12672-29-6	
PCB-1254 (Aroclor 1254)	49.1J	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11097-69-1	
PCB-1260 (Aroclor 1260)	100	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	11096-82-5	
PCB, Total	255	ug/kg	57.7	17.6	1	06/14/22 14:14	06/16/22 01:23	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	80	%	50-99		1	06/14/22 14:14	06/16/22 01:23	877-09-8	
Decachlorobiphenyl (S)	70	%	38-95		1	06/14/22 14:14	06/16/22 01:23	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.3	mg/kg	2.8	1.7	1	06/14/22 06:32	06/14/22 17:57	7440-38-2	
Barium	120	mg/kg	0.57	0.17	1	06/14/22 06:32	06/14/22 17:57	7440-39-3	
Cadmium	0.18J	mg/kg	0.57	0.15	1	06/14/22 06:32	06/14/22 17:57	7440-43-9	
Chromium	22.8	mg/kg	1.1	0.31	1	06/14/22 06:32	06/14/22 17:57	7440-47-3	
Lead	19.2	mg/kg	2.3	0.68	1	06/14/22 06:32	06/14/22 17:57	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	06/14/22 06:32	06/14/22 17:57	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	06/14/22 06:32	06/14/22 17:57	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<0.0083	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:47	7440-38-2	
Barium	0.24	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:47	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:47	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:47	7440-47-3	
Copper	<0.0034	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:47	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:47	7439-92-1	
Nickel	0.0071J	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:47	7440-02-0	2q
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:47	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:47	7440-22-4	
Zinc	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:47	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:37	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.015J	mg/kg	0.039	0.011	1	06/21/22 06:36	06/22/22 10:25	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<273	ug/kg	770	273	4	06/21/22 12:40	06/23/22 19:18	83-32-9	
Acenaphthylene	<275	ug/kg	770	275	4	06/21/22 12:40	06/23/22 19:18	208-96-8	
Anthracene	<123	ug/kg	770	123	4	06/21/22 12:40	06/23/22 19:18	120-12-7	
Benzo(a)anthracene	154J	ug/kg	770	119	4	06/21/22 12:40	06/23/22 19:18	56-55-3	
Benzo(a)pyrene	150J	ug/kg	770	116	4	06/21/22 12:40	06/23/22 19:18	50-32-8	
Benzo(b)fluoranthene	206J	ug/kg	770	132	4	06/21/22 12:40	06/23/22 19:18	205-99-2	
Benzo(g,h,i)perylene	<201	ug/kg	770	201	4	06/21/22 12:40	06/23/22 19:18	191-24-2	
Benzo(k)fluoranthene	<184	ug/kg	770	184	4	06/21/22 12:40	06/23/22 19:18	207-08-9	
4-Bromophenylphenyl ether	<161	ug/kg	770	161	4	06/21/22 12:40	06/23/22 19:18	101-55-3	
Butylbenzylphthalate	<320	ug/kg	770	320	4	06/21/22 12:40	06/23/22 19:18	85-68-7	
Carbazole	<121	ug/kg	770	121	4	06/21/22 12:40	06/23/22 19:18	86-74-8	
4-Chloro-3-methylphenol	<240	ug/kg	770	240	4	06/21/22 12:40	06/23/22 19:18	59-50-7	
4-Chloroaniline	<127	ug/kg	770	127	4	06/21/22 12:40	06/23/22 19:18	106-47-8	4q
bis(2-Chloroethoxy)methane	<207	ug/kg	770	207	4	06/21/22 12:40	06/23/22 19:18	111-91-1	
bis(2-Chloroethyl) ether	<240	ug/kg	770	240	4	06/21/22 12:40	06/23/22 19:18	111-44-4	L2
2-Chloronaphthalene	<98.8	ug/kg	770	98.8	4	06/21/22 12:40	06/23/22 19:18	91-58-7	
2-Chlorophenol	<192	ug/kg	770	192	4	06/21/22 12:40	06/23/22 19:18	95-57-8	
4-Chlorophenylphenyl ether	<143	ug/kg	770	143	4	06/21/22 12:40	06/23/22 19:18	7005-72-3	
Chrysene	198J	ug/kg	770	115	4	06/21/22 12:40	06/23/22 19:18	218-01-9	
Dibenz(a,h)anthracene	<209	ug/kg	770	209	4	06/21/22 12:40	06/23/22 19:18	53-70-3	
Dibenzofuran	<93.2	ug/kg	770	93.2	4	06/21/22 12:40	06/23/22 19:18	132-64-9	
1,2-Dichlorobenzene	<242	ug/kg	770	242	4	06/21/22 12:40	06/23/22 19:18	95-50-1	
1,3-Dichlorobenzene	<107	ug/kg	770	107	4	06/21/22 12:40	06/23/22 19:18	541-73-1	
1,4-Dichlorobenzene	<107	ug/kg	770	107	4	06/21/22 12:40	06/23/22 19:18	106-46-7	
3,3'-Dichlorobenzidine	<209	ug/kg	770	209	4	06/21/22 12:40	06/23/22 19:18	91-94-1	
2,4-Dichlorophenol	<206	ug/kg	770	206	4	06/21/22 12:40	06/23/22 19:18	120-83-2	
Diethylphthalate	<128	ug/kg	770	128	4	06/21/22 12:40	06/23/22 19:18	84-66-2	
2,4-Dimethylphenol	<152	ug/kg	770	152	4	06/21/22 12:40	06/23/22 19:18	105-67-9	
Dimethylphthalate	<100	ug/kg	770	100	4	06/21/22 12:40	06/23/22 19:18	131-11-3	
Di-n-butylphthalate	<115	ug/kg	770	115	4	06/21/22 12:40	06/23/22 19:18	84-74-2	
4,6-Dinitro-2-methylphenol	<237	ug/kg	770	237	4	06/21/22 12:40	06/23/22 19:18	534-52-1	
2,4-Dinitrophenol	<605	ug/kg	1520	605	4	06/21/22 12:40	06/23/22 19:18	51-28-5	
2,4-Dinitrotoluene	<110	ug/kg	770	110	4	06/21/22 12:40	06/23/22 19:18	121-14-2	
2,6-Dinitrotoluene	<146	ug/kg	770	146	4	06/21/22 12:40	06/23/22 19:18	606-20-2	
Di-n-octylphthalate	<173	ug/kg	770	173	4	06/21/22 12:40	06/23/22 19:18	117-84-0	
bis(2-Ethylhexyl)phthalate	<263	ug/kg	770	263	4	06/21/22 12:40	06/23/22 19:18	117-81-7	
Fluoranthene	305J	ug/kg	770	109	4	06/21/22 12:40	06/23/22 19:18	206-44-0	
Fluorene	<90.0	ug/kg	770	90.0	4	06/21/22 12:40	06/23/22 19:18	86-73-7	
Hexachloro-1,3-butadiene	<196	ug/kg	770	196	4	06/21/22 12:40	06/23/22 19:18	87-68-3	
Hexachlorobenzene	<129	ug/kg	770	129	4	06/21/22 12:40	06/23/22 19:18	118-74-1	
Hexachlorocyclopentadiene	<182	ug/kg	770	182	4	06/21/22 12:40	06/23/22 19:18	77-47-4	
Hexachloroethane	<123	ug/kg	770	123	4	06/21/22 12:40	06/23/22 19:18	67-72-1	
Indeno(1,2,3-cd)pyrene	<167	ug/kg	770	167	4	06/21/22 12:40	06/23/22 19:18	193-39-5	
Isophorone	<118	ug/kg	770	118	4	06/21/22 12:40	06/23/22 19:18	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<200	ug/kg	770	200	4	06/21/22 12:40	06/23/22 19:18	91-57-6	
2-Methylphenol(o-Cresol)	<140	ug/kg	770	140	4	06/21/22 12:40	06/23/22 19:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	<141	ug/kg	770	141	4	06/21/22 12:40	06/23/22 19:18		
Naphthalene	<269	ug/kg	770	269	4	06/21/22 12:40	06/23/22 19:18	91-20-3	
2-Nitroaniline	<219	ug/kg	770	219	4	06/21/22 12:40	06/23/22 19:18	88-74-4	
3-Nitroaniline	<131	ug/kg	770	131	4	06/21/22 12:40	06/23/22 19:18	99-09-2	
4-Nitroaniline	<320	ug/kg	770	320	4	06/21/22 12:40	06/23/22 19:18	100-01-6	
Nitrobenzene	<156	ug/kg	770	156	4	06/21/22 12:40	06/23/22 19:18	98-95-3	
2-Nitrophenol	<243	ug/kg	770	243	4	06/21/22 12:40	06/23/22 19:18	88-75-5	
4-Nitrophenol	<194	ug/kg	770	194	4	06/21/22 12:40	06/23/22 19:18	100-02-7	
N-Nitroso-di-n-propylamine	<122	ug/kg	770	122	4	06/21/22 12:40	06/23/22 19:18	621-64-7	
N-Nitrosodiphenylamine	<203	ug/kg	770	203	4	06/21/22 12:40	06/23/22 19:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	<199	ug/kg	770	199	4	06/21/22 12:40	06/23/22 19:18	108-60-1	
Pentachlorophenol	<170	ug/kg	770	170	4	06/21/22 12:40	06/23/22 19:18	87-86-5	
Phenanthrene	200J	ug/kg	770	98.8	4	06/21/22 12:40	06/23/22 19:18	85-01-8	
Phenol	<183	ug/kg	770	183	4	06/21/22 12:40	06/23/22 19:18	108-95-2	D3
Pyrene	270J	ug/kg	770	171	4	06/21/22 12:40	06/23/22 19:18	129-00-0	
1,2,4-Trichlorobenzene	<87.0	ug/kg	770	87.0	4	06/21/22 12:40	06/23/22 19:18	120-82-1	
2,4,5-Trichlorophenol	<136	ug/kg	770	136	4	06/21/22 12:40	06/23/22 19:18	95-95-4	
2,4,6-Trichlorophenol	<117	ug/kg	770	117	4	06/21/22 12:40	06/23/22 19:18	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	60	%	10-125		4	06/21/22 12:40	06/23/22 19:18	4165-60-0	
2-Fluorobiphenyl (S)	63	%	12-118		4	06/21/22 12:40	06/23/22 19:18	321-60-8	
Terphenyl-d14 (S)	79	%	10-124		4	06/21/22 12:40	06/23/22 19:18	1718-51-0	
Phenol-d6 (S)	59	%	10-125		4	06/21/22 12:40	06/23/22 19:18	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		4	06/21/22 12:40	06/23/22 19:18	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-144		4	06/21/22 12:40	06/23/22 19:18	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<15.7	ug/kg	65.5	15.7	1	06/15/22 08:30	06/16/22 19:06	630-20-6	
1,1,1-Trichloroethane	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	71-55-6	
1,1,2,2-Tetrachloroethane	<23.7	ug/kg	65.5	23.7	1	06/15/22 08:30	06/16/22 19:06	79-34-5	
1,1,2-Trichloroethane	<23.8	ug/kg	65.5	23.8	1	06/15/22 08:30	06/16/22 19:06	79-00-5	
1,1-Dichloroethane	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	75-34-3	
1,1-Dichloroethene	<21.7	ug/kg	65.5	21.7	1	06/15/22 08:30	06/16/22 19:06	75-35-4	
1,1-Dichloropropene	<21.2	ug/kg	65.5	21.2	1	06/15/22 08:30	06/16/22 19:06	563-58-6	
1,2,3-Trichlorobenzene	<73.0	ug/kg	327	73.0	1	06/15/22 08:30	06/16/22 19:06	87-61-6	
1,2,3-Trichloropropane	<31.8	ug/kg	65.5	31.8	1	06/15/22 08:30	06/16/22 19:06	96-18-4	
1,2,4-Trichlorobenzene	<54.0	ug/kg	327	54.0	1	06/15/22 08:30	06/16/22 19:06	120-82-1	
1,2,4-Trimethylbenzene	37.2J	ug/kg	65.5	19.5	1	06/15/22 08:30	06/16/22 19:06	95-63-6	
1,2-Dibromo-3-chloropropane	<50.8	ug/kg	327	50.8	1	06/15/22 08:30	06/16/22 19:06	96-12-8	
1,2-Dibromoethane (EDB)	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	106-93-4	
1,2-Dichlorobenzene	<20.3	ug/kg	65.5	20.3	1	06/15/22 08:30	06/16/22 19:06	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.1	ug/kg	65.5	15.1	1	06/15/22 08:30	06/16/22 19:06	107-06-2	
1,2-Dichloropropane	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	78-87-5	
1,3,5-Trimethylbenzene	<21.1	ug/kg	65.5	21.1	1	06/15/22 08:30	06/16/22 19:06	108-67-8	
1,3-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	541-73-1	
1,3-Dichloropropane	<14.3	ug/kg	65.5	14.3	1	06/15/22 08:30	06/16/22 19:06	142-28-9	
1,4-Dichlorobenzene	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	106-46-7	
2,2-Dichloropropane	<17.7	ug/kg	65.5	17.7	1	06/15/22 08:30	06/16/22 19:06	594-20-7	
2-Chlorotoluene	<21.2	ug/kg	65.5	21.2	1	06/15/22 08:30	06/16/22 19:06	95-49-8	
4-Chlorotoluene	<24.9	ug/kg	65.5	24.9	1	06/15/22 08:30	06/16/22 19:06	106-43-4	
Benzene	<15.6	ug/kg	26.2	15.6	1	06/15/22 08:30	06/16/22 19:06	71-43-2	
Bromobenzene	<25.5	ug/kg	65.5	25.5	1	06/15/22 08:30	06/16/22 19:06	108-86-1	
Bromochloromethane	<17.9	ug/kg	65.5	17.9	1	06/15/22 08:30	06/16/22 19:06	74-97-5	
Bromodichloromethane	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	75-27-4	
Bromoform	<288	ug/kg	327	288	1	06/15/22 08:30	06/16/22 19:06	75-25-2	
Bromomethane	<91.8	ug/kg	327	91.8	1	06/15/22 08:30	06/16/22 19:06	74-83-9	
Carbon tetrachloride	<14.4	ug/kg	65.5	14.4	1	06/15/22 08:30	06/16/22 19:06	56-23-5	
Chlorobenzene	<7.8	ug/kg	65.5	7.8	1	06/15/22 08:30	06/16/22 19:06	108-90-7	
Chloroethane	<27.6	ug/kg	327	27.6	1	06/15/22 08:30	06/16/22 19:06	75-00-3	
Chloroform	<46.9	ug/kg	327	46.9	1	06/15/22 08:30	06/16/22 19:06	67-66-3	
Chloromethane	<24.9	ug/kg	65.5	24.9	1	06/15/22 08:30	06/16/22 19:06	74-87-3	
Dibromochloromethane	<224	ug/kg	327	224	1	06/15/22 08:30	06/16/22 19:06	124-48-1	
Dibromomethane	<19.4	ug/kg	65.5	19.4	1	06/15/22 08:30	06/16/22 19:06	74-95-3	
Dichlorodifluoromethane	<28.2	ug/kg	65.5	28.2	1	06/15/22 08:30	06/16/22 19:06	75-71-8	
Diisopropyl ether	<16.2	ug/kg	65.5	16.2	1	06/15/22 08:30	06/16/22 19:06	108-20-3	
Ethylbenzene	<15.6	ug/kg	65.5	15.6	1	06/15/22 08:30	06/16/22 19:06	100-41-4	
Hexachloro-1,3-butadiene	<130	ug/kg	327	130	1	06/15/22 08:30	06/16/22 19:06	87-68-3	
Isopropylbenzene (Cumene)	<17.7	ug/kg	65.5	17.7	1	06/15/22 08:30	06/16/22 19:06	98-82-8	
Methyl-tert-butyl ether	<19.3	ug/kg	65.5	19.3	1	06/15/22 08:30	06/16/22 19:06	1634-04-4	
Methylene Chloride	<18.2	ug/kg	65.5	18.2	1	06/15/22 08:30	06/16/22 19:06	75-09-2	
Naphthalene	68.2J	ug/kg	327	20.4	1	06/15/22 08:30	06/16/22 19:06	91-20-3	
Styrene	<16.8	ug/kg	65.5	16.8	1	06/15/22 08:30	06/16/22 19:06	100-42-5	
Tetrachloroethene	<25.4	ug/kg	65.5	25.4	1	06/15/22 08:30	06/16/22 19:06	127-18-4	
Toluene	50.7J	ug/kg	65.5	16.5	1	06/15/22 08:30	06/16/22 19:06	108-88-3	
Trichloroethene	<24.5	ug/kg	65.5	24.5	1	06/15/22 08:30	06/16/22 19:06	79-01-6	
Trichlorofluoromethane	<19.0	ug/kg	65.5	19.0	1	06/15/22 08:30	06/16/22 19:06	75-69-4	
Vinyl chloride	<13.2	ug/kg	65.5	13.2	1	06/15/22 08:30	06/16/22 19:06	75-01-4	
cis-1,2-Dichloroethene	<14.0	ug/kg	65.5	14.0	1	06/15/22 08:30	06/16/22 19:06	156-59-2	
cis-1,3-Dichloropropene	<43.2	ug/kg	327	43.2	1	06/15/22 08:30	06/16/22 19:06	10061-01-5	
m&p-Xylene	43.9J	ug/kg	131	27.6	1	06/15/22 08:30	06/16/22 19:06	179601-23-1	
n-Butylbenzene	<30.0	ug/kg	65.5	30.0	1	06/15/22 08:30	06/16/22 19:06	104-51-8	
n-Propylbenzene	16.5J	ug/kg	65.5	15.7	1	06/15/22 08:30	06/16/22 19:06	103-65-1	
o-Xylene	29.8J	ug/kg	65.5	19.6	1	06/15/22 08:30	06/16/22 19:06	95-47-6	
p-Isopropyltoluene	<19.9	ug/kg	65.5	19.9	1	06/15/22 08:30	06/16/22 19:06	99-87-6	
sec-Butylbenzene	<16.0	ug/kg	65.5	16.0	1	06/15/22 08:30	06/16/22 19:06	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.6	ug/kg	65.5	20.6	1	06/15/22 08:30	06/16/22 19:06	98-06-6	
trans-1,2-Dichloroethene	<14.1	ug/kg	65.5	14.1	1	06/15/22 08:30	06/16/22 19:06	156-60-5	
trans-1,3-Dichloropropene	<187	ug/kg	327	187	1	06/15/22 08:30	06/16/22 19:06	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	156	%	69-153		1	06/15/22 08:30	06/16/22 19:06	2037-26-5	S3
4-Bromofluorobenzene (S)	150	%	68-156		1	06/15/22 08:30	06/16/22 19:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	132	%	71-161		1	06/15/22 08:30	06/16/22 19:06	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.052	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 17:43	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.062	ug/kg	1.04	0.062	1	06/16/22 11:28	06/20/22 17:43	27619-97-2	
8:2 FTS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	39108-34-4	
9Cl-PF3ONS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	756426-58-1	
11Cl-PF3OUdS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	763051-92-9	
ADONA	<0.010	ug/kg	1.04	0.010	1	06/16/22 11:28	06/20/22 17:43	919005-14-4	
Perfluorooctanesulfonamide	0.084J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	754-91-6	
HFPO-DA	<0.146	ug/kg	2.08	0.146	1	06/16/22 11:28	06/20/22 17:43	13252-13-6	
NEtFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	4151-50-2	
NEtFOSAA	0.878J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	2991-50-6	
NEtFOSE	0.083J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	1691-99-2	
NMeFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	31506-32-8	
NMeFOSAA	0.027J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2355-31-9	
NMeFOSE	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	24448-09-7	
Perfluorobutanoic acid	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	375-22-4	
Perfluorobutanesulfonic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-73-5	
Perfluorodecanoic acid (S)	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 17:43	335-76-2	
Perfluorododecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	307-55-1	
PFDoS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	79780-39-5	
PFDS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	335-77-3	
Perfluoroheptanoic acid	0.026J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-85-9	
PFHpS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-92-8	
Perfluorohexanoic acid (S)	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	307-24-4	
Perfluorohexanesulfonic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	355-46-4	
Perfluorononanoic acid	0.035J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	375-95-1	
PFNS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	68259-12-1	
Perfluorooctanoic acid	0.280J	ug/kg	1.04	0.083	1	06/16/22 11:28	06/20/22 17:43	335-67-1	
Perfluorooctanesulfonic acid	1.48	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 17:43	1763-23-1	
Perfluoropentanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2706-90-3	
PFPeS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2706-91-4	
Perfluorotetradecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	376-06-7	
Perfluorotridecanoic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 17:43	72629-94-8	
Perfluoroundecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 17:43	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-4**      **Lab ID: 40246376004**      Collected: 06/10/22 10:45      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	40	%	50-150		1	06/16/22 11:28	06/20/22 17:43	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	42	%	50-150		1	06/16/22 11:28	06/20/22 17:43	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	66	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2355-31-9-EI	
d5-NEtFOSAA	73	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2991-50-6-EI	
d7-NMeFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 17:43	24448-09-7-	
d9-NEtFOSE	53	%	50-150		1	06/16/22 11:28	06/20/22 17:43	1691-99-2-EI	
M2 4:2 FTS	79	%	50-150		1	06/16/22 11:28	06/20/22 17:43	757124-72-4	
M2 6:2 FTS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:43	27619-97-2-	
M2 8:2 FTS	91	%	50-150		1	06/16/22 11:28	06/20/22 17:43	39108-34-4-	
M2PFHxDA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	67905-19-5-	
M2PFTeDA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:43	376-06-7-EI	
M3HFPODA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:43	13252-13-6-	
M3PFBS	71	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-73-5-EI	
M3PFHxS	73	%	50-150		1	06/16/22 11:28	06/20/22 17:43	355-46-4-EI	
M4PFHpA	69	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-85-9-EI	
M5PFHxA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:43	307-24-4-EI	
M5PFPeA	70	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2706-90-3-EI	
M6PFDA	84	%	50-150		1	06/16/22 11:28	06/20/22 17:43	335-76-2-EI	
M7PFUdA	82	%	50-150		1	06/16/22 11:28	06/20/22 17:43	2058-94-8-EI	
M8FOSA	63	%	50-150		1	06/16/22 11:28	06/20/22 17:43	754-91-6-EI	
M8PFOA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	335-67-1-EI	
M8PFOS	79	%	50-150		1	06/16/22 11:28	06/20/22 17:43	1763-23-1-EI	
M9PFNA	80	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-95-1-EI	
MPFBA	67	%	50-150		1	06/16/22 11:28	06/20/22 17:43	375-22-4-EI	
MPFDoA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:43	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **13.4**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.0	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11141-16-5	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>545</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;18.0</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>95.7</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>61.3</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	11096-82-5	
PCB, Total	<b>702</b>	ug/kg	59.1	18.0	1	06/14/22 14:14	06/16/22 02:11	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	81	%	50-99		1	06/14/22 14:14	06/16/22 02:11	877-09-8	
Decachlorobiphenyl (S)	73	%	38-95		1	06/14/22 14:14	06/16/22 02:11	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>4.0</b>	mg/kg	2.8	1.7	1	06/14/22 06:32	06/14/22 17:59	7440-38-2	
Barium	<b>65.7</b>	mg/kg	0.57	0.17	1	06/14/22 06:32	06/14/22 17:59	7440-39-3	
Cadmium	<b>&lt;0.15</b>	mg/kg	0.57	0.15	1	06/14/22 06:32	06/14/22 17:59	7440-43-9	
Chromium	<b>19.1</b>	mg/kg	1.1	0.32	1	06/14/22 06:32	06/14/22 17:59	7440-47-3	
Lead	<b>9.2</b>	mg/kg	2.3	0.68	1	06/14/22 06:32	06/14/22 17:59	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.5	1.5	1	06/14/22 06:32	06/14/22 17:59	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.1	0.35	1	06/14/22 06:32	06/14/22 17:59	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.0093J</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:53	7440-38-2	3q
Barium	<b>0.47</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:53	7440-39-3	
Cadmium	<b>0.0014J</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:53	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:53	7440-47-3	
Copper	<b>0.0037J</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:53	7440-50-8	
Lead	<b>&lt;0.0059</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:53	7439-92-1	
Nickel	<b>0.015</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:53	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:53	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:53	7440-22-4	
Zinc	<b>0.036J</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:53	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:42	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.11</b>	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:32	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<280	ug/kg	791	280	4	06/21/22 12:40	06/22/22 18:02	83-32-9	
Acenaphthylene	<282	ug/kg	791	282	4	06/21/22 12:40	06/22/22 18:02	208-96-8	
Anthracene	<126	ug/kg	791	126	4	06/21/22 12:40	06/22/22 18:02	120-12-7	
Benzo(a)anthracene	299J	ug/kg	791	122	4	06/21/22 12:40	06/22/22 18:02	56-55-3	
Benzo(a)pyrene	287J	ug/kg	791	119	4	06/21/22 12:40	06/22/22 18:02	50-32-8	
Benzo(b)fluoranthene	362J	ug/kg	791	136	4	06/21/22 12:40	06/22/22 18:02	205-99-2	
Benzo(g,h,i)perylene	237J	ug/kg	791	207	4	06/21/22 12:40	06/22/22 18:02	191-24-2	
Benzo(k)fluoranthene	<189	ug/kg	791	189	4	06/21/22 12:40	06/22/22 18:02	207-08-9	
4-Bromophenylphenyl ether	<166	ug/kg	791	166	4	06/21/22 12:40	06/22/22 18:02	101-55-3	
Butylbenzylphthalate	<329	ug/kg	791	329	4	06/21/22 12:40	06/22/22 18:02	85-68-7	
Carbazole	<124	ug/kg	791	124	4	06/21/22 12:40	06/22/22 18:02	86-74-8	
4-Chloro-3-methylphenol	<246	ug/kg	791	246	4	06/21/22 12:40	06/22/22 18:02	59-50-7	
4-Chloroaniline	<130	ug/kg	791	130	4	06/21/22 12:40	06/22/22 18:02	106-47-8	1q
bis(2-Chloroethoxy)methane	<213	ug/kg	791	213	4	06/21/22 12:40	06/22/22 18:02	111-91-1	
bis(2-Chloroethyl) ether	<247	ug/kg	791	247	4	06/21/22 12:40	06/22/22 18:02	111-44-4	L2
2-Chloronaphthalene	<102	ug/kg	791	102	4	06/21/22 12:40	06/22/22 18:02	91-58-7	
2-Chlorophenol	<197	ug/kg	791	197	4	06/21/22 12:40	06/22/22 18:02	95-57-8	
4-Chlorophenylphenyl ether	<147	ug/kg	791	147	4	06/21/22 12:40	06/22/22 18:02	7005-72-3	
Chrysene	326J	ug/kg	791	118	4	06/21/22 12:40	06/22/22 18:02	218-01-9	
Dibenz(a,h)anthracene	<215	ug/kg	791	215	4	06/21/22 12:40	06/22/22 18:02	53-70-3	
Dibenzofuran	<95.7	ug/kg	791	95.7	4	06/21/22 12:40	06/22/22 18:02	132-64-9	
1,2-Dichlorobenzene	<249	ug/kg	791	249	4	06/21/22 12:40	06/22/22 18:02	95-50-1	
1,3-Dichlorobenzene	<110	ug/kg	791	110	4	06/21/22 12:40	06/22/22 18:02	541-73-1	
1,4-Dichlorobenzene	<110	ug/kg	791	110	4	06/21/22 12:40	06/22/22 18:02	106-46-7	
3,3'-Dichlorobenzidine	<215	ug/kg	791	215	4	06/21/22 12:40	06/22/22 18:02	91-94-1	
2,4-Dichlorophenol	<211	ug/kg	791	211	4	06/21/22 12:40	06/22/22 18:02	120-83-2	
Diethylphthalate	<131	ug/kg	791	131	4	06/21/22 12:40	06/22/22 18:02	84-66-2	
2,4-Dimethylphenol	<156	ug/kg	791	156	4	06/21/22 12:40	06/22/22 18:02	105-67-9	
Dimethylphthalate	<103	ug/kg	791	103	4	06/21/22 12:40	06/22/22 18:02	131-11-3	
Di-n-butylphthalate	<118	ug/kg	791	118	4	06/21/22 12:40	06/22/22 18:02	84-74-2	
4,6-Dinitro-2-methylphenol	<244	ug/kg	791	244	4	06/21/22 12:40	06/22/22 18:02	534-52-1	
2,4-Dinitrophenol	<622	ug/kg	1560	622	4	06/21/22 12:40	06/22/22 18:02	51-28-5	
2,4-Dinitrotoluene	<113	ug/kg	791	113	4	06/21/22 12:40	06/22/22 18:02	121-14-2	
2,6-Dinitrotoluene	<150	ug/kg	791	150	4	06/21/22 12:40	06/22/22 18:02	606-20-2	
Di-n-octylphthalate	<178	ug/kg	791	178	4	06/21/22 12:40	06/22/22 18:02	117-84-0	
bis(2-Ethylhexyl)phthalate	<270	ug/kg	791	270	4	06/21/22 12:40	06/22/22 18:02	117-81-7	
Fluoranthene	561J	ug/kg	791	112	4	06/21/22 12:40	06/22/22 18:02	206-44-0	
Fluorene	<92.4	ug/kg	791	92.4	4	06/21/22 12:40	06/22/22 18:02	86-73-7	
Hexachloro-1,3-butadiene	<201	ug/kg	791	201	4	06/21/22 12:40	06/22/22 18:02	87-68-3	
Hexachlorobenzene	<133	ug/kg	791	133	4	06/21/22 12:40	06/22/22 18:02	118-74-1	
Hexachlorocyclopentadiene	<187	ug/kg	791	187	4	06/21/22 12:40	06/22/22 18:02	77-47-4	
Hexachloroethane	<127	ug/kg	791	127	4	06/21/22 12:40	06/22/22 18:02	67-72-1	
Indeno(1,2,3-cd)pyrene	229J	ug/kg	791	171	4	06/21/22 12:40	06/22/22 18:02	193-39-5	
Isophorone	<122	ug/kg	791	122	4	06/21/22 12:40	06/22/22 18:02	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<205	ug/kg	791	205	4	06/21/22 12:40	06/22/22 18:02	91-57-6	
2-Methylphenol(o-Cresol)	<144	ug/kg	791	144	4	06/21/22 12:40	06/22/22 18:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	<145	ug/kg	791	145	4	06/21/22 12:40	06/22/22 18:02		
Naphthalene	<277	ug/kg	791	277	4	06/21/22 12:40	06/22/22 18:02	91-20-3	
2-Nitroaniline	<225	ug/kg	791	225	4	06/21/22 12:40	06/22/22 18:02	88-74-4	
3-Nitroaniline	<135	ug/kg	791	135	4	06/21/22 12:40	06/22/22 18:02	99-09-2	
4-Nitroaniline	<328	ug/kg	791	328	4	06/21/22 12:40	06/22/22 18:02	100-01-6	
Nitrobenzene	<160	ug/kg	791	160	4	06/21/22 12:40	06/22/22 18:02	98-95-3	
2-Nitrophenol	<250	ug/kg	791	250	4	06/21/22 12:40	06/22/22 18:02	88-75-5	
4-Nitrophenol	<199	ug/kg	791	199	4	06/21/22 12:40	06/22/22 18:02	100-02-7	
N-Nitroso-di-n-propylamine	<125	ug/kg	791	125	4	06/21/22 12:40	06/22/22 18:02	621-64-7	
N-Nitrosodiphenylamine	<208	ug/kg	791	208	4	06/21/22 12:40	06/22/22 18:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	<204	ug/kg	791	204	4	06/21/22 12:40	06/22/22 18:02	108-60-1	
Pentachlorophenol	<174	ug/kg	791	174	4	06/21/22 12:40	06/22/22 18:02	87-86-5	
Phenanthrene	349J	ug/kg	791	101	4	06/21/22 12:40	06/22/22 18:02	85-01-8	
Phenol	<188	ug/kg	791	188	4	06/21/22 12:40	06/22/22 18:02	108-95-2	D3
Pyrene	559J	ug/kg	791	175	4	06/21/22 12:40	06/22/22 18:02	129-00-0	
1,2,4-Trichlorobenzene	<89.4	ug/kg	791	89.4	4	06/21/22 12:40	06/22/22 18:02	120-82-1	
2,4,5-Trichlorophenol	<140	ug/kg	791	140	4	06/21/22 12:40	06/22/22 18:02	95-95-4	
2,4,6-Trichlorophenol	<121	ug/kg	791	121	4	06/21/22 12:40	06/22/22 18:02	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	10-125		4	06/21/22 12:40	06/22/22 18:02	4165-60-0	
2-Fluorobiphenyl (S)	65	%	12-118		4	06/21/22 12:40	06/22/22 18:02	321-60-8	
Terphenyl-d14 (S)	77	%	10-124		4	06/21/22 12:40	06/22/22 18:02	1718-51-0	
Phenol-d6 (S)	58	%	10-125		4	06/21/22 12:40	06/22/22 18:02	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		4	06/21/22 12:40	06/22/22 18:02	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		4	06/21/22 12:40	06/22/22 18:02	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<16.4	ug/kg	68.5	16.4	1	06/15/22 08:30	06/16/22 19:26	630-20-6	
1,1,1-Trichloroethane	<17.5	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	71-55-6	
1,1,2,2-Tetrachloroethane	<24.8	ug/kg	68.5	24.8	1	06/15/22 08:30	06/16/22 19:26	79-34-5	
1,1,2-Trichloroethane	<24.9	ug/kg	68.5	24.9	1	06/15/22 08:30	06/16/22 19:26	79-00-5	
1,1-Dichloroethane	19.4J	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	75-34-3	
1,1-Dichloroethene	<22.8	ug/kg	68.5	22.8	1	06/15/22 08:30	06/16/22 19:26	75-35-4	
1,1-Dichloropropene	<22.2	ug/kg	68.5	22.2	1	06/15/22 08:30	06/16/22 19:26	563-58-6	
1,2,3-Trichlorobenzene	<76.4	ug/kg	343	76.4	1	06/15/22 08:30	06/16/22 19:26	87-61-6	
1,2,3-Trichloropropane	<33.3	ug/kg	68.5	33.3	1	06/15/22 08:30	06/16/22 19:26	96-18-4	
1,2,4-Trichlorobenzene	<56.5	ug/kg	343	56.5	1	06/15/22 08:30	06/16/22 19:26	120-82-1	
1,2,4-Trimethylbenzene	<20.4	ug/kg	68.5	20.4	1	06/15/22 08:30	06/16/22 19:26	95-63-6	
1,2-Dibromo-3-chloropropane	<53.2	ug/kg	343	53.2	1	06/15/22 08:30	06/16/22 19:26	96-12-8	
1,2-Dibromoethane (EDB)	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	106-93-4	
1,2-Dichlorobenzene	<21.2	ug/kg	68.5	21.2	1	06/15/22 08:30	06/16/22 19:26	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.8	ug/kg	68.5	15.8	1	06/15/22 08:30	06/16/22 19:26	107-06-2	
1,2-Dichloropropane	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	78-87-5	
1,3,5-Trimethylbenzene	<22.1	ug/kg	68.5	22.1	1	06/15/22 08:30	06/16/22 19:26	108-67-8	
1,3-Dichlorobenzene	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	541-73-1	
1,3-Dichloropropane	<14.9	ug/kg	68.5	14.9	1	06/15/22 08:30	06/16/22 19:26	142-28-9	
1,4-Dichlorobenzene	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	106-46-7	
2,2-Dichloropropane	<18.5	ug/kg	68.5	18.5	1	06/15/22 08:30	06/16/22 19:26	594-20-7	
2-Chlorotoluene	<22.2	ug/kg	68.5	22.2	1	06/15/22 08:30	06/16/22 19:26	95-49-8	
4-Chlorotoluene	<26.0	ug/kg	68.5	26.0	1	06/15/22 08:30	06/16/22 19:26	106-43-4	
Benzene	<16.3	ug/kg	27.4	16.3	1	06/15/22 08:30	06/16/22 19:26	71-43-2	
Bromobenzene	<26.7	ug/kg	68.5	26.7	1	06/15/22 08:30	06/16/22 19:26	108-86-1	
Bromochloromethane	<18.8	ug/kg	68.5	18.8	1	06/15/22 08:30	06/16/22 19:26	74-97-5	
Bromodichloromethane	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	75-27-4	
Bromoform	<302	ug/kg	343	302	1	06/15/22 08:30	06/16/22 19:26	75-25-2	
Bromomethane	<96.1	ug/kg	343	96.1	1	06/15/22 08:30	06/16/22 19:26	74-83-9	
Carbon tetrachloride	<15.1	ug/kg	68.5	15.1	1	06/15/22 08:30	06/16/22 19:26	56-23-5	
Chlorobenzene	<8.2	ug/kg	68.5	8.2	1	06/15/22 08:30	06/16/22 19:26	108-90-7	
Chloroethane	<28.9	ug/kg	343	28.9	1	06/15/22 08:30	06/16/22 19:26	75-00-3	
Chloroform	<49.1	ug/kg	343	49.1	1	06/15/22 08:30	06/16/22 19:26	67-66-3	
Chloromethane	<26.0	ug/kg	68.5	26.0	1	06/15/22 08:30	06/16/22 19:26	74-87-3	
Dibromochloromethane	<234	ug/kg	343	234	1	06/15/22 08:30	06/16/22 19:26	124-48-1	
Dibromomethane	<20.3	ug/kg	68.5	20.3	1	06/15/22 08:30	06/16/22 19:26	74-95-3	
Dichlorodifluoromethane	<29.5	ug/kg	68.5	29.5	1	06/15/22 08:30	06/16/22 19:26	75-71-8	
Diisopropyl ether	<17.0	ug/kg	68.5	17.0	1	06/15/22 08:30	06/16/22 19:26	108-20-3	
Ethylbenzene	<16.3	ug/kg	68.5	16.3	1	06/15/22 08:30	06/16/22 19:26	100-41-4	
Hexachloro-1,3-butadiene	<136	ug/kg	343	136	1	06/15/22 08:30	06/16/22 19:26	87-68-3	
Isopropylbenzene (Cumene)	<18.5	ug/kg	68.5	18.5	1	06/15/22 08:30	06/16/22 19:26	98-82-8	
Methyl-tert-butyl ether	<20.2	ug/kg	68.5	20.2	1	06/15/22 08:30	06/16/22 19:26	1634-04-4	
Methylene Chloride	<19.1	ug/kg	68.5	19.1	1	06/15/22 08:30	06/16/22 19:26	75-09-2	
Naphthalene	<21.4	ug/kg	343	21.4	1	06/15/22 08:30	06/16/22 19:26	91-20-3	
Styrene	<17.5	ug/kg	68.5	17.5	1	06/15/22 08:30	06/16/22 19:26	100-42-5	
Tetrachloroethene	<26.6	ug/kg	68.5	26.6	1	06/15/22 08:30	06/16/22 19:26	127-18-4	
Toluene	24.0J	ug/kg	68.5	17.3	1	06/15/22 08:30	06/16/22 19:26	108-88-3	
Trichloroethene	<25.6	ug/kg	68.5	25.6	1	06/15/22 08:30	06/16/22 19:26	79-01-6	
Trichlorofluoromethane	<19.9	ug/kg	68.5	19.9	1	06/15/22 08:30	06/16/22 19:26	75-69-4	
Vinyl chloride	<13.8	ug/kg	68.5	13.8	1	06/15/22 08:30	06/16/22 19:26	75-01-4	
cis-1,2-Dichloroethene	<14.7	ug/kg	68.5	14.7	1	06/15/22 08:30	06/16/22 19:26	156-59-2	
cis-1,3-Dichloropropene	<45.2	ug/kg	343	45.2	1	06/15/22 08:30	06/16/22 19:26	10061-01-5	
m&p-Xylene	<28.9	ug/kg	137	28.9	1	06/15/22 08:30	06/16/22 19:26	179601-23-1	
n-Butylbenzene	<31.4	ug/kg	68.5	31.4	1	06/15/22 08:30	06/16/22 19:26	104-51-8	
n-Propylbenzene	<16.4	ug/kg	68.5	16.4	1	06/15/22 08:30	06/16/22 19:26	103-65-1	
o-Xylene	<20.6	ug/kg	68.5	20.6	1	06/15/22 08:30	06/16/22 19:26	95-47-6	
p-Isopropyltoluene	<20.8	ug/kg	68.5	20.8	1	06/15/22 08:30	06/16/22 19:26	99-87-6	
sec-Butylbenzene	<16.7	ug/kg	68.5	16.7	1	06/15/22 08:30	06/16/22 19:26	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<21.5	ug/kg	68.5	21.5	1	06/15/22 08:30	06/16/22 19:26	98-06-6	
trans-1,2-Dichloroethene	<14.8	ug/kg	68.5	14.8	1	06/15/22 08:30	06/16/22 19:26	156-60-5	
trans-1,3-Dichloropropene	<196	ug/kg	343	196	1	06/15/22 08:30	06/16/22 19:26	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	131	%	69-153		1	06/15/22 08:30	06/16/22 19:26	2037-26-5	
4-Bromofluorobenzene (S)	130	%	68-156		1	06/15/22 08:30	06/16/22 19:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	71-161		1	06/15/22 08:30	06/16/22 19:26	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.058	ug/kg	1.16	0.058	1	06/16/22 11:28	06/20/22 17:58	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.16	0.070	1	06/16/22 11:28	06/20/22 17:58	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	763051-92-9	
ADONA	<0.012	ug/kg	1.16	0.012	1	06/16/22 11:28	06/20/22 17:58	919005-14-4	
Perfluorooctanesulfonamide	0.055J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	754-91-6	
HFPO-DA	<0.163	ug/kg	2.32	0.163	1	06/16/22 11:28	06/20/22 17:58	13252-13-6	
NEtFOSA	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	4151-50-2	
NEtFOSAA	0.991J	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	2991-50-6	
NEtFOSE	0.070J	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	31506-32-8	
NMeFOSAA	0.034J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.16	0.046	1	06/16/22 11:28	06/20/22 17:58	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	307-55-1	
PFDoS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	79780-39-5	
PFDS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	335-77-3	
Perfluoroheptanoic acid	0.047J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-85-9	
PFHpS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-92-8	
Perfluorohexanoic acid (S)	0.049J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	355-46-4	
Perfluorononanoic acid	0.067J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	375-95-1	
PFNS	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	68259-12-1	
Perfluorooctanoic acid	0.353J	ug/kg	1.16	0.093	1	06/16/22 11:28	06/20/22 17:58	335-67-1	
Perfluorooctanesulfonic acid	2.02	ug/kg	1.16	0.058	1	06/16/22 11:28	06/20/22 17:58	1763-23-1	
Perfluoropentanoic acid	0.049J	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2706-90-3	
PFPeS	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.16	0.035	1	06/16/22 11:28	06/20/22 17:58	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.16	0.023	1	06/16/22 11:28	06/20/22 17:58	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-5**      **Lab ID: 40246376005**      Collected: 06/10/22 11:25      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 17:58	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	11	%	50-150		1	06/16/22 11:28	06/20/22 17:58	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2355-31-9-EI	
d5-NEtFOSAA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2991-50-6-EI	
d7-NMeFOSE	15	%	50-150		1	06/16/22 11:28	06/20/22 17:58	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	17	%	50-150		1	06/16/22 11:28	06/20/22 17:58	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	90	%	50-150		1	06/16/22 11:28	06/20/22 17:58	757124-72-4	
M2 6:2 FTS	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 17:58	39108-34-4-	
M2PFHxDA	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	67905-19-5-	
M2PFTeDA	89	%	50-150		1	06/16/22 11:28	06/20/22 17:58	376-06-7-EI	
M3HFPODA	79	%	50-150		1	06/16/22 11:28	06/20/22 17:58	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 17:58	355-46-4-EI	
M4PFHpA	71	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 17:58	307-24-4-EI	
M5PFPeA	75	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2706-90-3-EI	
M6PFDA	87	%	50-150		1	06/16/22 11:28	06/20/22 17:58	335-76-2-EI	
M7PFUdA	85	%	50-150		1	06/16/22 11:28	06/20/22 17:58	2058-94-8-EI	
M8FOSA	22	%	50-150		1	06/16/22 11:28	06/20/22 17:58	754-91-6-EI	MSSV1 2.3
M8PFOA	78	%	50-150		1	06/16/22 11:28	06/20/22 17:58	335-67-1-EI	
M8PFOS	86	%	50-150		1	06/16/22 11:28	06/20/22 17:58	1763-23-1-EI	
M9PFNA	83	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-95-1-EI	
MPFBA	72	%	50-150		1	06/16/22 11:28	06/20/22 17:58	375-22-4-EI	
MPFDoA	76	%	50-150		1	06/16/22 11:28	06/20/22 17:58	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **15.6**      %      0.10      0.10      1      06/15/22 15:35

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;16.6</b>	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11141-16-5	
PCB-1242 (Aroclor 1242)	76.9	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.6	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	12672-29-6	
PCB-1254 (Aroclor 1254)	22.1J	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11097-69-1	
PCB-1260 (Aroclor 1260)	31.3J	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	11096-82-5	
PCB, Total	130	ug/kg	54.4	16.6	1	06/15/22 14:55	06/16/22 11:16	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	79	%	50-99		1	06/15/22 14:55	06/16/22 11:16	877-09-8	
Decachlorobiphenyl (S)	63	%	38-95		1	06/15/22 14:55	06/16/22 11:16	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	20.1	mg/kg	2.7	1.6	1	06/14/22 06:32	06/14/22 18:02	7440-38-2	
Barium	249	mg/kg	0.53	0.16	1	06/14/22 06:32	06/14/22 18:02	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	06/14/22 06:32	06/14/22 18:02	7440-43-9	
Chromium	27.0	mg/kg	1.1	0.30	1	06/14/22 06:32	06/14/22 18:02	7440-47-3	
Lead	8.1	mg/kg	2.1	0.64	1	06/14/22 06:32	06/14/22 18:02	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	06/14/22 06:32	06/14/22 18:02	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	06/14/22 06:32	06/14/22 18:02	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.012J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:55	7440-38-2	3q
Barium	0.39	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:55	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:55	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:55	7440-47-3	
Copper	0.0067J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:55	7440-50-8	
Lead	<0.0059	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:55	7439-92-1	
Nickel	0.018	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:55	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:55	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:55	7440-22-4	
Zinc	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:55	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:49	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.0099	mg/kg	0.035	0.0099	1	06/21/22 09:10	06/22/22 10:39	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<258	ug/kg	727	258	4	06/21/22 12:40	06/22/22 18:23	83-32-9	
Acenaphthylene	<259	ug/kg	727	259	4	06/21/22 12:40	06/22/22 18:23	208-96-8	
Anthracene	<116	ug/kg	727	116	4	06/21/22 12:40	06/22/22 18:23	120-12-7	
Benzo(a)anthracene	<b>118J</b>	ug/kg	727	113	4	06/21/22 12:40	06/22/22 18:23	56-55-3	
Benzo(a)pyrene	<109	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	50-32-8	
Benzo(b)fluoranthene	<125	ug/kg	727	125	4	06/21/22 12:40	06/22/22 18:23	205-99-2	
Benzo(g,h,i)perylene	<190	ug/kg	727	190	4	06/21/22 12:40	06/22/22 18:23	191-24-2	
Benzo(k)fluoranthene	<174	ug/kg	727	174	4	06/21/22 12:40	06/22/22 18:23	207-08-9	
4-Bromophenylphenyl ether	<152	ug/kg	727	152	4	06/21/22 12:40	06/22/22 18:23	101-55-3	
Butylbenzylphthalate	<303	ug/kg	727	303	4	06/21/22 12:40	06/22/22 18:23	85-68-7	
Carbazole	<114	ug/kg	727	114	4	06/21/22 12:40	06/22/22 18:23	86-74-8	
4-Chloro-3-methylphenol	<226	ug/kg	727	226	4	06/21/22 12:40	06/22/22 18:23	59-50-7	
4-Chloroaniline	<119	ug/kg	727	119	4	06/21/22 12:40	06/22/22 18:23	106-47-8	1q
bis(2-Chloroethoxy)methane	<196	ug/kg	727	196	4	06/21/22 12:40	06/22/22 18:23	111-91-1	
bis(2-Chloroethyl) ether	<227	ug/kg	727	227	4	06/21/22 12:40	06/22/22 18:23	111-44-4	L2
2-Chloronaphthalene	<93.3	ug/kg	727	93.3	4	06/21/22 12:40	06/22/22 18:23	91-58-7	
2-Chlorophenol	<181	ug/kg	727	181	4	06/21/22 12:40	06/22/22 18:23	95-57-8	
4-Chlorophenylphenyl ether	<135	ug/kg	727	135	4	06/21/22 12:40	06/22/22 18:23	7005-72-3	
Chrysene	<b>112J</b>	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	218-01-9	
Dibenz(a,h)anthracene	<197	ug/kg	727	197	4	06/21/22 12:40	06/22/22 18:23	53-70-3	
Dibenzofuran	<88.0	ug/kg	727	88.0	4	06/21/22 12:40	06/22/22 18:23	132-64-9	
1,2-Dichlorobenzene	<229	ug/kg	727	229	4	06/21/22 12:40	06/22/22 18:23	95-50-1	
1,3-Dichlorobenzene	<101	ug/kg	727	101	4	06/21/22 12:40	06/22/22 18:23	541-73-1	
1,4-Dichlorobenzene	<101	ug/kg	727	101	4	06/21/22 12:40	06/22/22 18:23	106-46-7	
3,3'-Dichlorobenzidine	<197	ug/kg	727	197	4	06/21/22 12:40	06/22/22 18:23	91-94-1	
2,4-Dichlorophenol	<194	ug/kg	727	194	4	06/21/22 12:40	06/22/22 18:23	120-83-2	
Diethylphthalate	<121	ug/kg	727	121	4	06/21/22 12:40	06/22/22 18:23	84-66-2	
2,4-Dimethylphenol	<144	ug/kg	727	144	4	06/21/22 12:40	06/22/22 18:23	105-67-9	
Dimethylphthalate	<94.5	ug/kg	727	94.5	4	06/21/22 12:40	06/22/22 18:23	131-11-3	
Di-n-butylphthalate	<109	ug/kg	727	109	4	06/21/22 12:40	06/22/22 18:23	84-74-2	
4,6-Dinitro-2-methylphenol	<224	ug/kg	727	224	4	06/21/22 12:40	06/22/22 18:23	534-52-1	
2,4-Dinitrophenol	<571	ug/kg	1440	571	4	06/21/22 12:40	06/22/22 18:23	51-28-5	
2,4-Dinitrotoluene	<104	ug/kg	727	104	4	06/21/22 12:40	06/22/22 18:23	121-14-2	
2,6-Dinitrotoluene	<138	ug/kg	727	138	4	06/21/22 12:40	06/22/22 18:23	606-20-2	
Di-n-octylphthalate	<163	ug/kg	727	163	4	06/21/22 12:40	06/22/22 18:23	117-84-0	
bis(2-Ethylhexyl)phthalate	<248	ug/kg	727	248	4	06/21/22 12:40	06/22/22 18:23	117-81-7	
Fluoranthene	<b>214J</b>	ug/kg	727	103	4	06/21/22 12:40	06/22/22 18:23	206-44-0	
Fluorene	<85.0	ug/kg	727	85.0	4	06/21/22 12:40	06/22/22 18:23	86-73-7	
Hexachloro-1,3-butadiene	<185	ug/kg	727	185	4	06/21/22 12:40	06/22/22 18:23	87-68-3	
Hexachlorobenzene	<122	ug/kg	727	122	4	06/21/22 12:40	06/22/22 18:23	118-74-1	
Hexachlorocyclopentadiene	<172	ug/kg	727	172	4	06/21/22 12:40	06/22/22 18:23	77-47-4	
Hexachloroethane	<116	ug/kg	727	116	4	06/21/22 12:40	06/22/22 18:23	67-72-1	
Indeno(1,2,3-cd)pyrene	<157	ug/kg	727	157	4	06/21/22 12:40	06/22/22 18:23	193-39-5	
Isophorone	<112	ug/kg	727	112	4	06/21/22 12:40	06/22/22 18:23	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<189	ug/kg	727	189	4	06/21/22 12:40	06/22/22 18:23	91-57-6	
2-Methylphenol(o-Cresol)	<132	ug/kg	727	132	4	06/21/22 12:40	06/22/22 18:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	<133	ug/kg	727	133	4	06/21/22 12:40	06/22/22 18:23		
Naphthalene	<254	ug/kg	727	254	4	06/21/22 12:40	06/22/22 18:23	91-20-3	
2-Nitroaniline	<207	ug/kg	727	207	4	06/21/22 12:40	06/22/22 18:23	88-74-4	
3-Nitroaniline	<124	ug/kg	727	124	4	06/21/22 12:40	06/22/22 18:23	99-09-2	
4-Nitroaniline	<302	ug/kg	727	302	4	06/21/22 12:40	06/22/22 18:23	100-01-6	
Nitrobenzene	<147	ug/kg	727	147	4	06/21/22 12:40	06/22/22 18:23	98-95-3	
2-Nitrophenol	<229	ug/kg	727	229	4	06/21/22 12:40	06/22/22 18:23	88-75-5	
4-Nitrophenol	<183	ug/kg	727	183	4	06/21/22 12:40	06/22/22 18:23	100-02-7	
N-Nitroso-di-n-propylamine	<115	ug/kg	727	115	4	06/21/22 12:40	06/22/22 18:23	621-64-7	
N-Nitrosodiphenylamine	<191	ug/kg	727	191	4	06/21/22 12:40	06/22/22 18:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	<187	ug/kg	727	187	4	06/21/22 12:40	06/22/22 18:23	108-60-1	
Pentachlorophenol	<160	ug/kg	727	160	4	06/21/22 12:40	06/22/22 18:23	87-86-5	
Phenanthrene	190J	ug/kg	727	93.2	4	06/21/22 12:40	06/22/22 18:23	85-01-8	
Phenol	<172	ug/kg	727	172	4	06/21/22 12:40	06/22/22 18:23	108-95-2	D3
Pyrene	174J	ug/kg	727	161	4	06/21/22 12:40	06/22/22 18:23	129-00-0	
1,2,4-Trichlorobenzene	<82.2	ug/kg	727	82.2	4	06/21/22 12:40	06/22/22 18:23	120-82-1	
2,4,5-Trichlorophenol	<128	ug/kg	727	128	4	06/21/22 12:40	06/22/22 18:23	95-95-4	
2,4,6-Trichlorophenol	<111	ug/kg	727	111	4	06/21/22 12:40	06/22/22 18:23	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	60	%	10-125		4	06/21/22 12:40	06/22/22 18:23	4165-60-0	
2-Fluorobiphenyl (S)	68	%	12-118		4	06/21/22 12:40	06/22/22 18:23	321-60-8	
Terphenyl-d14 (S)	75	%	10-124		4	06/21/22 12:40	06/22/22 18:23	1718-51-0	
Phenol-d6 (S)	52	%	10-125		4	06/21/22 12:40	06/22/22 18:23	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		4	06/21/22 12:40	06/22/22 18:23	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-144		4	06/21/22 12:40	06/22/22 18:23	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<14.2	ug/kg	59.0	14.2	1	06/15/22 08:30	06/16/22 19:45	630-20-6	
1,1,1-Trichloroethane	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	71-55-6	
1,1,2,2-Tetrachloroethane	<21.3	ug/kg	59.0	21.3	1	06/15/22 08:30	06/16/22 19:45	79-34-5	
1,1,2-Trichloroethane	<21.5	ug/kg	59.0	21.5	1	06/15/22 08:30	06/16/22 19:45	79-00-5	
1,1-Dichloroethane	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	75-34-3	
1,1-Dichloroethene	<19.6	ug/kg	59.0	19.6	1	06/15/22 08:30	06/16/22 19:45	75-35-4	
1,1-Dichloropropene	<19.1	ug/kg	59.0	19.1	1	06/15/22 08:30	06/16/22 19:45	563-58-6	
1,2,3-Trichlorobenzene	<65.7	ug/kg	295	65.7	1	06/15/22 08:30	06/16/22 19:45	87-61-6	
1,2,3-Trichloropropane	<28.7	ug/kg	59.0	28.7	1	06/15/22 08:30	06/16/22 19:45	96-18-4	
1,2,4-Trichlorobenzene	<48.6	ug/kg	295	48.6	1	06/15/22 08:30	06/16/22 19:45	120-82-1	
1,2,4-Trimethylbenzene	25.5J	ug/kg	59.0	17.6	1	06/15/22 08:30	06/16/22 19:45	95-63-6	
1,2-Dibromo-3-chloropropane	<45.8	ug/kg	295	45.8	1	06/15/22 08:30	06/16/22 19:45	96-12-8	
1,2-Dibromoethane (EDB)	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	106-93-4	
1,2-Dichlorobenzene	<18.3	ug/kg	59.0	18.3	1	06/15/22 08:30	06/16/22 19:45	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<13.6	ug/kg	59.0	13.6	1	06/15/22 08:30	06/16/22 19:45	107-06-2	
1,2-Dichloropropane	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	78-87-5	
1,3,5-Trimethylbenzene	<19.0	ug/kg	59.0	19.0	1	06/15/22 08:30	06/16/22 19:45	108-67-8	
1,3-Dichlorobenzene	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	541-73-1	
1,3-Dichloropropane	<12.9	ug/kg	59.0	12.9	1	06/15/22 08:30	06/16/22 19:45	142-28-9	
1,4-Dichlorobenzene	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	106-46-7	
2,2-Dichloropropane	<15.9	ug/kg	59.0	15.9	1	06/15/22 08:30	06/16/22 19:45	594-20-7	
2-Chlorotoluene	<19.1	ug/kg	59.0	19.1	1	06/15/22 08:30	06/16/22 19:45	95-49-8	
4-Chlorotoluene	<22.4	ug/kg	59.0	22.4	1	06/15/22 08:30	06/16/22 19:45	106-43-4	
Benzene	<14.0	ug/kg	23.6	14.0	1	06/15/22 08:30	06/16/22 19:45	71-43-2	
Bromobenzene	<23.0	ug/kg	59.0	23.0	1	06/15/22 08:30	06/16/22 19:45	108-86-1	
Bromochloromethane	<16.2	ug/kg	59.0	16.2	1	06/15/22 08:30	06/16/22 19:45	74-97-5	
Bromodichloromethane	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	75-27-4	
Bromoform	<259	ug/kg	295	259	1	06/15/22 08:30	06/16/22 19:45	75-25-2	
Bromomethane	<82.7	ug/kg	295	82.7	1	06/15/22 08:30	06/16/22 19:45	74-83-9	
Carbon tetrachloride	<13.0	ug/kg	59.0	13.0	1	06/15/22 08:30	06/16/22 19:45	56-23-5	
Chlorobenzene	<7.1	ug/kg	59.0	7.1	1	06/15/22 08:30	06/16/22 19:45	108-90-7	
Chloroethane	<24.9	ug/kg	295	24.9	1	06/15/22 08:30	06/16/22 19:45	75-00-3	
Chloroform	<42.2	ug/kg	295	42.2	1	06/15/22 08:30	06/16/22 19:45	67-66-3	
Chloromethane	<22.4	ug/kg	59.0	22.4	1	06/15/22 08:30	06/16/22 19:45	74-87-3	
Dibromochloromethane	<202	ug/kg	295	202	1	06/15/22 08:30	06/16/22 19:45	124-48-1	
Dibromomethane	<17.5	ug/kg	59.0	17.5	1	06/15/22 08:30	06/16/22 19:45	74-95-3	
Dichlorodifluoromethane	<25.4	ug/kg	59.0	25.4	1	06/15/22 08:30	06/16/22 19:45	75-71-8	
Diisopropyl ether	<14.6	ug/kg	59.0	14.6	1	06/15/22 08:30	06/16/22 19:45	108-20-3	
Ethylbenzene	<14.0	ug/kg	59.0	14.0	1	06/15/22 08:30	06/16/22 19:45	100-41-4	
Hexachloro-1,3-butadiene	<117	ug/kg	295	117	1	06/15/22 08:30	06/16/22 19:45	87-68-3	
Isopropylbenzene (Cumene)	<15.9	ug/kg	59.0	15.9	1	06/15/22 08:30	06/16/22 19:45	98-82-8	
Methyl-tert-butyl ether	<17.3	ug/kg	59.0	17.3	1	06/15/22 08:30	06/16/22 19:45	1634-04-4	
Methylene Chloride	<16.4	ug/kg	59.0	16.4	1	06/15/22 08:30	06/16/22 19:45	75-09-2	
Naphthalene	41.2J	ug/kg	295	18.4	1	06/15/22 08:30	06/16/22 19:45	91-20-3	
Styrene	<15.1	ug/kg	59.0	15.1	1	06/15/22 08:30	06/16/22 19:45	100-42-5	
Tetrachloroethene	<22.9	ug/kg	59.0	22.9	1	06/15/22 08:30	06/16/22 19:45	127-18-4	
Toluene	30.8J	ug/kg	59.0	14.9	1	06/15/22 08:30	06/16/22 19:45	108-88-3	
Trichloroethene	<22.1	ug/kg	59.0	22.1	1	06/15/22 08:30	06/16/22 19:45	79-01-6	
Trichlorofluoromethane	<17.1	ug/kg	59.0	17.1	1	06/15/22 08:30	06/16/22 19:45	75-69-4	
Vinyl chloride	<11.9	ug/kg	59.0	11.9	1	06/15/22 08:30	06/16/22 19:45	75-01-4	
cis-1,2-Dichloroethene	<12.6	ug/kg	59.0	12.6	1	06/15/22 08:30	06/16/22 19:45	156-59-2	
cis-1,3-Dichloropropene	<38.9	ug/kg	295	38.9	1	06/15/22 08:30	06/16/22 19:45	10061-01-5	
m&p-Xylene	34.1J	ug/kg	118	24.9	1	06/15/22 08:30	06/16/22 19:45	179601-23-1	
n-Butylbenzene	<27.0	ug/kg	59.0	27.0	1	06/15/22 08:30	06/16/22 19:45	104-51-8	
n-Propylbenzene	<14.2	ug/kg	59.0	14.2	1	06/15/22 08:30	06/16/22 19:45	103-65-1	
o-Xylene	27.1J	ug/kg	59.0	17.7	1	06/15/22 08:30	06/16/22 19:45	95-47-6	
p-Isopropyltoluene	<17.9	ug/kg	59.0	17.9	1	06/15/22 08:30	06/16/22 19:45	99-87-6	
sec-Butylbenzene	<14.4	ug/kg	59.0	14.4	1	06/15/22 08:30	06/16/22 19:45	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<18.5	ug/kg	59.0	18.5	1	06/15/22 08:30	06/16/22 19:45	98-06-6	
trans-1,2-Dichloroethene	<12.7	ug/kg	59.0	12.7	1	06/15/22 08:30	06/16/22 19:45	156-60-5	
trans-1,3-Dichloropropene	<169	ug/kg	295	169	1	06/15/22 08:30	06/16/22 19:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	137	%	69-153		1	06/15/22 08:30	06/16/22 19:45	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	06/15/22 08:30	06/16/22 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	71-161		1	06/15/22 08:30	06/16/22 19:45	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.059	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 18:12	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.17	0.070	1	06/16/22 11:28	06/20/22 18:12	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	763051-92-9	
ADONA	<0.012	ug/kg	1.17	0.012	1	06/16/22 11:28	06/20/22 18:12	919005-14-4	
Perfluorooctanesulfonamide	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	754-91-6	
HFPO-DA	<0.164	ug/kg	2.34	0.164	1	06/16/22 11:28	06/20/22 18:12	13252-13-6	
NEtFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	4151-50-2	
NEtFOSAA	0.129J	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	2991-50-6	
NEtFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	1691-99-2	
NMeFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	24448-09-7	
Perfluorobutanoic acid	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-73-5	
Perfluorodecanoic acid (S)	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 18:12	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	307-55-1	
PFDoS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	79780-39-5	
PFDS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	335-77-3	
Perfluoroheptanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-85-9	
PFHpS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-92-8	
Perfluorohexanoic acid (S)	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	355-46-4	
Perfluorononanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	375-95-1	
PFNS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	68259-12-1	
Perfluorooctanoic acid	<0.094	ug/kg	1.17	0.094	1	06/16/22 11:28	06/20/22 18:12	335-67-1	
Perfluorooctanesulfonic acid	0.226J	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 18:12	1763-23-1	
Perfluoropentanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2706-90-3	
PFPeS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 18:12	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 18:12	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-6**      **Lab ID: 40246376006**      Collected: 06/10/22 12:00      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 18:12	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	12	%	50-150		1	06/16/22 11:28	06/20/22 18:12	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2355-31-9-EI	
d5-NEtFOSAA	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2991-50-6-EI	
d7-NMeFOSE	46	%	50-150		1	06/16/22 11:28	06/20/22 18:12	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	37	%	50-150		1	06/16/22 11:28	06/20/22 18:12	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	74	%	50-150		1	06/16/22 11:28	06/20/22 18:12	757124-72-4	
M2 6:2 FTS	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 18:12	39108-34-4-	
M2PFHxDA	76	%	50-150		1	06/16/22 11:28	06/20/22 18:12	67905-19-5-	
M2PFTeDA	84	%	50-150		1	06/16/22 11:28	06/20/22 18:12	376-06-7-EI	
M3HFPODA	75	%	50-150		1	06/16/22 11:28	06/20/22 18:12	13252-13-6-	
M3PFBS	76	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-73-5-EI	
M3PFHxS	81	%	50-150		1	06/16/22 11:28	06/20/22 18:12	355-46-4-EI	
M4PFHpA	73	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-85-9-EI	
M5PFHxA	74	%	50-150		1	06/16/22 11:28	06/20/22 18:12	307-24-4-EI	
M5PFPeA	72	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2706-90-3-EI	
M6PFDA	96	%	50-150		1	06/16/22 11:28	06/20/22 18:12	335-76-2-EI	
M7PFUdA	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	2058-94-8-EI	
M8FOSA	59	%	50-150		1	06/16/22 11:28	06/20/22 18:12	754-91-6-EI	
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:12	335-67-1-EI	
M8PFOS	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	1763-23-1-EI	
M9PFNA	94	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 18:12	375-22-4-EI	
MPFDoA	82	%	50-150		1	06/16/22 11:28	06/20/22 18:12	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>8.2</b>	%	0.10	0.10	1		06/15/22 15:35		
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**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<b>&lt;95.1</b>	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	12674-11-2	
PCB-1221 (Aroclor 1221)	<b>&lt;95.1</b>	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11104-28-2	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1232 (Aroclor 1232)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11141-16-5	
PCB-1242 (Aroclor 1242)	5560	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	53469-21-9	
PCB-1248 (Aroclor 1248)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	12672-29-6	
PCB-1254 (Aroclor 1254)	<95.1	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11097-69-1	
PCB-1260 (Aroclor 1260)	330	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	11096-82-5	
PCB, Total	5890	ug/kg	312	95.1	5	06/15/22 14:55	06/16/22 13:05	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	76	%	50-99		5	06/15/22 14:55	06/16/22 13:05	877-09-8	
Decachlorobiphenyl (S)	64	%	38-95		5	06/15/22 14:55	06/16/22 13:05	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.6	mg/kg	3.1	1.8	1	06/14/22 06:44	06/14/22 14:59	7440-38-2	
Barium	119	mg/kg	0.62	0.19	1	06/14/22 06:44	06/14/22 14:59	7440-39-3	
Cadmium	0.50J	mg/kg	0.62	0.17	1	06/14/22 06:44	06/14/22 14:59	7440-43-9	
Chromium	34.5	mg/kg	1.2	0.35	1	06/14/22 06:44	06/14/22 14:59	7440-47-3	
Lead	45.9	mg/kg	2.5	0.75	1	06/14/22 06:44	06/14/22 14:59	7439-92-1	
Selenium	<1.6	mg/kg	5.0	1.6	1	06/14/22 06:44	06/14/22 14:59	7782-49-2	
Silver	0.80J	mg/kg	1.2	0.38	1	06/14/22 06:44	06/14/22 14:59	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.010J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 13:58	7440-38-2	3q
Barium	1.1	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 13:58	7440-39-3	
Cadmium	<0.0013	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 13:58	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 13:58	7440-47-3	
Copper	0.0037J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 13:58	7440-50-8	
Lead	0.0075J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 13:58	7439-92-1	
Nickel	0.037	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 13:58	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:58	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 13:58	7440-22-4	
Zinc	0.21	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 13:58	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:51	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.22	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:46	7439-97-6	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7** Lab ID: **40246376007** Collected: 06/10/22 12:20 Received: 06/10/22 15:40 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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<295	ug/kg	833	295	4	06/21/22 12:40	06/23/22 19:39	83-32-9	
Acenaphthylene	<297	ug/kg	833	297	4	06/21/22 12:40	06/23/22 19:39	208-96-8	
Anthracene	<133	ug/kg	833	133	4	06/21/22 12:40	06/23/22 19:39	120-12-7	
Benzo(a)anthracene	190J	ug/kg	833	129	4	06/21/22 12:40	06/23/22 19:39	56-55-3	
Benzo(a)pyrene	150J	ug/kg	833	125	4	06/21/22 12:40	06/23/22 19:39	50-32-8	
Benzo(b)fluoranthene	183J	ug/kg	833	143	4	06/21/22 12:40	06/23/22 19:39	205-99-2	
Benzo(g,h,i)perylene	<218	ug/kg	833	218	4	06/21/22 12:40	06/23/22 19:39	191-24-2	
Benzo(k)fluoranthene	<199	ug/kg	833	199	4	06/21/22 12:40	06/23/22 19:39	207-08-9	
4-Bromophenylphenyl ether	<174	ug/kg	833	174	4	06/21/22 12:40	06/23/22 19:39	101-55-3	
Butylbenzylphthalate	<346	ug/kg	833	346	4	06/21/22 12:40	06/23/22 19:39	85-68-7	
Carbazole	<130	ug/kg	833	130	4	06/21/22 12:40	06/23/22 19:39	86-74-8	
4-Chloro-3-methylphenol	<259	ug/kg	833	259	4	06/21/22 12:40	06/23/22 19:39	59-50-7	
4-Chloroaniline	<137	ug/kg	833	137	4	06/21/22 12:40	06/23/22 19:39	106-47-8	4q
bis(2-Chloroethoxy)methane	<224	ug/kg	833	224	4	06/21/22 12:40	06/23/22 19:39	111-91-1	
bis(2-Chloroethyl) ether	<260	ug/kg	833	260	4	06/21/22 12:40	06/23/22 19:39	111-44-4	L2
2-Chloronaphthalene	<107	ug/kg	833	107	4	06/21/22 12:40	06/23/22 19:39	91-58-7	
2-Chlorophenol	<208	ug/kg	833	208	4	06/21/22 12:40	06/23/22 19:39	95-57-8	
4-Chlorophenylphenyl ether	<155	ug/kg	833	155	4	06/21/22 12:40	06/23/22 19:39	7005-72-3	
Chrysene	182J	ug/kg	833	124	4	06/21/22 12:40	06/23/22 19:39	218-01-9	
Dibenz(a,h)anthracene	<226	ug/kg	833	226	4	06/21/22 12:40	06/23/22 19:39	53-70-3	
Dibenzofuran	<101	ug/kg	833	101	4	06/21/22 12:40	06/23/22 19:39	132-64-9	
1,2-Dichlorobenzene	<262	ug/kg	833	262	4	06/21/22 12:40	06/23/22 19:39	95-50-1	
1,3-Dichlorobenzene	<115	ug/kg	833	115	4	06/21/22 12:40	06/23/22 19:39	541-73-1	
1,4-Dichlorobenzene	<116	ug/kg	833	116	4	06/21/22 12:40	06/23/22 19:39	106-46-7	
3,3'-Dichlorobenzidine	<226	ug/kg	833	226	4	06/21/22 12:40	06/23/22 19:39	91-94-1	
2,4-Dichlorophenol	<222	ug/kg	833	222	4	06/21/22 12:40	06/23/22 19:39	120-83-2	
Diethylphthalate	<138	ug/kg	833	138	4	06/21/22 12:40	06/23/22 19:39	84-66-2	
2,4-Dimethylphenol	<165	ug/kg	833	165	4	06/21/22 12:40	06/23/22 19:39	105-67-9	
Dimethylphthalate	<108	ug/kg	833	108	4	06/21/22 12:40	06/23/22 19:39	131-11-3	
Di-n-butylphthalate	<124	ug/kg	833	124	4	06/21/22 12:40	06/23/22 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	<257	ug/kg	833	257	4	06/21/22 12:40	06/23/22 19:39	534-52-1	
2,4-Dinitrophenol	<654	ug/kg	1650	654	4	06/21/22 12:40	06/23/22 19:39	51-28-5	
2,4-Dinitrotoluene	<119	ug/kg	833	119	4	06/21/22 12:40	06/23/22 19:39	121-14-2	
2,6-Dinitrotoluene	<158	ug/kg	833	158	4	06/21/22 12:40	06/23/22 19:39	606-20-2	
Di-n-octylphthalate	<187	ug/kg	833	187	4	06/21/22 12:40	06/23/22 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	808J	ug/kg	833	284	4	06/21/22 12:40	06/23/22 19:39	117-81-7	
Fluoranthene	451J	ug/kg	833	118	4	06/21/22 12:40	06/23/22 19:39	206-44-0	
Fluorene	<97.3	ug/kg	833	97.3	4	06/21/22 12:40	06/23/22 19:39	86-73-7	
Hexachloro-1,3-butadiene	<212	ug/kg	833	212	4	06/21/22 12:40	06/23/22 19:39	87-68-3	
Hexachlorobenzene	<140	ug/kg	833	140	4	06/21/22 12:40	06/23/22 19:39	118-74-1	
Hexachlorocyclopentadiene	<197	ug/kg	833	197	4	06/21/22 12:40	06/23/22 19:39	77-47-4	
Hexachloroethane	<133	ug/kg	833	133	4	06/21/22 12:40	06/23/22 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	<180	ug/kg	833	180	4	06/21/22 12:40	06/23/22 19:39	193-39-5	
Isophorone	<128	ug/kg	833	128	4	06/21/22 12:40	06/23/22 19:39	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<216	ug/kg	833	216	4	06/21/22 12:40	06/23/22 19:39	91-57-6	
2-Methylphenol(o-Cresol)	<151	ug/kg	833	151	4	06/21/22 12:40	06/23/22 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<153	ug/kg	833	153	4	06/21/22 12:40	06/23/22 19:39		
Naphthalene	<291	ug/kg	833	291	4	06/21/22 12:40	06/23/22 19:39	91-20-3	
2-Nitroaniline	<237	ug/kg	833	237	4	06/21/22 12:40	06/23/22 19:39	88-74-4	
3-Nitroaniline	<142	ug/kg	833	142	4	06/21/22 12:40	06/23/22 19:39	99-09-2	
4-Nitroaniline	<345	ug/kg	833	345	4	06/21/22 12:40	06/23/22 19:39	100-01-6	
Nitrobenzene	<169	ug/kg	833	169	4	06/21/22 12:40	06/23/22 19:39	98-95-3	
2-Nitrophenol	<263	ug/kg	833	263	4	06/21/22 12:40	06/23/22 19:39	88-75-5	
4-Nitrophenol	<210	ug/kg	833	210	4	06/21/22 12:40	06/23/22 19:39	100-02-7	
N-Nitroso-di-n-propylamine	<132	ug/kg	833	132	4	06/21/22 12:40	06/23/22 19:39	621-64-7	
N-Nitrosodiphenylamine	<219	ug/kg	833	219	4	06/21/22 12:40	06/23/22 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	<215	ug/kg	833	215	4	06/21/22 12:40	06/23/22 19:39	108-60-1	
Pentachlorophenol	<183	ug/kg	833	183	4	06/21/22 12:40	06/23/22 19:39	87-86-5	
Phenanthrene	440J	ug/kg	833	107	4	06/21/22 12:40	06/23/22 19:39	85-01-8	
Phenol	<198	ug/kg	833	198	4	06/21/22 12:40	06/23/22 19:39	108-95-2	D3
Pyrene	397J	ug/kg	833	184	4	06/21/22 12:40	06/23/22 19:39	129-00-0	
1,2,4-Trichlorobenzene	<94.1	ug/kg	833	94.1	4	06/21/22 12:40	06/23/22 19:39	120-82-1	
2,4,5-Trichlorophenol	<147	ug/kg	833	147	4	06/21/22 12:40	06/23/22 19:39	95-95-4	
2,4,6-Trichlorophenol	<127	ug/kg	833	127	4	06/21/22 12:40	06/23/22 19:39	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	10-125		4	06/21/22 12:40	06/23/22 19:39	4165-60-0	
2-Fluorobiphenyl (S)	44	%	12-118		4	06/21/22 12:40	06/23/22 19:39	321-60-8	
Terphenyl-d14 (S)	59	%	10-124		4	06/21/22 12:40	06/23/22 19:39	1718-51-0	
Phenol-d6 (S)	48	%	10-125		4	06/21/22 12:40	06/23/22 19:39	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		4	06/21/22 12:40	06/23/22 19:39	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-144		4	06/21/22 12:40	06/23/22 19:39	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<18.0	ug/kg	74.9	18.0	1	06/15/22 08:30	06/16/22 20:05	630-20-6	
1,1,1-Trichloroethane	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	71-55-6	
1,1,2,2-Tetrachloroethane	<27.1	ug/kg	74.9	27.1	1	06/15/22 08:30	06/16/22 20:05	79-34-5	
1,1,2-Trichloroethane	<27.2	ug/kg	74.9	27.2	1	06/15/22 08:30	06/16/22 20:05	79-00-5	
1,1-Dichloroethane	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	75-34-3	
1,1-Dichloroethene	<24.9	ug/kg	74.9	24.9	1	06/15/22 08:30	06/16/22 20:05	75-35-4	
1,1-Dichloropropene	<24.3	ug/kg	74.9	24.3	1	06/15/22 08:30	06/16/22 20:05	563-58-6	
1,2,3-Trichlorobenzene	<83.4	ug/kg	374	83.4	1	06/15/22 08:30	06/16/22 20:05	87-61-6	
1,2,3-Trichloropropane	<36.4	ug/kg	74.9	36.4	1	06/15/22 08:30	06/16/22 20:05	96-18-4	
1,2,4-Trichlorobenzene	<61.7	ug/kg	374	61.7	1	06/15/22 08:30	06/16/22 20:05	120-82-1	
1,2,4-Trimethylbenzene	38.8J	ug/kg	74.9	22.3	1	06/15/22 08:30	06/16/22 20:05	95-63-6	
1,2-Dibromo-3-chloropropane	<58.1	ug/kg	374	58.1	1	06/15/22 08:30	06/16/22 20:05	96-12-8	
1,2-Dibromoethane (EDB)	<20.5	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	106-93-4	
1,2-Dichlorobenzene	<23.2	ug/kg	74.9	23.2	1	06/15/22 08:30	06/16/22 20:05	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<17.2	ug/kg	74.9	17.2	1	06/15/22 08:30	06/16/22 20:05	107-06-2	
1,2-Dichloropropane	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	78-87-5	
1,3,5-Trimethylbenzene	<24.1	ug/kg	74.9	24.1	1	06/15/22 08:30	06/16/22 20:05	108-67-8	
1,3-Dichlorobenzene	40.0J	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	541-73-1	
1,3-Dichloropropane	<16.3	ug/kg	74.9	16.3	1	06/15/22 08:30	06/16/22 20:05	142-28-9	
1,4-Dichlorobenzene	56.9J	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	106-46-7	
2,2-Dichloropropane	<20.2	ug/kg	74.9	20.2	1	06/15/22 08:30	06/16/22 20:05	594-20-7	
2-Chlorotoluene	<24.3	ug/kg	74.9	24.3	1	06/15/22 08:30	06/16/22 20:05	95-49-8	
4-Chlorotoluene	<28.4	ug/kg	74.9	28.4	1	06/15/22 08:30	06/16/22 20:05	106-43-4	
Benzene	<17.8	ug/kg	29.9	17.8	1	06/15/22 08:30	06/16/22 20:05	71-43-2	
Bromobenzene	<29.2	ug/kg	74.9	29.2	1	06/15/22 08:30	06/16/22 20:05	108-86-1	
Bromochloromethane	<20.5	ug/kg	74.9	20.5	1	06/15/22 08:30	06/16/22 20:05	74-97-5	
Bromodichloromethane	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	75-27-4	
Bromoform	<329	ug/kg	374	329	1	06/15/22 08:30	06/16/22 20:05	75-25-2	
Bromomethane	<105	ug/kg	374	105	1	06/15/22 08:30	06/16/22 20:05	74-83-9	
Carbon tetrachloride	<16.5	ug/kg	74.9	16.5	1	06/15/22 08:30	06/16/22 20:05	56-23-5	
Chlorobenzene	15.5J	ug/kg	74.9	9.0	1	06/15/22 08:30	06/16/22 20:05	108-90-7	
Chloroethane	<31.6	ug/kg	374	31.6	1	06/15/22 08:30	06/16/22 20:05	75-00-3	
Chloroform	<53.6	ug/kg	374	53.6	1	06/15/22 08:30	06/16/22 20:05	67-66-3	
Chloromethane	<28.4	ug/kg	74.9	28.4	1	06/15/22 08:30	06/16/22 20:05	74-87-3	
Dibromochloromethane	<256	ug/kg	374	256	1	06/15/22 08:30	06/16/22 20:05	124-48-1	
Dibromomethane	<22.2	ug/kg	74.9	22.2	1	06/15/22 08:30	06/16/22 20:05	74-95-3	
Dichlorodifluoromethane	<32.2	ug/kg	74.9	32.2	1	06/15/22 08:30	06/16/22 20:05	75-71-8	
Diisopropyl ether	<18.6	ug/kg	74.9	18.6	1	06/15/22 08:30	06/16/22 20:05	108-20-3	
Ethylbenzene	<17.8	ug/kg	74.9	17.8	1	06/15/22 08:30	06/16/22 20:05	100-41-4	
Hexachloro-1,3-butadiene	<149	ug/kg	374	149	1	06/15/22 08:30	06/16/22 20:05	87-68-3	
Isopropylbenzene (Cumene)	20.5J	ug/kg	74.9	20.2	1	06/15/22 08:30	06/16/22 20:05	98-82-8	
Methyl-tert-butyl ether	<22.0	ug/kg	74.9	22.0	1	06/15/22 08:30	06/16/22 20:05	1634-04-4	
Methylene Chloride	<20.8	ug/kg	74.9	20.8	1	06/15/22 08:30	06/16/22 20:05	75-09-2	
Naphthalene	115J	ug/kg	374	23.4	1	06/15/22 08:30	06/16/22 20:05	91-20-3	
Styrene	<19.2	ug/kg	74.9	19.2	1	06/15/22 08:30	06/16/22 20:05	100-42-5	
Tetrachloroethene	<29.0	ug/kg	74.9	29.0	1	06/15/22 08:30	06/16/22 20:05	127-18-4	
Toluene	33.9J	ug/kg	74.9	18.9	1	06/15/22 08:30	06/16/22 20:05	108-88-3	
Trichloroethene	<28.0	ug/kg	74.9	28.0	1	06/15/22 08:30	06/16/22 20:05	79-01-6	
Trichlorofluoromethane	<21.7	ug/kg	74.9	21.7	1	06/15/22 08:30	06/16/22 20:05	75-69-4	
Vinyl chloride	<15.1	ug/kg	74.9	15.1	1	06/15/22 08:30	06/16/22 20:05	75-01-4	
cis-1,2-Dichloroethene	<16.0	ug/kg	74.9	16.0	1	06/15/22 08:30	06/16/22 20:05	156-59-2	
cis-1,3-Dichloropropene	<49.4	ug/kg	374	49.4	1	06/15/22 08:30	06/16/22 20:05	10061-01-5	
m&p-Xylene	41.6J	ug/kg	150	31.6	1	06/15/22 08:30	06/16/22 20:05	179601-23-1	
n-Butylbenzene	<34.3	ug/kg	74.9	34.3	1	06/15/22 08:30	06/16/22 20:05	104-51-8	
n-Propylbenzene	<18.0	ug/kg	74.9	18.0	1	06/15/22 08:30	06/16/22 20:05	103-65-1	
o-Xylene	29.3J	ug/kg	74.9	22.5	1	06/15/22 08:30	06/16/22 20:05	95-47-6	
p-Isopropyltoluene	<22.8	ug/kg	74.9	22.8	1	06/15/22 08:30	06/16/22 20:05	99-87-6	
sec-Butylbenzene	<18.3	ug/kg	74.9	18.3	1	06/15/22 08:30	06/16/22 20:05	135-98-8	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<23.5	ug/kg	74.9	23.5	1	06/15/22 08:30	06/16/22 20:05	98-06-6	
trans-1,2-Dichloroethene	<16.2	ug/kg	74.9	16.2	1	06/15/22 08:30	06/16/22 20:05	156-60-5	
trans-1,3-Dichloropropene	<214	ug/kg	374	214	1	06/15/22 08:30	06/16/22 20:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	137	%	69-153		1	06/15/22 08:30	06/16/22 20:05	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	06/15/22 08:30	06/16/22 20:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	116	%	71-161		1	06/15/22 08:30	06/16/22 20:05	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.063	ug/kg	1.26	0.063	1	06/16/22 11:28	06/20/22 18:27	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.076	ug/kg	1.26	0.076	1	06/16/22 11:28	06/20/22 18:27	27619-97-2	
8:2 FTS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	39108-34-4	
9Cl-PF3ONS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	763051-92-9	
ADONA	<0.013	ug/kg	1.26	0.013	1	06/16/22 11:28	06/20/22 18:27	919005-14-4	
Perfluorooctanesulfonamide	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	754-91-6	
HFPO-DA	<0.177	ug/kg	2.52	0.177	1	06/16/22 11:28	06/20/22 18:27	13252-13-6	
NEtFOSA	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	4151-50-2	
NEtFOSAA	2.37	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	2991-50-6	
NEtFOSE	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	1691-99-2	
NMeFOSA	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	31506-32-8	
NMeFOSAA	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2355-31-9	
NMeFOSE	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	24448-09-7	
Perfluorobutanoic acid	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-73-5	
Perfluorodecanoic acid (S)	<0.050	ug/kg	1.26	0.050	1	06/16/22 11:28	06/20/22 18:27	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	307-55-1	
PFDoS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	79780-39-5	
PFDS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	335-77-3	
Perfluoroheptanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-85-9	
PFHpS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-92-8	
Perfluorohexanoic acid (S)	0.058J	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	307-24-4	
Perfluorohexanesulfonic acid	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	375-95-1	
PFNS	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	68259-12-1	
Perfluorooctanoic acid	<0.101	ug/kg	1.26	0.101	1	06/16/22 11:28	06/20/22 18:27	335-67-1	
Perfluorooctanesulfonic acid	0.521J	ug/kg	1.26	0.063	1	06/16/22 11:28	06/20/22 18:27	1763-23-1	
Perfluoropentanoic acid	0.091J	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2706-90-3	
PFPeS	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	376-06-7	
Perfluorotridecanoic acid	<0.038	ug/kg	1.26	0.038	1	06/16/22 11:28	06/20/22 18:27	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.26	0.025	1	06/16/22 11:28	06/20/22 18:27	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-7**      **Lab ID: 40246376007**      Collected: 06/10/22 12:20      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	17	%	50-150		1	06/16/22 11:28	06/20/22 18:27	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	17	%	50-150		1	06/16/22 11:28	06/20/22 18:27	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	85	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2355-31-9-EI	
d5-NEtFOSAA	91	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2991-50-6-EI	
d7-NMeFOSE	35	%	50-150		1	06/16/22 11:28	06/20/22 18:27	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	39	%	50-150		1	06/16/22 11:28	06/20/22 18:27	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	757124-72-4	
M2 6:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	27619-97-2-	
M2 8:2 FTS	119	%	50-150		1	06/16/22 11:28	06/20/22 18:27	39108-34-4-	
M2PFHxDA	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	67905-19-5-	
M2PFTeDA	110	%	50-150		1	06/16/22 11:28	06/20/22 18:27	376-06-7-EI	
M3HFPODA	83	%	50-150		1	06/16/22 11:28	06/20/22 18:27	13252-13-6-	
M3PFBS	85	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-73-5-EI	
M3PFHxS	87	%	50-150		1	06/16/22 11:28	06/20/22 18:27	355-46-4-EI	
M4PFHpA	78	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-85-9-EI	
M5PFHxA	79	%	50-150		1	06/16/22 11:28	06/20/22 18:27	307-24-4-EI	
M5PFPeA	78	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2706-90-3-EI	
M6PFDA	105	%	50-150		1	06/16/22 11:28	06/20/22 18:27	335-76-2-EI	
M7PFUdA	104	%	50-150		1	06/16/22 11:28	06/20/22 18:27	2058-94-8-EI	
M8FOSA	47	%	50-150		1	06/16/22 11:28	06/20/22 18:27	754-91-6-EI	MSSV1 2.3
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:27	335-67-1-EI	
M8PFOS	99	%	50-150		1	06/16/22 11:28	06/20/22 18:27	1763-23-1-EI	
M9PFNA	95	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-95-1-EI	
MPFBA	74	%	50-150		1	06/16/22 11:28	06/20/22 18:27	375-22-4-EI	
MPFD <sub>o</sub> A	100	%	50-150		1	06/16/22 11:28	06/20/22 18:27	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>19.9</b>	%	0.10	0.10	1		06/15/22 15:35		
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**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;37.3</b>	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	12674-11-2	

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11104-28-2	
PCB-1232 (Aroclor 1232)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11141-16-5	
PCB-1242 (Aroclor 1242)	1000	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	53469-21-9	
PCB-1248 (Aroclor 1248)	<37.3	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	12672-29-6	
PCB-1254 (Aroclor 1254)	250	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11097-69-1	
PCB-1260 (Aroclor 1260)	123	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	11096-82-5	
PCB, Total	1380	ug/kg	122	37.3	2	06/15/22 14:55	06/16/22 13:27	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	78	%	50-99		2	06/15/22 14:55	06/16/22 13:27	877-09-8	
Decachlorobiphenyl (S)	62	%	38-95		2	06/15/22 14:55	06/16/22 13:27	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	39.8	mg/kg	6.0	3.5	2	06/14/22 06:44	06/14/22 18:48	7440-38-2	
Barium	131	mg/kg	1.2	0.36	2	06/14/22 06:44	06/14/22 18:48	7440-39-3	
Cadmium	0.37J	mg/kg	1.2	0.32	2	06/14/22 06:44	06/14/22 18:48	7440-43-9	D3
Chromium	26.5	mg/kg	2.4	0.67	2	06/14/22 06:44	06/14/22 18:48	7440-47-3	
Lead	75.7	mg/kg	4.8	1.4	2	06/14/22 06:44	06/14/22 18:48	7439-92-1	
Selenium	<3.2	mg/kg	9.6	3.2	2	06/14/22 06:44	06/14/22 18:48	7782-49-2	D3
Silver	<0.74	mg/kg	2.4	0.74	2	06/14/22 06:44	06/14/22 18:48	7440-22-4	D3
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.011J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:00	7440-38-2	3q
Barium	0.44	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:00	7440-39-3	
Cadmium	0.0035J	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:00	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:00	7440-47-3	
Copper	0.0078J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:00	7440-50-8	
Lead	0.0061J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:00	7439-92-1	
Nickel	0.032	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:00	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:00	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:00	7440-22-4	
Zinc	0.12	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:00	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:53	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.27	mg/kg	0.039	0.011	1	06/21/22 09:10	06/22/22 10:48	7439-97-6	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<290	ug/kg	817	290	4	06/21/22 12:40	06/22/22 19:05	83-32-9	
Acenaphthylene	<291	ug/kg	817	291	4	06/21/22 12:40	06/22/22 19:05	208-96-8	
Anthracene	267J	ug/kg	817	131	4	06/21/22 12:40	06/22/22 19:05	120-12-7	
Benzo(a)anthracene	605J	ug/kg	817	126	4	06/21/22 12:40	06/22/22 19:05	56-55-3	
Benzo(a)pyrene	523J	ug/kg	817	123	4	06/21/22 12:40	06/22/22 19:05	50-32-8	
Benzo(b)fluoranthene	638J	ug/kg	817	140	4	06/21/22 12:40	06/22/22 19:05	205-99-2	
Benzo(g,h,i)perylene	405J	ug/kg	817	214	4	06/21/22 12:40	06/22/22 19:05	191-24-2	
Benzo(k)fluoranthene	271J	ug/kg	817	196	4	06/21/22 12:40	06/22/22 19:05	207-08-9	
4-Bromophenylphenyl ether	<171	ug/kg	817	171	4	06/21/22 12:40	06/22/22 19:05	101-55-3	
Butylbenzylphthalate	<340	ug/kg	817	340	4	06/21/22 12:40	06/22/22 19:05	85-68-7	
Carbazole	<128	ug/kg	817	128	4	06/21/22 12:40	06/22/22 19:05	86-74-8	
4-Chloro-3-methylphenol	<254	ug/kg	817	254	4	06/21/22 12:40	06/22/22 19:05	59-50-7	
4-Chloroaniline	<134	ug/kg	817	134	4	06/21/22 12:40	06/22/22 19:05	106-47-8	1q
bis(2-Chloroethoxy)methane	<220	ug/kg	817	220	4	06/21/22 12:40	06/22/22 19:05	111-91-1	
bis(2-Chloroethyl) ether	<255	ug/kg	817	255	4	06/21/22 12:40	06/22/22 19:05	111-44-4	L2
2-Chloronaphthalene	<105	ug/kg	817	105	4	06/21/22 12:40	06/22/22 19:05	91-58-7	
2-Chlorophenol	<204	ug/kg	817	204	4	06/21/22 12:40	06/22/22 19:05	95-57-8	
4-Chlorophenylphenyl ether	<152	ug/kg	817	152	4	06/21/22 12:40	06/22/22 19:05	7005-72-3	
Chrysene	667J	ug/kg	817	122	4	06/21/22 12:40	06/22/22 19:05	218-01-9	
Dibenz(a,h)anthracene	<222	ug/kg	817	222	4	06/21/22 12:40	06/22/22 19:05	53-70-3	
Dibenzofuran	<98.9	ug/kg	817	98.9	4	06/21/22 12:40	06/22/22 19:05	132-64-9	
1,2-Dichlorobenzene	<257	ug/kg	817	257	4	06/21/22 12:40	06/22/22 19:05	95-50-1	
1,3-Dichlorobenzene	<113	ug/kg	817	113	4	06/21/22 12:40	06/22/22 19:05	541-73-1	
1,4-Dichlorobenzene	<114	ug/kg	817	114	4	06/21/22 12:40	06/22/22 19:05	106-46-7	
3,3'-Dichlorobenzidine	<222	ug/kg	817	222	4	06/21/22 12:40	06/22/22 19:05	91-94-1	
2,4-Dichlorophenol	<218	ug/kg	817	218	4	06/21/22 12:40	06/22/22 19:05	120-83-2	
Diethylphthalate	<135	ug/kg	817	135	4	06/21/22 12:40	06/22/22 19:05	84-66-2	
2,4-Dimethylphenol	<162	ug/kg	817	162	4	06/21/22 12:40	06/22/22 19:05	105-67-9	
Dimethylphthalate	<106	ug/kg	817	106	4	06/21/22 12:40	06/22/22 19:05	131-11-3	
Di-n-butylphthalate	<122	ug/kg	817	122	4	06/21/22 12:40	06/22/22 19:05	84-74-2	
4,6-Dinitro-2-methylphenol	<252	ug/kg	817	252	4	06/21/22 12:40	06/22/22 19:05	534-52-1	
2,4-Dinitrophenol	<642	ug/kg	1610	642	4	06/21/22 12:40	06/22/22 19:05	51-28-5	
2,4-Dinitrotoluene	<117	ug/kg	817	117	4	06/21/22 12:40	06/22/22 19:05	121-14-2	
2,6-Dinitrotoluene	<155	ug/kg	817	155	4	06/21/22 12:40	06/22/22 19:05	606-20-2	
Di-n-octylphthalate	<184	ug/kg	817	184	4	06/21/22 12:40	06/22/22 19:05	117-84-0	
bis(2-Ethylhexyl)phthalate	<279	ug/kg	817	279	4	06/21/22 12:40	06/22/22 19:05	117-81-7	
Fluoranthene	1490	ug/kg	817	116	4	06/21/22 12:40	06/22/22 19:05	206-44-0	
Fluorene	112J	ug/kg	817	95.5	4	06/21/22 12:40	06/22/22 19:05	86-73-7	
Hexachloro-1,3-butadiene	<208	ug/kg	817	208	4	06/21/22 12:40	06/22/22 19:05	87-68-3	
Hexachlorobenzene	<137	ug/kg	817	137	4	06/21/22 12:40	06/22/22 19:05	118-74-1	
Hexachlorocyclopentadiene	<193	ug/kg	817	193	4	06/21/22 12:40	06/22/22 19:05	77-47-4	
Hexachloroethane	<131	ug/kg	817	131	4	06/21/22 12:40	06/22/22 19:05	67-72-1	
Indeno(1,2,3-cd)pyrene	400J	ug/kg	817	177	4	06/21/22 12:40	06/22/22 19:05	193-39-5	
Isophorone	<126	ug/kg	817	126	4	06/21/22 12:40	06/22/22 19:05	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE** Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

2-Methylnaphthalene	<b>&lt;212</b>	ug/kg	817	212	4	06/21/22 12:40	06/22/22 19:05	91-57-6	
2-Methylphenol(o-Cresol)	<b>&lt;148</b>	ug/kg	817	148	4	06/21/22 12:40	06/22/22 19:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	<b>&lt;150</b>	ug/kg	817	150	4	06/21/22 12:40	06/22/22 19:05		
Naphthalene	<b>&lt;286</b>	ug/kg	817	286	4	06/21/22 12:40	06/22/22 19:05	91-20-3	
2-Nitroaniline	<b>&lt;233</b>	ug/kg	817	233	4	06/21/22 12:40	06/22/22 19:05	88-74-4	
3-Nitroaniline	<b>&lt;139</b>	ug/kg	817	139	4	06/21/22 12:40	06/22/22 19:05	99-09-2	
4-Nitroaniline	<b>&lt;339</b>	ug/kg	817	339	4	06/21/22 12:40	06/22/22 19:05	100-01-6	
Nitrobenzene	<b>&lt;166</b>	ug/kg	817	166	4	06/21/22 12:40	06/22/22 19:05	98-95-3	
2-Nitrophenol	<b>&lt;258</b>	ug/kg	817	258	4	06/21/22 12:40	06/22/22 19:05	88-75-5	
4-Nitrophenol	<b>&lt;206</b>	ug/kg	817	206	4	06/21/22 12:40	06/22/22 19:05	100-02-7	
N-Nitroso-di-n-propylamine	<b>&lt;130</b>	ug/kg	817	130	4	06/21/22 12:40	06/22/22 19:05	621-64-7	
N-Nitrosodiphenylamine	<b>&lt;215</b>	ug/kg	817	215	4	06/21/22 12:40	06/22/22 19:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	<b>&lt;211</b>	ug/kg	817	211	4	06/21/22 12:40	06/22/22 19:05	108-60-1	
Pentachlorophenol	<b>&lt;180</b>	ug/kg	817	180	4	06/21/22 12:40	06/22/22 19:05	87-86-5	
Phenanthrene	<b>811J</b>	ug/kg	817	105	4	06/21/22 12:40	06/22/22 19:05	85-01-8	
Phenol	<b>&lt;194</b>	ug/kg	817	194	4	06/21/22 12:40	06/22/22 19:05	108-95-2	D3
Pyrene	<b>1110</b>	ug/kg	817	181	4	06/21/22 12:40	06/22/22 19:05	129-00-0	
1,2,4-Trichlorobenzene	<b>&lt;92.3</b>	ug/kg	817	92.3	4	06/21/22 12:40	06/22/22 19:05	120-82-1	
2,4,5-Trichlorophenol	<b>&lt;144</b>	ug/kg	817	144	4	06/21/22 12:40	06/22/22 19:05	95-95-4	
2,4,6-Trichlorophenol	<b>&lt;125</b>	ug/kg	817	125	4	06/21/22 12:40	06/22/22 19:05	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	68	%	10-125		4	06/21/22 12:40	06/22/22 19:05	4165-60-0	
2-Fluorobiphenyl (S)	67	%	12-118		4	06/21/22 12:40	06/22/22 19:05	321-60-8	
Terphenyl-d14 (S)	70	%	10-124		4	06/21/22 12:40	06/22/22 19:05	1718-51-0	
Phenol-d6 (S)	60	%	10-125		4	06/21/22 12:40	06/22/22 19:05	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		4	06/21/22 12:40	06/22/22 19:05	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		4	06/21/22 12:40	06/22/22 19:05	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<b>&lt;17.4</b>	ug/kg	72.5	17.4	1	06/15/22 08:30	06/16/22 20:24	630-20-6	
1,1,1-Trichloroethane	<b>105</b>	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;26.2</b>	ug/kg	72.5	26.2	1	06/15/22 08:30	06/16/22 20:24	79-34-5	
1,1,2-Trichloroethane	<b>&lt;26.4</b>	ug/kg	72.5	26.4	1	06/15/22 08:30	06/16/22 20:24	79-00-5	
1,1-Dichloroethane	<b>96.3</b>	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	75-34-3	
1,1-Dichloroethene	<b>&lt;24.1</b>	ug/kg	72.5	24.1	1	06/15/22 08:30	06/16/22 20:24	75-35-4	
1,1-Dichloropropene	<b>&lt;23.5</b>	ug/kg	72.5	23.5	1	06/15/22 08:30	06/16/22 20:24	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;80.8</b>	ug/kg	362	80.8	1	06/15/22 08:30	06/16/22 20:24	87-61-6	
1,2,3-Trichloropropane	<b>&lt;35.2</b>	ug/kg	72.5	35.2	1	06/15/22 08:30	06/16/22 20:24	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;59.7</b>	ug/kg	362	59.7	1	06/15/22 08:30	06/16/22 20:24	120-82-1	
1,2,4-Trimethylbenzene	<b>43.3J</b>	ug/kg	72.5	21.6	1	06/15/22 08:30	06/16/22 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	<b>&lt;56.3</b>	ug/kg	362	56.3	1	06/15/22 08:30	06/16/22 20:24	96-12-8	
1,2-Dibromoethane (EDB)	<b>&lt;19.9</b>	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	106-93-4	
1,2-Dichlorobenzene	<b>&lt;22.5</b>	ug/kg	72.5	22.5	1	06/15/22 08:30	06/16/22 20:24	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.7	ug/kg	72.5	16.7	1	06/15/22 08:30	06/16/22 20:24	107-06-2	
1,2-Dichloropropane	<17.3	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	78-87-5	
1,3,5-Trimethylbenzene	31.5J	ug/kg	72.5	23.3	1	06/15/22 08:30	06/16/22 20:24	108-67-8	
1,3-Dichlorobenzene	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	541-73-1	
1,3-Dichloropropane	<15.8	ug/kg	72.5	15.8	1	06/15/22 08:30	06/16/22 20:24	142-28-9	
1,4-Dichlorobenzene	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	106-46-7	
2,2-Dichloropropane	<19.6	ug/kg	72.5	19.6	1	06/15/22 08:30	06/16/22 20:24	594-20-7	
2-Chlorotoluene	<23.5	ug/kg	72.5	23.5	1	06/15/22 08:30	06/16/22 20:24	95-49-8	
4-Chlorotoluene	<27.5	ug/kg	72.5	27.5	1	06/15/22 08:30	06/16/22 20:24	106-43-4	
Benzene	<17.3	ug/kg	29.0	17.3	1	06/15/22 08:30	06/16/22 20:24	71-43-2	
Bromobenzene	<28.3	ug/kg	72.5	28.3	1	06/15/22 08:30	06/16/22 20:24	108-86-1	
Bromochloromethane	<19.9	ug/kg	72.5	19.9	1	06/15/22 08:30	06/16/22 20:24	74-97-5	
Bromodichloromethane	<17.3	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	75-27-4	
Bromoform	<319	ug/kg	362	319	1	06/15/22 08:30	06/16/22 20:24	75-25-2	
Bromomethane	<102	ug/kg	362	102	1	06/15/22 08:30	06/16/22 20:24	74-83-9	
Carbon tetrachloride	<15.9	ug/kg	72.5	15.9	1	06/15/22 08:30	06/16/22 20:24	56-23-5	
Chlorobenzene	<8.7	ug/kg	72.5	8.7	1	06/15/22 08:30	06/16/22 20:24	108-90-7	
Chloroethane	<30.6	ug/kg	362	30.6	1	06/15/22 08:30	06/16/22 20:24	75-00-3	
Chloroform	<51.9	ug/kg	362	51.9	1	06/15/22 08:30	06/16/22 20:24	67-66-3	
Chloromethane	<27.5	ug/kg	72.5	27.5	1	06/15/22 08:30	06/16/22 20:24	74-87-3	
Dibromochloromethane	<248	ug/kg	362	248	1	06/15/22 08:30	06/16/22 20:24	124-48-1	
Dibromomethane	<21.5	ug/kg	72.5	21.5	1	06/15/22 08:30	06/16/22 20:24	74-95-3	
Dichlorodifluoromethane	<31.2	ug/kg	72.5	31.2	1	06/15/22 08:30	06/16/22 20:24	75-71-8	
Diisopropyl ether	<18.0	ug/kg	72.5	18.0	1	06/15/22 08:30	06/16/22 20:24	108-20-3	
Ethylbenzene	64.6J	ug/kg	72.5	17.3	1	06/15/22 08:30	06/16/22 20:24	100-41-4	
Hexachloro-1,3-butadiene	<144	ug/kg	362	144	1	06/15/22 08:30	06/16/22 20:24	87-68-3	
Isopropylbenzene (Cumene)	<19.6	ug/kg	72.5	19.6	1	06/15/22 08:30	06/16/22 20:24	98-82-8	
Methyl-tert-butyl ether	<21.3	ug/kg	72.5	21.3	1	06/15/22 08:30	06/16/22 20:24	1634-04-4	
Methylene Chloride	<20.2	ug/kg	72.5	20.2	1	06/15/22 08:30	06/16/22 20:24	75-09-2	
Naphthalene	46.1J	ug/kg	362	22.6	1	06/15/22 08:30	06/16/22 20:24	91-20-3	
Styrene	<18.6	ug/kg	72.5	18.6	1	06/15/22 08:30	06/16/22 20:24	100-42-5	
Tetrachloroethene	59.6J	ug/kg	72.5	28.1	1	06/15/22 08:30	06/16/22 20:24	127-18-4	
Toluene	192	ug/kg	72.5	18.3	1	06/15/22 08:30	06/16/22 20:24	108-88-3	
Trichloroethene	53.5J	ug/kg	72.5	27.1	1	06/15/22 08:30	06/16/22 20:24	79-01-6	
Trichlorofluoromethane	<21.0	ug/kg	72.5	21.0	1	06/15/22 08:30	06/16/22 20:24	75-69-4	
Vinyl chloride	<14.6	ug/kg	72.5	14.6	1	06/15/22 08:30	06/16/22 20:24	75-01-4	
cis-1,2-Dichloroethene	<15.5	ug/kg	72.5	15.5	1	06/15/22 08:30	06/16/22 20:24	156-59-2	
cis-1,3-Dichloropropene	<47.8	ug/kg	362	47.8	1	06/15/22 08:30	06/16/22 20:24	10061-01-5	
m&p-Xylene	102J	ug/kg	145	30.6	1	06/15/22 08:30	06/16/22 20:24	179601-23-1	
n-Butylbenzene	<33.2	ug/kg	72.5	33.2	1	06/15/22 08:30	06/16/22 20:24	104-51-8	
n-Propylbenzene	27.0J	ug/kg	72.5	17.4	1	06/15/22 08:30	06/16/22 20:24	103-65-1	
o-Xylene	31.0J	ug/kg	72.5	21.7	1	06/15/22 08:30	06/16/22 20:24	95-47-6	
p-Isopropyltoluene	24.6J	ug/kg	72.5	22.0	1	06/15/22 08:30	06/16/22 20:24	99-87-6	
sec-Butylbenzene	<17.7	ug/kg	72.5	17.7	1	06/15/22 08:30	06/16/22 20:24	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.8	ug/kg	72.5	22.8	1	06/15/22 08:30	06/16/22 20:24	98-06-6	
trans-1,2-Dichloroethene	<15.7	ug/kg	72.5	15.7	1	06/15/22 08:30	06/16/22 20:24	156-60-5	
trans-1,3-Dichloropropene	<207	ug/kg	362	207	1	06/15/22 08:30	06/16/22 20:24	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	153	%	69-153		1	06/15/22 08:30	06/16/22 20:24	2037-26-5	
4-Bromofluorobenzene (S)	153	%	68-156		1	06/15/22 08:30	06/16/22 20:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	71-161		1	06/15/22 08:30	06/16/22 20:24	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.062	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 18:42	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.074	ug/kg	1.23	0.074	1	06/16/22 11:28	06/20/22 18:42	27619-97-2	
8:2 FTS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	39108-34-4	
9Cl-PF3ONS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	763051-92-9	
ADONA	<0.012	ug/kg	1.23	0.012	1	06/16/22 11:28	06/20/22 18:42	919005-14-4	
Perfluorooctanesulfonamide	0.044J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	754-91-6	
HFPO-DA	<0.172	ug/kg	2.46	0.172	1	06/16/22 11:28	06/20/22 18:42	13252-13-6	
NEtFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	4151-50-2	
NEtFOSAA	2.01	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	2991-50-6	
NEtFOSE	0.117J	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	1691-99-2	
NMeFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	31506-32-8	
NMeFOSAA	0.036J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2355-31-9	
NMeFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	24448-09-7	
Perfluorobutanoic acid	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-73-5	
Perfluorodecanoic acid (S)	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 18:42	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	307-55-1	
PFDoS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	79780-39-5	
PFDS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	335-77-3	
Perfluoroheptanoic acid	0.027J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-85-9	
PFHpS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-92-8	
Perfluorohexanoic acid (S)	0.050J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	307-24-4	
Perfluorohexanesulfonic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	375-95-1	
PFNS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	68259-12-1	
Perfluorooctanoic acid	0.161J	ug/kg	1.23	0.098	1	06/16/22 11:28	06/20/22 18:42	335-67-1	
Perfluorooctanesulfonic acid	1.01J	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 18:42	1763-23-1	
Perfluoropentanoic acid	0.038J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2706-90-3	
PFPeS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	376-06-7	
Perfluorotridecanoic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 18:42	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 18:42	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-8**      **Lab ID: 40246376008**      Collected: 06/10/22 12:40      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	13	%	50-150		1	06/16/22 11:28	06/20/22 18:42	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	11	%	50-150		1	06/16/22 11:28	06/20/22 18:42	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2355-31-9-EI	
d5-NEtFOSAA	79	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2991-50-6-EI	
d7-NMeFOSE	30	%	50-150		1	06/16/22 11:28	06/20/22 18:42	24448-09-7-	MSSV1 2.3
d9-NEtFOSE	31	%	50-150		1	06/16/22 11:28	06/20/22 18:42	1691-99-2-EI	MSSV1 2.3
M2 4:2 FTS	111	%	50-150		1	06/16/22 11:28	06/20/22 18:42	757124-72-4	
M2 6:2 FTS	106	%	50-150		1	06/16/22 11:28	06/20/22 18:42	27619-97-2-	
M2 8:2 FTS	108	%	50-150		1	06/16/22 11:28	06/20/22 18:42	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 18:42	67905-19-5-	
M2PFTeDA	95	%	50-150		1	06/16/22 11:28	06/20/22 18:42	376-06-7-EI	
M3HFPODA	85	%	50-150		1	06/16/22 11:28	06/20/22 18:42	13252-13-6-	
M3PFBS	91	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-73-5-EI	
M3PFHxS	89	%	50-150		1	06/16/22 11:28	06/20/22 18:42	355-46-4-EI	
M4PFHpA	80	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-85-9-EI	
M5PFHxA	83	%	50-150		1	06/16/22 11:28	06/20/22 18:42	307-24-4-EI	
M5PFPeA	81	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2706-90-3-EI	
M6PFDA	90	%	50-150		1	06/16/22 11:28	06/20/22 18:42	335-76-2-EI	
M7PFUdA	90	%	50-150		1	06/16/22 11:28	06/20/22 18:42	2058-94-8-EI	
M8FOSA	37	%	50-150		1	06/16/22 11:28	06/20/22 18:42	754-91-6-EI	MSSV1 2.3
M8PFOA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	335-67-1-EI	
M8PFOS	93	%	50-150		1	06/16/22 11:28	06/20/22 18:42	1763-23-1-EI	
M9PFNA	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-95-1-EI	
MPFBA	76	%	50-150		1	06/16/22 11:28	06/20/22 18:42	375-22-4-EI	
MPFD <sub>o</sub> A	86	%	50-150		1	06/16/22 11:28	06/20/22 18:42	307-55-1-EI	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>18.4</b>	%	0.10	0.10	1		06/20/22 15:21		
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**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<b>&lt;18.7</b>	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	12674-11-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1221 (Aroclor 1221)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11141-16-5	
PCB-1242 (Aroclor 1242)	1170	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.7	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	12672-29-6	
PCB-1254 (Aroclor 1254)	206	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11097-69-1	
PCB-1260 (Aroclor 1260)	197	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	11096-82-5	
PCB, Total	1570	ug/kg	61.5	18.7	1	06/15/22 14:55	06/16/22 12:22	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	73	%	50-99		1	06/15/22 14:55	06/16/22 12:22	877-09-8	
Decachlorobiphenyl (S)	56	%	38-95		1	06/15/22 14:55	06/16/22 12:22	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	8.1	mg/kg	3.0	1.8	1	06/14/22 06:44	06/14/22 15:04	7440-38-2	
Barium	161	mg/kg	0.61	0.18	1	06/14/22 06:44	06/14/22 15:04	7440-39-3	
Cadmium	0.41J	mg/kg	0.61	0.16	1	06/14/22 06:44	06/14/22 15:04	7440-43-9	
Chromium	29.3	mg/kg	1.2	0.34	1	06/14/22 06:44	06/14/22 15:04	7440-47-3	
Lead	38.0	mg/kg	2.4	0.73	1	06/14/22 06:44	06/14/22 15:04	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	06/14/22 06:44	06/14/22 15:04	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	06/14/22 06:44	06/14/22 15:04	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	0.013J	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:07	7440-38-2	3q
Barium	0.55	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:07	7440-39-3	
Cadmium	0.0024J	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:07	7440-43-9	
Chromium	<0.0025	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:07	7440-47-3	
Copper	0.0071J	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:07	7440-50-8	
Lead	0.0099J	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:07	7439-92-1	
Nickel	0.029	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:07	7440-02-0	
Selenium	<0.012	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:07	7782-49-2	
Silver	<0.0032	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:07	7440-22-4	
Zinc	0.098	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:07	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<0.066	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:56	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.19	mg/kg	0.041	0.012	1	06/21/22 09:10	06/22/22 10:51	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-9** Lab ID: **40246376009** Collected: 06/10/22 12:55 Received: 06/10/22 15:40 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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<291	ug/kg	821	291	4	06/21/22 12:40	06/23/22 20:00	83-32-9	
Acenaphthylene	<293	ug/kg	821	293	4	06/21/22 12:40	06/23/22 20:00	208-96-8	
Anthracene	151J	ug/kg	821	131	4	06/21/22 12:40	06/23/22 20:00	120-12-7	
Benzo(a)anthracene	525J	ug/kg	821	127	4	06/21/22 12:40	06/23/22 20:00	56-55-3	
Benzo(a)pyrene	472J	ug/kg	821	124	4	06/21/22 12:40	06/23/22 20:00	50-32-8	
Benzo(b)fluoranthene	573J	ug/kg	821	141	4	06/21/22 12:40	06/23/22 20:00	205-99-2	
Benzo(g,h,i)perylene	366J	ug/kg	821	215	4	06/21/22 12:40	06/23/22 20:00	191-24-2	
Benzo(k)fluoranthene	201J	ug/kg	821	197	4	06/21/22 12:40	06/23/22 20:00	207-08-9	
4-Bromophenylphenyl ether	<172	ug/kg	821	172	4	06/21/22 12:40	06/23/22 20:00	101-55-3	
Butylbenzylphthalate	<342	ug/kg	821	342	4	06/21/22 12:40	06/23/22 20:00	85-68-7	
Carbazole	<129	ug/kg	821	129	4	06/21/22 12:40	06/23/22 20:00	86-74-8	
4-Chloro-3-methylphenol	<255	ug/kg	821	255	4	06/21/22 12:40	06/23/22 20:00	59-50-7	
4-Chloroaniline	<135	ug/kg	821	135	4	06/21/22 12:40	06/23/22 20:00	106-47-8	4q
bis(2-Chloroethoxy)methane	<221	ug/kg	821	221	4	06/21/22 12:40	06/23/22 20:00	111-91-1	
bis(2-Chloroethyl) ether	<256	ug/kg	821	256	4	06/21/22 12:40	06/23/22 20:00	111-44-4	L2
2-Chloronaphthalene	<105	ug/kg	821	105	4	06/21/22 12:40	06/23/22 20:00	91-58-7	
2-Chlorophenol	<205	ug/kg	821	205	4	06/21/22 12:40	06/23/22 20:00	95-57-8	
4-Chlorophenylphenyl ether	<153	ug/kg	821	153	4	06/21/22 12:40	06/23/22 20:00	7005-72-3	
Chrysene	574J	ug/kg	821	123	4	06/21/22 12:40	06/23/22 20:00	218-01-9	
Dibenz(a,h)anthracene	<223	ug/kg	821	223	4	06/21/22 12:40	06/23/22 20:00	53-70-3	
Dibenzofuran	<99.4	ug/kg	821	99.4	4	06/21/22 12:40	06/23/22 20:00	132-64-9	
1,2-Dichlorobenzene	<258	ug/kg	821	258	4	06/21/22 12:40	06/23/22 20:00	95-50-1	
1,3-Dichlorobenzene	<114	ug/kg	821	114	4	06/21/22 12:40	06/23/22 20:00	541-73-1	
1,4-Dichlorobenzene	<114	ug/kg	821	114	4	06/21/22 12:40	06/23/22 20:00	106-46-7	
3,3'-Dichlorobenzidine	<223	ug/kg	821	223	4	06/21/22 12:40	06/23/22 20:00	91-94-1	
2,4-Dichlorophenol	<219	ug/kg	821	219	4	06/21/22 12:40	06/23/22 20:00	120-83-2	
Diethylphthalate	<136	ug/kg	821	136	4	06/21/22 12:40	06/23/22 20:00	84-66-2	
2,4-Dimethylphenol	<162	ug/kg	821	162	4	06/21/22 12:40	06/23/22 20:00	105-67-9	
Dimethylphthalate	<107	ug/kg	821	107	4	06/21/22 12:40	06/23/22 20:00	131-11-3	
Di-n-butylphthalate	<123	ug/kg	821	123	4	06/21/22 12:40	06/23/22 20:00	84-74-2	
4,6-Dinitro-2-methylphenol	<253	ug/kg	821	253	4	06/21/22 12:40	06/23/22 20:00	534-52-1	
2,4-Dinitrophenol	<645	ug/kg	1620	645	4	06/21/22 12:40	06/23/22 20:00	51-28-5	
2,4-Dinitrotoluene	<117	ug/kg	821	117	4	06/21/22 12:40	06/23/22 20:00	121-14-2	
2,6-Dinitrotoluene	<156	ug/kg	821	156	4	06/21/22 12:40	06/23/22 20:00	606-20-2	
Di-n-octylphthalate	<185	ug/kg	821	185	4	06/21/22 12:40	06/23/22 20:00	117-84-0	
bis(2-Ethylhexyl)phthalate	863	ug/kg	821	280	4	06/21/22 12:40	06/23/22 20:00	117-81-7	
Fluoranthene	1160	ug/kg	821	116	4	06/21/22 12:40	06/23/22 20:00	206-44-0	
Fluorene	<95.9	ug/kg	821	95.9	4	06/21/22 12:40	06/23/22 20:00	86-73-7	
Hexachloro-1,3-butadiene	<209	ug/kg	821	209	4	06/21/22 12:40	06/23/22 20:00	87-68-3	
Hexachlorobenzene	<138	ug/kg	821	138	4	06/21/22 12:40	06/23/22 20:00	118-74-1	
Hexachlorocyclopentadiene	<194	ug/kg	821	194	4	06/21/22 12:40	06/23/22 20:00	77-47-4	
Hexachloroethane	<131	ug/kg	821	131	4	06/21/22 12:40	06/23/22 20:00	67-72-1	
Indeno(1,2,3-cd)pyrene	354J	ug/kg	821	178	4	06/21/22 12:40	06/23/22 20:00	193-39-5	
Isophorone	<126	ug/kg	821	126	4	06/21/22 12:40	06/23/22 20:00	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<213	ug/kg	821	213	4	06/21/22 12:40	06/23/22 20:00	91-57-6	
2-Methylphenol(o-Cresol)	<149	ug/kg	821	149	4	06/21/22 12:40	06/23/22 20:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	<150	ug/kg	821	150	4	06/21/22 12:40	06/23/22 20:00		
Naphthalene	<287	ug/kg	821	287	4	06/21/22 12:40	06/23/22 20:00	91-20-3	
2-Nitroaniline	<234	ug/kg	821	234	4	06/21/22 12:40	06/23/22 20:00	88-74-4	
3-Nitroaniline	<140	ug/kg	821	140	4	06/21/22 12:40	06/23/22 20:00	99-09-2	
4-Nitroaniline	<341	ug/kg	821	341	4	06/21/22 12:40	06/23/22 20:00	100-01-6	
Nitrobenzene	<166	ug/kg	821	166	4	06/21/22 12:40	06/23/22 20:00	98-95-3	
2-Nitrophenol	<259	ug/kg	821	259	4	06/21/22 12:40	06/23/22 20:00	88-75-5	
4-Nitrophenol	<207	ug/kg	821	207	4	06/21/22 12:40	06/23/22 20:00	100-02-7	
N-Nitroso-di-n-propylamine	<130	ug/kg	821	130	4	06/21/22 12:40	06/23/22 20:00	621-64-7	
N-Nitrosodiphenylamine	<216	ug/kg	821	216	4	06/21/22 12:40	06/23/22 20:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	<212	ug/kg	821	212	4	06/21/22 12:40	06/23/22 20:00	108-60-1	
Pentachlorophenol	<181	ug/kg	821	181	4	06/21/22 12:40	06/23/22 20:00	87-86-5	
Phenanthrene	720J	ug/kg	821	105	4	06/21/22 12:40	06/23/22 20:00	85-01-8	
Phenol	<195	ug/kg	821	195	4	06/21/22 12:40	06/23/22 20:00	108-95-2	D3
Pyrene	1030	ug/kg	821	182	4	06/21/22 12:40	06/23/22 20:00	129-00-0	
1,2,4-Trichlorobenzene	<92.8	ug/kg	821	92.8	4	06/21/22 12:40	06/23/22 20:00	120-82-1	
2,4,5-Trichlorophenol	<145	ug/kg	821	145	4	06/21/22 12:40	06/23/22 20:00	95-95-4	
2,4,6-Trichlorophenol	<125	ug/kg	821	125	4	06/21/22 12:40	06/23/22 20:00	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	10-125		4	06/21/22 12:40	06/23/22 20:00	4165-60-0	
2-Fluorobiphenyl (S)	57	%	12-118		4	06/21/22 12:40	06/23/22 20:00	321-60-8	
Terphenyl-d14 (S)	76	%	10-124		4	06/21/22 12:40	06/23/22 20:00	1718-51-0	
Phenol-d6 (S)	49	%	10-125		4	06/21/22 12:40	06/23/22 20:00	13127-88-3	
2-Fluorophenol (S)	54	%	10-130		4	06/21/22 12:40	06/23/22 20:00	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		4	06/21/22 12:40	06/23/22 20:00	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<17.5	ug/kg	72.8	17.5	1	06/15/22 08:30	06/16/22 20:44	630-20-6	
1,1,1-Trichloroethane	102	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	71-55-6	
1,1,2,2-Tetrachloroethane	<26.4	ug/kg	72.8	26.4	1	06/15/22 08:30	06/16/22 20:44	79-34-5	
1,1,2-Trichloroethane	<26.5	ug/kg	72.8	26.5	1	06/15/22 08:30	06/16/22 20:44	79-00-5	
1,1-Dichloroethane	131	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	75-34-3	
1,1-Dichloroethene	<24.2	ug/kg	72.8	24.2	1	06/15/22 08:30	06/16/22 20:44	75-35-4	
1,1-Dichloropropene	<23.6	ug/kg	72.8	23.6	1	06/15/22 08:30	06/16/22 20:44	563-58-6	
1,2,3-Trichlorobenzene	<81.1	ug/kg	364	81.1	1	06/15/22 08:30	06/16/22 20:44	87-61-6	
1,2,3-Trichloropropane	<35.4	ug/kg	72.8	35.4	1	06/15/22 08:30	06/16/22 20:44	96-18-4	
1,2,4-Trichlorobenzene	<60.0	ug/kg	364	60.0	1	06/15/22 08:30	06/16/22 20:44	120-82-1	
1,2,4-Trimethylbenzene	64.8J	ug/kg	72.8	21.7	1	06/15/22 08:30	06/16/22 20:44	95-63-6	
1,2-Dibromo-3-chloropropane	<56.5	ug/kg	364	56.5	1	06/15/22 08:30	06/16/22 20:44	96-12-8	
1,2-Dibromoethane (EDB)	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	106-93-4	
1,2-Dichlorobenzene	29.8J	ug/kg	72.8	22.6	1	06/15/22 08:30	06/16/22 20:44	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<16.7	ug/kg	72.8	16.7	1	06/15/22 08:30	06/16/22 20:44	107-06-2	
1,2-Dichloropropane	<17.3	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	78-87-5	
1,3,5-Trimethylbenzene	37.3J	ug/kg	72.8	23.4	1	06/15/22 08:30	06/16/22 20:44	108-67-8	
1,3-Dichlorobenzene	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	541-73-1	
1,3-Dichloropropane	<15.9	ug/kg	72.8	15.9	1	06/15/22 08:30	06/16/22 20:44	142-28-9	
1,4-Dichlorobenzene	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	106-46-7	
2,2-Dichloropropane	<19.7	ug/kg	72.8	19.7	1	06/15/22 08:30	06/16/22 20:44	594-20-7	
2-Chlorotoluene	<23.6	ug/kg	72.8	23.6	1	06/15/22 08:30	06/16/22 20:44	95-49-8	
4-Chlorotoluene	<27.7	ug/kg	72.8	27.7	1	06/15/22 08:30	06/16/22 20:44	106-43-4	
Benzene	<17.3	ug/kg	29.1	17.3	1	06/15/22 08:30	06/16/22 20:44	71-43-2	
Bromobenzene	<28.4	ug/kg	72.8	28.4	1	06/15/22 08:30	06/16/22 20:44	108-86-1	
Bromochloromethane	<20.0	ug/kg	72.8	20.0	1	06/15/22 08:30	06/16/22 20:44	74-97-5	
Bromodichloromethane	<17.3	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	75-27-4	
Bromoform	<320	ug/kg	364	320	1	06/15/22 08:30	06/16/22 20:44	75-25-2	
Bromomethane	<102	ug/kg	364	102	1	06/15/22 08:30	06/16/22 20:44	74-83-9	
Carbon tetrachloride	<16.0	ug/kg	72.8	16.0	1	06/15/22 08:30	06/16/22 20:44	56-23-5	
Chlorobenzene	<8.7	ug/kg	72.8	8.7	1	06/15/22 08:30	06/16/22 20:44	108-90-7	
Chloroethane	<30.7	ug/kg	364	30.7	1	06/15/22 08:30	06/16/22 20:44	75-00-3	
Chloroform	<52.1	ug/kg	364	52.1	1	06/15/22 08:30	06/16/22 20:44	67-66-3	
Chloromethane	<27.7	ug/kg	72.8	27.7	1	06/15/22 08:30	06/16/22 20:44	74-87-3	
Dibromochloromethane	<249	ug/kg	364	249	1	06/15/22 08:30	06/16/22 20:44	124-48-1	
Dibromomethane	<21.6	ug/kg	72.8	21.6	1	06/15/22 08:30	06/16/22 20:44	74-95-3	
Dichlorodifluoromethane	<31.3	ug/kg	72.8	31.3	1	06/15/22 08:30	06/16/22 20:44	75-71-8	
Diisopropyl ether	<18.1	ug/kg	72.8	18.1	1	06/15/22 08:30	06/16/22 20:44	108-20-3	
Ethylbenzene	62.9J	ug/kg	72.8	17.3	1	06/15/22 08:30	06/16/22 20:44	100-41-4	
Hexachloro-1,3-butadiene	<145	ug/kg	364	145	1	06/15/22 08:30	06/16/22 20:44	87-68-3	
Isopropylbenzene (Cumene)	23.1J	ug/kg	72.8	19.7	1	06/15/22 08:30	06/16/22 20:44	98-82-8	
Methyl-tert-butyl ether	<21.4	ug/kg	72.8	21.4	1	06/15/22 08:30	06/16/22 20:44	1634-04-4	
Methylene Chloride	<20.2	ug/kg	72.8	20.2	1	06/15/22 08:30	06/16/22 20:44	75-09-2	
Naphthalene	66.1J	ug/kg	364	22.7	1	06/15/22 08:30	06/16/22 20:44	91-20-3	
Styrene	<18.6	ug/kg	72.8	18.6	1	06/15/22 08:30	06/16/22 20:44	100-42-5	
Tetrachloroethene	57.0J	ug/kg	72.8	28.3	1	06/15/22 08:30	06/16/22 20:44	127-18-4	
Toluene	198	ug/kg	72.8	18.3	1	06/15/22 08:30	06/16/22 20:44	108-88-3	
Trichloroethene	<27.2	ug/kg	72.8	27.2	1	06/15/22 08:30	06/16/22 20:44	79-01-6	
Trichlorofluoromethane	<21.1	ug/kg	72.8	21.1	1	06/15/22 08:30	06/16/22 20:44	75-69-4	
Vinyl chloride	<14.7	ug/kg	72.8	14.7	1	06/15/22 08:30	06/16/22 20:44	75-01-4	
cis-1,2-Dichloroethene	16.9J	ug/kg	72.8	15.6	1	06/15/22 08:30	06/16/22 20:44	156-59-2	
cis-1,3-Dichloropropene	<48.1	ug/kg	364	48.1	1	06/15/22 08:30	06/16/22 20:44	10061-01-5	
m&p-Xylene	72.2J	ug/kg	146	30.7	1	06/15/22 08:30	06/16/22 20:44	179601-23-1	
n-Butylbenzene	<33.3	ug/kg	72.8	33.3	1	06/15/22 08:30	06/16/22 20:44	104-51-8	
n-Propylbenzene	22.1J	ug/kg	72.8	17.5	1	06/15/22 08:30	06/16/22 20:44	103-65-1	
o-Xylene	27.6J	ug/kg	72.8	21.8	1	06/15/22 08:30	06/16/22 20:44	95-47-6	
p-Isopropyltoluene	51.1J	ug/kg	72.8	22.1	1	06/15/22 08:30	06/16/22 20:44	99-87-6	
sec-Butylbenzene	21.5J	ug/kg	72.8	17.8	1	06/15/22 08:30	06/16/22 20:44	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<22.9	ug/kg	72.8	22.9	1	06/15/22 08:30	06/16/22 20:44	98-06-6	
trans-1,2-Dichloroethene	<15.7	ug/kg	72.8	15.7	1	06/15/22 08:30	06/16/22 20:44	156-60-5	
trans-1,3-Dichloropropene	<208	ug/kg	364	208	1	06/15/22 08:30	06/16/22 20:44	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	153	%	69-153		1	06/15/22 08:30	06/16/22 20:44	2037-26-5	
4-Bromofluorobenzene (S)	146	%	68-156		1	06/15/22 08:30	06/16/22 20:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	128	%	71-161		1	06/15/22 08:30	06/16/22 20:44	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.057	ug/kg	1.15	0.057	1	06/16/22 11:28	06/20/22 19:26	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.069	ug/kg	1.15	0.069	1	06/16/22 11:28	06/20/22 19:26	27619-97-2	
8:2 FTS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	39108-34-4	
9Cl-PF3ONS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	763051-92-9	
ADONA	<0.011	ug/kg	1.15	0.011	1	06/16/22 11:28	06/20/22 19:26	919005-14-4	
Perfluorooctanesulfonamide	0.034J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	754-91-6	
HFPO-DA	<0.161	ug/kg	2.30	0.161	1	06/16/22 11:28	06/20/22 19:26	13252-13-6	
NEtFOSA	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	4151-50-2	
NEtFOSAA	1.92	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	2991-50-6	
NEtFOSE	0.043J	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	1691-99-2	
NMeFOSA	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2355-31-9	
NMeFOSE	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	24448-09-7	
Perfluorobutanoic acid	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-73-5	
Perfluorodecanoic acid (S)	<0.046	ug/kg	1.15	0.046	1	06/16/22 11:28	06/20/22 19:26	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	307-55-1	
PFDoS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	79780-39-5	
PFDS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	335-77-3	
Perfluoroheptanoic acid	0.044J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-85-9	
PFHpS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-92-8	
Perfluorohexanoic acid (S)	0.062J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	307-24-4	
Perfluorohexanesulfonic acid	0.042J	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	355-46-4	
Perfluorononanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	375-95-1	
PFNS	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	68259-12-1	
Perfluorooctanoic acid	0.243J	ug/kg	1.15	0.092	1	06/16/22 11:28	06/20/22 19:26	335-67-1	
Perfluorooctanesulfonic acid	0.978J	ug/kg	1.15	0.057	1	06/16/22 11:28	06/20/22 19:26	1763-23-1	
Perfluoropentanoic acid	0.061J	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2706-90-3	
PFPeS	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	376-06-7	
Perfluorotridecanoic acid	<0.034	ug/kg	1.15	0.034	1	06/16/22 11:28	06/20/22 19:26	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.15	0.023	1	06/16/22 11:28	06/20/22 19:26	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-9**      **Lab ID: 40246376009**      Collected: 06/10/22 12:55      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast									
<b>Surrogates</b>									
d-NEtFOSA	43	%	50-150		1	06/16/22 11:28	06/20/22 19:26	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	43	%	50-150		1	06/16/22 11:28	06/20/22 19:26	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	71	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2355-31-9-EI	
d5-NEtFOSAA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2991-50-6-EI	
d7-NMeFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:26	24448-09-7-	
d9-NEtFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:26	1691-99-2-EI	
M2 4:2 FTS	112	%	50-150		1	06/16/22 11:28	06/20/22 19:26	757124-72-4	
M2 6:2 FTS	93	%	50-150		1	06/16/22 11:28	06/20/22 19:26	27619-97-2-	
M2 8:2 FTS	98	%	50-150		1	06/16/22 11:28	06/20/22 19:26	39108-34-4-	
M2PFHxDA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	67905-19-5-	
M2PFTeDA	94	%	50-150		1	06/16/22 11:28	06/20/22 19:26	376-06-7-EI	
M3HFPODA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:26	13252-13-6-	
M3PFBS	79	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-73-5-EI	
M3PFHxS	77	%	50-150		1	06/16/22 11:28	06/20/22 19:26	355-46-4-EI	
M4PFHpA	74	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-85-9-EI	
M5PFHxA	76	%	50-150		1	06/16/22 11:28	06/20/22 19:26	307-24-4-EI	
M5PFPeA	74	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2706-90-3-EI	
M6PFDA	87	%	50-150		1	06/16/22 11:28	06/20/22 19:26	335-76-2-EI	
M7PFUdA	87	%	50-150		1	06/16/22 11:28	06/20/22 19:26	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 19:26	754-91-6-EI	
M8PFOA	83	%	50-150		1	06/16/22 11:28	06/20/22 19:26	335-67-1-EI	
M8PFOS	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	1763-23-1-EI	
M9PFNA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-95-1-EI	
MPFBA	68	%	50-150		1	06/16/22 11:28	06/20/22 19:26	375-22-4-EI	
MPFDoA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:26	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **18.6**      %      0.10      0.10      1      06/20/22 15:21

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.7	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>650</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;17.7</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>222</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>95.0</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	11096-82-5	
PCB, Total	<b>967</b>	ug/kg	58.0	17.7	1	06/15/22 14:55	06/16/22 12:44	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	50-99		1	06/15/22 14:55	06/16/22 12:44	877-09-8	
Decachlorobiphenyl (S)	60	%	38-95		1	06/15/22 14:55	06/16/22 12:44	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>9.6</b>	mg/kg	2.7	1.6	1	06/14/22 06:44	06/14/22 15:06	7440-38-2	
Barium	<b>182</b>	mg/kg	0.54	0.16	1	06/14/22 06:44	06/14/22 15:06	7440-39-3	
Cadmium	<b>0.36J</b>	mg/kg	0.54	0.14	1	06/14/22 06:44	06/14/22 15:06	7440-43-9	
Chromium	<b>23.8</b>	mg/kg	1.1	0.30	1	06/14/22 06:44	06/14/22 15:06	7440-47-3	
Lead	<b>31.7</b>	mg/kg	2.2	0.65	1	06/14/22 06:44	06/14/22 15:06	7439-92-1	
Selenium	<b>&lt;1.4</b>	mg/kg	4.3	1.4	1	06/14/22 06:44	06/14/22 15:06	7782-49-2	
Silver	<b>&lt;0.33</b>	mg/kg	1.1	0.33	1	06/14/22 06:44	06/14/22 15:06	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>&lt;0.0083</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:10	7440-38-2	
Barium	<b>0.60</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:10	7440-39-3	
Cadmium	<b>&lt;0.0013</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:10	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:10	7440-47-3	
Copper	<b>0.0044J</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:10	7440-50-8	
Lead	<b>&lt;0.0059</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:10	7439-92-1	
Nickel	<b>0.023</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:10	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:10	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:10	7440-22-4	
Zinc	<b>0.049</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:10	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 06:58	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.17</b>	mg/kg	0.038	0.011	1	06/21/22 09:10	06/22/22 10:53	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<276	ug/kg	778	276	4	06/21/22 12:40	06/23/22 20:21	83-32-9	
Acenaphthylene	<277	ug/kg	778	277	4	06/21/22 12:40	06/23/22 20:21	208-96-8	
Anthracene	138J	ug/kg	778	124	4	06/21/22 12:40	06/23/22 20:21	120-12-7	
Benzo(a)anthracene	399J	ug/kg	778	120	4	06/21/22 12:40	06/23/22 20:21	56-55-3	
Benzo(a)pyrene	403J	ug/kg	778	117	4	06/21/22 12:40	06/23/22 20:21	50-32-8	
Benzo(b)fluoranthene	500J	ug/kg	778	134	4	06/21/22 12:40	06/23/22 20:21	205-99-2	
Benzo(g,h,i)perylene	270J	ug/kg	778	203	4	06/21/22 12:40	06/23/22 20:21	191-24-2	
Benzo(k)fluoranthene	188J	ug/kg	778	186	4	06/21/22 12:40	06/23/22 20:21	207-08-9	
4-Bromophenylphenyl ether	<163	ug/kg	778	163	4	06/21/22 12:40	06/23/22 20:21	101-55-3	
Butylbenzylphthalate	<324	ug/kg	778	324	4	06/21/22 12:40	06/23/22 20:21	85-68-7	
Carbazole	<122	ug/kg	778	122	4	06/21/22 12:40	06/23/22 20:21	86-74-8	
4-Chloro-3-methylphenol	<242	ug/kg	778	242	4	06/21/22 12:40	06/23/22 20:21	59-50-7	
4-Chloroaniline	<128	ug/kg	778	128	4	06/21/22 12:40	06/23/22 20:21	106-47-8	4q
bis(2-Chloroethoxy)methane	<209	ug/kg	778	209	4	06/21/22 12:40	06/23/22 20:21	111-91-1	
bis(2-Chloroethyl) ether	<243	ug/kg	778	243	4	06/21/22 12:40	06/23/22 20:21	111-44-4	L2
2-Chloronaphthalene	<99.9	ug/kg	778	99.9	4	06/21/22 12:40	06/23/22 20:21	91-58-7	
2-Chlorophenol	<194	ug/kg	778	194	4	06/21/22 12:40	06/23/22 20:21	95-57-8	
4-Chlorophenylphenyl ether	<145	ug/kg	778	145	4	06/21/22 12:40	06/23/22 20:21	7005-72-3	
Chrysene	412J	ug/kg	778	116	4	06/21/22 12:40	06/23/22 20:21	218-01-9	
Dibenz(a,h)anthracene	<211	ug/kg	778	211	4	06/21/22 12:40	06/23/22 20:21	53-70-3	
Dibenzofuran	<94.2	ug/kg	778	94.2	4	06/21/22 12:40	06/23/22 20:21	132-64-9	
1,2-Dichlorobenzene	<245	ug/kg	778	245	4	06/21/22 12:40	06/23/22 20:21	95-50-1	
1,3-Dichlorobenzene	<108	ug/kg	778	108	4	06/21/22 12:40	06/23/22 20:21	541-73-1	
1,4-Dichlorobenzene	<108	ug/kg	778	108	4	06/21/22 12:40	06/23/22 20:21	106-46-7	
3,3'-Dichlorobenzidine	<211	ug/kg	778	211	4	06/21/22 12:40	06/23/22 20:21	91-94-1	
2,4-Dichlorophenol	<208	ug/kg	778	208	4	06/21/22 12:40	06/23/22 20:21	120-83-2	
Diethylphthalate	<129	ug/kg	778	129	4	06/21/22 12:40	06/23/22 20:21	84-66-2	
2,4-Dimethylphenol	<154	ug/kg	778	154	4	06/21/22 12:40	06/23/22 20:21	105-67-9	
Dimethylphthalate	<101	ug/kg	778	101	4	06/21/22 12:40	06/23/22 20:21	131-11-3	
Di-n-butylphthalate	<116	ug/kg	778	116	4	06/21/22 12:40	06/23/22 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	<240	ug/kg	778	240	4	06/21/22 12:40	06/23/22 20:21	534-52-1	
2,4-Dinitrophenol	<611	ug/kg	1540	611	4	06/21/22 12:40	06/23/22 20:21	51-28-5	
2,4-Dinitrotoluene	<111	ug/kg	778	111	4	06/21/22 12:40	06/23/22 20:21	121-14-2	
2,6-Dinitrotoluene	<148	ug/kg	778	148	4	06/21/22 12:40	06/23/22 20:21	606-20-2	
Di-n-octylphthalate	<175	ug/kg	778	175	4	06/21/22 12:40	06/23/22 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	715J	ug/kg	778	265	4	06/21/22 12:40	06/23/22 20:21	117-81-7	
Fluoranthene	942	ug/kg	778	110	4	06/21/22 12:40	06/23/22 20:21	206-44-0	
Fluorene	114J	ug/kg	778	90.9	4	06/21/22 12:40	06/23/22 20:21	86-73-7	
Hexachloro-1,3-butadiene	<198	ug/kg	778	198	4	06/21/22 12:40	06/23/22 20:21	87-68-3	
Hexachlorobenzene	<131	ug/kg	778	131	4	06/21/22 12:40	06/23/22 20:21	118-74-1	
Hexachlorocyclopentadiene	<184	ug/kg	778	184	4	06/21/22 12:40	06/23/22 20:21	77-47-4	
Hexachloroethane	<124	ug/kg	778	124	4	06/21/22 12:40	06/23/22 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	298J	ug/kg	778	168	4	06/21/22 12:40	06/23/22 20:21	193-39-5	
Isophorone	<120	ug/kg	778	120	4	06/21/22 12:40	06/23/22 20:21	78-59-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10** Lab ID: **40246376010** Collected: 06/10/22 13:10 Received: 06/10/22 15:40 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
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**8270E MSSV FULL LIST MICROWAVE** Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

2-Methylnaphthalene	<b>360J</b>	ug/kg	778	202	4	06/21/22 12:40	06/23/22 20:21	91-57-6	
2-Methylphenol(o-Cresol)	<b>&lt;141</b>	ug/kg	778	141	4	06/21/22 12:40	06/23/22 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	<b>&lt;143</b>	ug/kg	778	143	4	06/21/22 12:40	06/23/22 20:21		
Naphthalene	<b>&lt;272</b>	ug/kg	778	272	4	06/21/22 12:40	06/23/22 20:21	91-20-3	
2-Nitroaniline	<b>&lt;222</b>	ug/kg	778	222	4	06/21/22 12:40	06/23/22 20:21	88-74-4	
3-Nitroaniline	<b>&lt;132</b>	ug/kg	778	132	4	06/21/22 12:40	06/23/22 20:21	99-09-2	
4-Nitroaniline	<b>&lt;323</b>	ug/kg	778	323	4	06/21/22 12:40	06/23/22 20:21	100-01-6	
Nitrobenzene	<b>&lt;158</b>	ug/kg	778	158	4	06/21/22 12:40	06/23/22 20:21	98-95-3	
2-Nitrophenol	<b>&lt;245</b>	ug/kg	778	245	4	06/21/22 12:40	06/23/22 20:21	88-75-5	
4-Nitrophenol	<b>&lt;196</b>	ug/kg	778	196	4	06/21/22 12:40	06/23/22 20:21	100-02-7	
N-Nitroso-di-n-propylamine	<b>&lt;123</b>	ug/kg	778	123	4	06/21/22 12:40	06/23/22 20:21	621-64-7	
N-Nitrosodiphenylamine	<b>&lt;205</b>	ug/kg	778	205	4	06/21/22 12:40	06/23/22 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	<b>&lt;201</b>	ug/kg	778	201	4	06/21/22 12:40	06/23/22 20:21	108-60-1	
Pentachlorophenol	<b>&lt;171</b>	ug/kg	778	171	4	06/21/22 12:40	06/23/22 20:21	87-86-5	
Phenanthrene	<b>663J</b>	ug/kg	778	99.8	4	06/21/22 12:40	06/23/22 20:21	85-01-8	
Phenol	<b>&lt;185</b>	ug/kg	778	185	4	06/21/22 12:40	06/23/22 20:21	108-95-2	D3
Pyrene	<b>784</b>	ug/kg	778	172	4	06/21/22 12:40	06/23/22 20:21	129-00-0	
1,2,4-Trichlorobenzene	<b>&lt;87.9</b>	ug/kg	778	87.9	4	06/21/22 12:40	06/23/22 20:21	120-82-1	
2,4,5-Trichlorophenol	<b>&lt;137</b>	ug/kg	778	137	4	06/21/22 12:40	06/23/22 20:21	95-95-4	
2,4,6-Trichlorophenol	<b>&lt;119</b>	ug/kg	778	119	4	06/21/22 12:40	06/23/22 20:21	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	10-125		4	06/21/22 12:40	06/23/22 20:21	4165-60-0	
2-Fluorobiphenyl (S)	68	%	12-118		4	06/21/22 12:40	06/23/22 20:21	321-60-8	
Terphenyl-d14 (S)	71	%	10-124		4	06/21/22 12:40	06/23/22 20:21	1718-51-0	
Phenol-d6 (S)	47	%	10-125		4	06/21/22 12:40	06/23/22 20:21	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		4	06/21/22 12:40	06/23/22 20:21	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		4	06/21/22 12:40	06/23/22 20:21	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<b>&lt;15.9</b>	ug/kg	66.4	15.9	1	06/15/22 08:30	06/16/22 21:03	630-20-6	
1,1,1-Trichloroethane	<b>53.3J</b>	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;24.0</b>	ug/kg	66.4	24.0	1	06/15/22 08:30	06/16/22 21:03	79-34-5	
1,1,2-Trichloroethane	<b>&lt;24.2</b>	ug/kg	66.4	24.2	1	06/15/22 08:30	06/16/22 21:03	79-00-5	
1,1-Dichloroethane	<b>115</b>	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	75-34-3	
1,1-Dichloroethene	<b>&lt;22.0</b>	ug/kg	66.4	22.0	1	06/15/22 08:30	06/16/22 21:03	75-35-4	
1,1-Dichloropropene	<b>&lt;21.5</b>	ug/kg	66.4	21.5	1	06/15/22 08:30	06/16/22 21:03	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;73.9</b>	ug/kg	332	73.9	1	06/15/22 08:30	06/16/22 21:03	87-61-6	
1,2,3-Trichloropropane	<b>&lt;32.3</b>	ug/kg	66.4	32.3	1	06/15/22 08:30	06/16/22 21:03	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;54.7</b>	ug/kg	332	54.7	1	06/15/22 08:30	06/16/22 21:03	120-82-1	
1,2,4-Trimethylbenzene	<b>36.8J</b>	ug/kg	66.4	19.8	1	06/15/22 08:30	06/16/22 21:03	95-63-6	
1,2-Dibromo-3-chloropropane	<b>&lt;51.5</b>	ug/kg	332	51.5	1	06/15/22 08:30	06/16/22 21:03	96-12-8	
1,2-Dibromoethane (EDB)	<b>&lt;18.2</b>	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	106-93-4	
1,2-Dichlorobenzene	<b>&lt;20.6</b>	ug/kg	66.4	20.6	1	06/15/22 08:30	06/16/22 21:03	95-50-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.3	ug/kg	66.4	15.3	1	06/15/22 08:30	06/16/22 21:03	107-06-2	
1,2-Dichloropropane	<15.8	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	78-87-5	
1,3,5-Trimethylbenzene	<21.4	ug/kg	66.4	21.4	1	06/15/22 08:30	06/16/22 21:03	108-67-8	
1,3-Dichlorobenzene	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	541-73-1	
1,3-Dichloropropane	<14.5	ug/kg	66.4	14.5	1	06/15/22 08:30	06/16/22 21:03	142-28-9	
1,4-Dichlorobenzene	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	106-46-7	
2,2-Dichloropropane	<17.9	ug/kg	66.4	17.9	1	06/15/22 08:30	06/16/22 21:03	594-20-7	
2-Chlorotoluene	<21.5	ug/kg	66.4	21.5	1	06/15/22 08:30	06/16/22 21:03	95-49-8	
4-Chlorotoluene	<25.2	ug/kg	66.4	25.2	1	06/15/22 08:30	06/16/22 21:03	106-43-4	
Benzene	<15.8	ug/kg	26.6	15.8	1	06/15/22 08:30	06/16/22 21:03	71-43-2	
Bromobenzene	<25.9	ug/kg	66.4	25.9	1	06/15/22 08:30	06/16/22 21:03	108-86-1	
Bromochloromethane	<18.2	ug/kg	66.4	18.2	1	06/15/22 08:30	06/16/22 21:03	74-97-5	
Bromodichloromethane	<15.8	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	75-27-4	
Bromoform	<292	ug/kg	332	292	1	06/15/22 08:30	06/16/22 21:03	75-25-2	
Bromomethane	<93.1	ug/kg	332	93.1	1	06/15/22 08:30	06/16/22 21:03	74-83-9	
Carbon tetrachloride	<14.6	ug/kg	66.4	14.6	1	06/15/22 08:30	06/16/22 21:03	56-23-5	
Chlorobenzene	<8.0	ug/kg	66.4	8.0	1	06/15/22 08:30	06/16/22 21:03	108-90-7	
Chloroethane	<28.0	ug/kg	332	28.0	1	06/15/22 08:30	06/16/22 21:03	75-00-3	
Chloroform	<47.5	ug/kg	332	47.5	1	06/15/22 08:30	06/16/22 21:03	67-66-3	
Chloromethane	<25.2	ug/kg	66.4	25.2	1	06/15/22 08:30	06/16/22 21:03	74-87-3	
Dibromochloromethane	<227	ug/kg	332	227	1	06/15/22 08:30	06/16/22 21:03	124-48-1	
Dibromomethane	<19.6	ug/kg	66.4	19.6	1	06/15/22 08:30	06/16/22 21:03	74-95-3	
Dichlorodifluoromethane	<28.5	ug/kg	66.4	28.5	1	06/15/22 08:30	06/16/22 21:03	75-71-8	
Diisopropyl ether	<16.5	ug/kg	66.4	16.5	1	06/15/22 08:30	06/16/22 21:03	108-20-3	
Ethylbenzene	36.5J	ug/kg	66.4	15.8	1	06/15/22 08:30	06/16/22 21:03	100-41-4	
Hexachloro-1,3-butadiene	<132	ug/kg	332	132	1	06/15/22 08:30	06/16/22 21:03	87-68-3	
Isopropylbenzene (Cumene)	20.5J	ug/kg	66.4	17.9	1	06/15/22 08:30	06/16/22 21:03	98-82-8	
Methyl-tert-butyl ether	<19.5	ug/kg	66.4	19.5	1	06/15/22 08:30	06/16/22 21:03	1634-04-4	
Methylene Chloride	<18.5	ug/kg	66.4	18.5	1	06/15/22 08:30	06/16/22 21:03	75-09-2	
Naphthalene	145J	ug/kg	332	20.7	1	06/15/22 08:30	06/16/22 21:03	91-20-3	
Styrene	<17.0	ug/kg	66.4	17.0	1	06/15/22 08:30	06/16/22 21:03	100-42-5	
Tetrachloroethene	36.2J	ug/kg	66.4	25.8	1	06/15/22 08:30	06/16/22 21:03	127-18-4	
Toluene	70.9	ug/kg	66.4	16.7	1	06/15/22 08:30	06/16/22 21:03	108-88-3	
Trichloroethene	<24.8	ug/kg	66.4	24.8	1	06/15/22 08:30	06/16/22 21:03	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.4	19.2	1	06/15/22 08:30	06/16/22 21:03	75-69-4	
Vinyl chloride	<13.4	ug/kg	66.4	13.4	1	06/15/22 08:30	06/16/22 21:03	75-01-4	
cis-1,2-Dichloroethene	<14.2	ug/kg	66.4	14.2	1	06/15/22 08:30	06/16/22 21:03	156-59-2	
cis-1,3-Dichloropropene	<43.8	ug/kg	332	43.8	1	06/15/22 08:30	06/16/22 21:03	10061-01-5	
m&p-Xylene	77.0J	ug/kg	133	28.0	1	06/15/22 08:30	06/16/22 21:03	179601-23-1	
n-Butylbenzene	<30.4	ug/kg	66.4	30.4	1	06/15/22 08:30	06/16/22 21:03	104-51-8	
n-Propylbenzene	28.1J	ug/kg	66.4	15.9	1	06/15/22 08:30	06/16/22 21:03	103-65-1	
o-Xylene	23.0J	ug/kg	66.4	19.9	1	06/15/22 08:30	06/16/22 21:03	95-47-6	
p-Isopropyltoluene	<20.2	ug/kg	66.4	20.2	1	06/15/22 08:30	06/16/22 21:03	99-87-6	
sec-Butylbenzene	55.1J	ug/kg	66.4	16.2	1	06/15/22 08:30	06/16/22 21:03	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<20.8	ug/kg	66.4	20.8	1	06/15/22 08:30	06/16/22 21:03	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.4	14.3	1	06/15/22 08:30	06/16/22 21:03	156-60-5	
trans-1,3-Dichloropropene	<190	ug/kg	332	190	1	06/15/22 08:30	06/16/22 21:03	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	141	%	69-153		1	06/15/22 08:30	06/16/22 21:03	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	06/15/22 08:30	06/16/22 21:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	71-161		1	06/15/22 08:30	06/16/22 21:03	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.052	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 19:40	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.062	ug/kg	1.04	0.062	1	06/16/22 11:28	06/20/22 19:40	27619-97-2	
8:2 FTS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	39108-34-4	
9Cl-PF3ONS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	756426-58-1	
11Cl-PF3OUdS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	763051-92-9	
ADONA	<0.010	ug/kg	1.04	0.010	1	06/16/22 11:28	06/20/22 19:40	919005-14-4	
Perfluorooctanesulfonamide	0.043J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	754-91-6	
HFPO-DA	<0.146	ug/kg	2.08	0.146	1	06/16/22 11:28	06/20/22 19:40	13252-13-6	
NEtFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	4151-50-2	
NEtFOSAA	0.923J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	2991-50-6	
NEtFOSE	0.094J	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	1691-99-2	
NMeFOSA	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	31506-32-8	
NMeFOSAA	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2355-31-9	
NMeFOSE	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	24448-09-7	
Perfluorobutanoic acid	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	375-22-4	
Perfluorobutanesulfonic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-73-5	
Perfluorodecanoic acid (S)	<0.042	ug/kg	1.04	0.042	1	06/16/22 11:28	06/20/22 19:40	335-76-2	
Perfluorododecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	307-55-1	
PFDoS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	79780-39-5	
PFDS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	335-77-3	
Perfluoroheptanoic acid	0.023J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-85-9	
PFHpS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-92-8	
Perfluorohexanoic acid (S)	0.031J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	307-24-4	
Perfluorohexanesulfonic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	355-46-4	
Perfluorononanoic acid	0.021J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	375-95-1	
PFNS	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	68259-12-1	
Perfluorooctanoic acid	0.154J	ug/kg	1.04	0.083	1	06/16/22 11:28	06/20/22 19:40	335-67-1	
Perfluorooctanesulfonic acid	1.07	ug/kg	1.04	0.052	1	06/16/22 11:28	06/20/22 19:40	1763-23-1	
Perfluoropentanoic acid	0.026J	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2706-90-3	
PFPeS	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2706-91-4	
Perfluorotetradecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	376-06-7	
Perfluorotridecanoic acid	<0.031	ug/kg	1.04	0.031	1	06/16/22 11:28	06/20/22 19:40	72629-94-8	
Perfluoroundecanoic acid	<0.021	ug/kg	1.04	0.021	1	06/16/22 11:28	06/20/22 19:40	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-10**      **Lab ID: 40246376010**      Collected: 06/10/22 13:10      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	39	%	50-150		1	06/16/22 11:28	06/20/22 19:40	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	38	%	50-150		1	06/16/22 11:28	06/20/22 19:40	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2355-31-9-EI	
d5-NEtFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2991-50-6-EI	
d7-NMeFOSE	56	%	50-150		1	06/16/22 11:28	06/20/22 19:40	24448-09-7-	
d9-NEtFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 19:40	1691-99-2-EI	
M2 4:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 19:40	757124-72-4	
M2 6:2 FTS	92	%	50-150		1	06/16/22 11:28	06/20/22 19:40	27619-97-2-	
M2 8:2 FTS	99	%	50-150		1	06/16/22 11:28	06/20/22 19:40	39108-34-4-	
M2PFHxDA	88	%	50-150		1	06/16/22 11:28	06/20/22 19:40	67905-19-5-	
M2PFTeDA	96	%	50-150		1	06/16/22 11:28	06/20/22 19:40	376-06-7-EI	
M3HFPODA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:40	13252-13-6-	
M3PFBS	82	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-73-5-EI	
M3PFHxS	83	%	50-150		1	06/16/22 11:28	06/20/22 19:40	355-46-4-EI	
M4PFHpA	78	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-85-9-EI	
M5PFHxA	80	%	50-150		1	06/16/22 11:28	06/20/22 19:40	307-24-4-EI	
M5PFPeA	79	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2706-90-3-EI	
M6PFDA	92	%	50-150		1	06/16/22 11:28	06/20/22 19:40	335-76-2-EI	
M7PFUdA	90	%	50-150		1	06/16/22 11:28	06/20/22 19:40	2058-94-8-EI	
M8FOSA	65	%	50-150		1	06/16/22 11:28	06/20/22 19:40	754-91-6-EI	
M8PFOA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:40	335-67-1-EI	
M8PFOS	86	%	50-150		1	06/16/22 11:28	06/20/22 19:40	1763-23-1-EI	
M9PFNA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-95-1-EI	
MPFBA	75	%	50-150		1	06/16/22 11:28	06/20/22 19:40	375-22-4-EI	
MPFDoA	90	%	50-150		1	06/16/22 11:28	06/20/22 19:40	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **14.1**      %      0.10      0.10      1      06/20/22 15:21

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	12674-11-2	
PCB-1221 (Aroclor 1221)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11104-28-2	
PCB-1232 (Aroclor 1232)	< <b>35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>1560</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>&lt;35.3</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>235</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	11096-82-5	
PCB, Total	<b>1790</b>	ug/kg	116	35.3	2	06/15/22 14:55	06/17/22 13:00	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	64	%	50-99		2	06/15/22 14:55	06/17/22 13:00	877-09-8	
Decachlorobiphenyl (S)	55	%	38-95		2	06/15/22 14:55	06/17/22 13:00	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>6.1</b>	mg/kg	2.9	1.7	1	06/14/22 06:44	06/14/22 15:08	7440-38-2	
Barium	<b>120</b>	mg/kg	0.57	0.17	1	06/14/22 06:44	06/14/22 15:08	7440-39-3	
Cadmium	<b>0.34J</b>	mg/kg	0.57	0.15	1	06/14/22 06:44	06/14/22 15:08	7440-43-9	
Chromium	<b>19.9</b>	mg/kg	1.1	0.32	1	06/14/22 06:44	06/14/22 15:08	7440-47-3	
Lead	<b>31.0</b>	mg/kg	2.3	0.68	1	06/14/22 06:44	06/14/22 15:08	7439-92-1	
Selenium	<b>&lt;1.5</b>	mg/kg	4.6	1.5	1	06/14/22 06:44	06/14/22 15:08	7782-49-2	
Silver	<b>&lt;0.35</b>	mg/kg	1.1	0.35	1	06/14/22 06:44	06/14/22 15:08	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.018J</b>	mg/L	0.050	0.017	2	06/30/22 09:42	07/07/22 13:03	7440-38-2	3q,D3
Barium	<b>0.68</b>	mg/L	0.010	0.0030	2	06/30/22 09:42	07/07/22 13:03	7440-39-3	
Cadmium	<b>0.0045J</b>	mg/L	0.010	0.0027	2	06/30/22 09:42	07/07/22 13:03	7440-43-9	D3
Chromium	<b>&lt;0.0051</b>	mg/L	0.020	0.0051	2	06/30/22 09:42	07/07/22 13:03	7440-47-3	D3
Copper	<b>0.021</b>	mg/L	0.020	0.0067	2	06/30/22 09:42	07/07/22 13:03	7440-50-8	
Lead	<b>&lt;0.012</b>	mg/L	0.040	0.012	2	06/30/22 09:42	07/07/22 13:03	7439-92-1	D3
Nickel	<b>0.045</b>	mg/L	0.020	0.0052	2	06/30/22 09:42	07/07/22 13:03	7440-02-0	
Selenium	<b>&lt;0.024</b>	mg/L	0.080	0.024	2	06/30/22 09:42	07/07/22 13:03	7782-49-2	D3
Silver	<b>&lt;0.0064</b>	mg/L	0.020	0.0064	2	06/30/22 09:42	07/07/22 13:03	7440-22-4	D3
Zinc	<b>0.23</b>	mg/L	0.080	0.023	2	06/30/22 09:42	07/07/22 13:03	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 07:00	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.18</b>	mg/kg	0.038	0.011	1	06/21/22 09:10	06/22/22 10:55	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<688	ug/kg	1940	688	10	06/23/22 12:21	06/24/22 19:39	83-32-9	
Acenaphthylene	<692	ug/kg	1940	692	10	06/23/22 12:21	06/24/22 19:39	208-96-8	
Anthracene	871J	ug/kg	1940	310	10	06/23/22 12:21	06/24/22 19:39	120-12-7	
Benzo(a)anthracene	2260	ug/kg	1940	300	10	06/23/22 12:21	06/24/22 19:39	56-55-3	
Benzo(a)pyrene	1900J	ug/kg	1940	292	10	06/23/22 12:21	06/24/22 19:39	50-32-8	M1
Benzo(b)fluoranthene	2420	ug/kg	1940	333	10	06/23/22 12:21	06/24/22 19:39	205-99-2	M1
Benzo(g,h,i)perylene	1450J	ug/kg	1940	507	10	06/23/22 12:21	06/24/22 19:39	191-24-2	
Benzo(k)fluoranthene	952J	ug/kg	1940	464	10	06/23/22 12:21	06/24/22 19:39	207-08-9	
4-Bromophenylphenyl ether	<406	ug/kg	1940	406	10	06/23/22 12:21	06/24/22 19:39	101-55-3	
Butylbenzylphthalate	<807	ug/kg	1940	807	10	06/23/22 12:21	06/24/22 19:39	85-68-7	
Carbazole	504J	ug/kg	1940	304	10	06/23/22 12:21	06/24/22 19:39	86-74-8	
4-Chloro-3-methylphenol	<603	ug/kg	1940	603	10	06/23/22 12:21	06/24/22 19:39	59-50-7	
4-Chloroaniline	<319	ug/kg	1940	319	10	06/23/22 12:21	06/24/22 19:39	106-47-8	4q
bis(2-Chloroethoxy)methane	<522	ug/kg	1940	522	10	06/23/22 12:21	06/24/22 19:39	111-91-1	
bis(2-Chloroethyl) ether	<605	ug/kg	1940	605	10	06/23/22 12:21	06/24/22 19:39	111-44-4	
2-Chloronaphthalene	<249	ug/kg	1940	249	10	06/23/22 12:21	06/24/22 19:39	91-58-7	
2-Chlorophenol	<484	ug/kg	1940	484	10	06/23/22 12:21	06/24/22 19:39	95-57-8	
4-Chlorophenylphenyl ether	<361	ug/kg	1940	361	10	06/23/22 12:21	06/24/22 19:39	7005-72-3	
Chrysene	2350	ug/kg	1940	290	10	06/23/22 12:21	06/24/22 19:39	218-01-9	M1
Dibenz(a,h)anthracene	<527	ug/kg	1940	527	10	06/23/22 12:21	06/24/22 19:39	53-70-3	
Dibenzofuran	268J	ug/kg	1940	235	10	06/23/22 12:21	06/24/22 19:39	132-64-9	
1,2-Dichlorobenzene	<610	ug/kg	1940	610	10	06/23/22 12:21	06/24/22 19:39	95-50-1	
1,3-Dichlorobenzene	<268	ug/kg	1940	268	10	06/23/22 12:21	06/24/22 19:39	541-73-1	
1,4-Dichlorobenzene	<270	ug/kg	1940	270	10	06/23/22 12:21	06/24/22 19:39	106-46-7	
3,3'-Dichlorobenzidine	<526	ug/kg	1940	526	10	06/23/22 12:21	06/24/22 19:39	91-94-1	CU
2,4-Dichlorophenol	<518	ug/kg	1940	518	10	06/23/22 12:21	06/24/22 19:39	120-83-2	
Diethylphthalate	<321	ug/kg	1940	321	10	06/23/22 12:21	06/24/22 19:39	84-66-2	
2,4-Dimethylphenol	<383	ug/kg	1940	383	10	06/23/22 12:21	06/24/22 19:39	105-67-9	
Dimethylphthalate	<252	ug/kg	1940	252	10	06/23/22 12:21	06/24/22 19:39	131-11-3	
Di-n-butylphthalate	<290	ug/kg	1940	290	10	06/23/22 12:21	06/24/22 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	<598	ug/kg	1940	598	10	06/23/22 12:21	06/24/22 19:39	534-52-1	M1
2,4-Dinitrophenol	<1520	ug/kg	3830	1520	10	06/23/22 12:21	06/24/22 19:39	51-28-5	M1
2,4-Dinitrotoluene	<277	ug/kg	1940	277	10	06/23/22 12:21	06/24/22 19:39	121-14-2	
2,6-Dinitrotoluene	<368	ug/kg	1940	368	10	06/23/22 12:21	06/24/22 19:39	606-20-2	
Di-n-octylphthalate	<436	ug/kg	1940	436	10	06/23/22 12:21	06/24/22 19:39	117-84-0	M1
bis(2-Ethylhexyl)phthalate	<662	ug/kg	1940	662	10	06/23/22 12:21	06/24/22 19:39	117-81-7	M1
Fluoranthene	5670	ug/kg	1940	274	10	06/23/22 12:21	06/24/22 19:39	206-44-0	M1
Fluorene	455J	ug/kg	1940	227	10	06/23/22 12:21	06/24/22 19:39	86-73-7	
Hexachloro-1,3-butadiene	<494	ug/kg	1940	494	10	06/23/22 12:21	06/24/22 19:39	87-68-3	
Hexachlorobenzene	<326	ug/kg	1940	326	10	06/23/22 12:21	06/24/22 19:39	118-74-1	
Hexachlorocyclopentadiene	<459	ug/kg	1940	459	10	06/23/22 12:21	06/24/22 19:39	77-47-4	M1
Hexachloroethane	<310	ug/kg	1940	310	10	06/23/22 12:21	06/24/22 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	1500J	ug/kg	1940	419	10	06/23/22 12:21	06/24/22 19:39	193-39-5	M1
Isophorone	<298	ug/kg	1940	298	10	06/23/22 12:21	06/24/22 19:39	78-59-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
2-Methylnaphthalene	<b>563J</b>	ug/kg	1940	503	10	06/23/22 12:21	06/24/22 19:39	91-57-6	
2-Methylphenol(o-Cresol)	<b>&lt;352</b>	ug/kg	1940	352	10	06/23/22 12:21	06/24/22 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	<b>&lt;355</b>	ug/kg	1940	355	10	06/23/22 12:21	06/24/22 19:39		
Naphthalene	<b>&lt;678</b>	ug/kg	1940	678	10	06/23/22 12:21	06/24/22 19:39	91-20-3	
2-Nitroaniline	<b>&lt;552</b>	ug/kg	1940	552	10	06/23/22 12:21	06/24/22 19:39	88-74-4	
3-Nitroaniline	<b>&lt;330</b>	ug/kg	1940	330	10	06/23/22 12:21	06/24/22 19:39	99-09-2	
4-Nitroaniline	<b>&lt;805</b>	ug/kg	1940	805	10	06/23/22 12:21	06/24/22 19:39	100-01-6	
Nitrobenzene	<b>&lt;393</b>	ug/kg	1940	393	10	06/23/22 12:21	06/24/22 19:39	98-95-3	
2-Nitrophenol	<b>&lt;612</b>	ug/kg	1940	612	10	06/23/22 12:21	06/24/22 19:39	88-75-5	
4-Nitrophenol	<b>&lt;488</b>	ug/kg	1940	488	10	06/23/22 12:21	06/24/22 19:39	100-02-7	M1
N-Nitroso-di-n-propylamine	<b>&lt;307</b>	ug/kg	1940	307	10	06/23/22 12:21	06/24/22 19:39	621-64-7	
N-Nitrosodiphenylamine	<b>&lt;511</b>	ug/kg	1940	511	10	06/23/22 12:21	06/24/22 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	<b>&lt;500</b>	ug/kg	1940	500	10	06/23/22 12:21	06/24/22 19:39	108-60-1	
Pentachlorophenol	<b>&lt;427</b>	ug/kg	1940	427	10	06/23/22 12:21	06/24/22 19:39	87-86-5	
Phenanthrene	<b>3780</b>	ug/kg	1940	249	10	06/23/22 12:21	06/24/22 19:39	85-01-8	M1
Phenol	<b>&lt;460</b>	ug/kg	1940	460	10	06/23/22 12:21	06/24/22 19:39	108-95-2	D3
Pyrene	<b>4210</b>	ug/kg	1940	430	10	06/23/22 12:21	06/24/22 19:39	129-00-0	M1
1,2,4-Trichlorobenzene	<b>&lt;219</b>	ug/kg	1940	219	10	06/23/22 12:21	06/24/22 19:39	120-82-1	
2,4,5-Trichlorophenol	<b>&lt;342</b>	ug/kg	1940	342	10	06/23/22 12:21	06/24/22 19:39	95-95-4	
2,4,6-Trichlorophenol	<b>&lt;296</b>	ug/kg	1940	296	10	06/23/22 12:21	06/24/22 19:39	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	10-125		10	06/23/22 12:21	06/24/22 19:39	4165-60-0	
2-Fluorobiphenyl (S)	57	%	12-118		10	06/23/22 12:21	06/24/22 19:39	321-60-8	
Terphenyl-d14 (S)	63	%	10-124		10	06/23/22 12:21	06/24/22 19:39	1718-51-0	
Phenol-d6 (S)	44	%	10-125		10	06/23/22 12:21	06/24/22 19:39	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		10	06/23/22 12:21	06/24/22 19:39	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		10	06/23/22 12:21	06/24/22 19:39	118-79-6	

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<b>&lt;15.9</b>	ug/kg	66.1	15.9	1	06/15/22 08:00	06/16/22 06:16	630-20-6	
1,1,1-Trichloroethane	<b>45.4J</b>	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	71-55-6	
1,1,2,2-Tetrachloroethane	<b>&lt;23.9</b>	ug/kg	66.1	23.9	1	06/15/22 08:00	06/16/22 06:16	79-34-5	
1,1,2-Trichloroethane	<b>&lt;24.1</b>	ug/kg	66.1	24.1	1	06/15/22 08:00	06/16/22 06:16	79-00-5	
1,1-Dichloroethane	<b>34.7J</b>	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	75-34-3	
1,1-Dichloroethene	<b>&lt;22.0</b>	ug/kg	66.1	22.0	1	06/15/22 08:00	06/16/22 06:16	75-35-4	
1,1-Dichloropropene	<b>&lt;21.4</b>	ug/kg	66.1	21.4	1	06/15/22 08:00	06/16/22 06:16	563-58-6	
1,2,3-Trichlorobenzene	<b>&lt;73.7</b>	ug/kg	331	73.7	1	06/15/22 08:00	06/16/22 06:16	87-61-6	
1,2,3-Trichloropropane	<b>&lt;32.1</b>	ug/kg	66.1	32.1	1	06/15/22 08:00	06/16/22 06:16	96-18-4	
1,2,4-Trichlorobenzene	<b>&lt;54.5</b>	ug/kg	331	54.5	1	06/15/22 08:00	06/16/22 06:16	120-82-1	
1,2,4-Trimethylbenzene	<b>26.2J</b>	ug/kg	66.1	19.7	1	06/15/22 08:00	06/16/22 06:16	95-63-6	
1,2-Dibromo-3-chloropropane	<b>&lt;51.3</b>	ug/kg	331	51.3	1	06/15/22 08:00	06/16/22 06:16	96-12-8	
1,2-Dibromoethane (EDB)	<b>&lt;18.1</b>	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	106-93-4	
1,2-Dichlorobenzene	<b>&lt;20.5</b>	ug/kg	66.1	20.5	1	06/15/22 08:00	06/16/22 06:16	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<15.2	ug/kg	66.1	15.2	1	06/15/22 08:00	06/16/22 06:16	107-06-2	
1,2-Dichloropropane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	78-87-5	
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.1	21.3	1	06/15/22 08:00	06/16/22 06:16	108-67-8	
1,3-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	541-73-1	
1,3-Dichloropropane	<14.4	ug/kg	66.1	14.4	1	06/15/22 08:00	06/16/22 06:16	142-28-9	
1,4-Dichlorobenzene	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	106-46-7	
2,2-Dichloropropane	<17.9	ug/kg	66.1	17.9	1	06/15/22 08:00	06/16/22 06:16	594-20-7	
2-Chlorotoluene	<21.4	ug/kg	66.1	21.4	1	06/15/22 08:00	06/16/22 06:16	95-49-8	
4-Chlorotoluene	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:00	06/16/22 06:16	106-43-4	
Benzene	<15.7	ug/kg	26.5	15.7	1	06/15/22 08:00	06/16/22 06:16	71-43-2	
Bromobenzene	<25.8	ug/kg	66.1	25.8	1	06/15/22 08:00	06/16/22 06:16	108-86-1	
Bromochloromethane	<18.1	ug/kg	66.1	18.1	1	06/15/22 08:00	06/16/22 06:16	74-97-5	
Bromodichloromethane	<15.7	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	75-27-4	
Bromoform	<291	ug/kg	331	291	1	06/15/22 08:00	06/16/22 06:16	75-25-2	
Bromomethane	<92.7	ug/kg	331	92.7	1	06/15/22 08:00	06/16/22 06:16	74-83-9	
Carbon tetrachloride	<14.6	ug/kg	66.1	14.6	1	06/15/22 08:00	06/16/22 06:16	56-23-5	
Chlorobenzene	<7.9	ug/kg	66.1	7.9	1	06/15/22 08:00	06/16/22 06:16	108-90-7	
Chloroethane	<27.9	ug/kg	331	27.9	1	06/15/22 08:00	06/16/22 06:16	75-00-3	
Chloroform	<47.4	ug/kg	331	47.4	1	06/15/22 08:00	06/16/22 06:16	67-66-3	
Chloromethane	<25.1	ug/kg	66.1	25.1	1	06/15/22 08:00	06/16/22 06:16	74-87-3	
Dibromochloromethane	<226	ug/kg	331	226	1	06/15/22 08:00	06/16/22 06:16	124-48-1	
Dibromomethane	<19.6	ug/kg	66.1	19.6	1	06/15/22 08:00	06/16/22 06:16	74-95-3	
Dichlorodifluoromethane	<28.4	ug/kg	66.1	28.4	1	06/15/22 08:00	06/16/22 06:16	75-71-8	
Diisopropyl ether	<16.4	ug/kg	66.1	16.4	1	06/15/22 08:00	06/16/22 06:16	108-20-3	
Ethylbenzene	51.4J	ug/kg	66.1	15.7	1	06/15/22 08:00	06/16/22 06:16	100-41-4	
Hexachloro-1,3-butadiene	<132	ug/kg	331	132	1	06/15/22 08:00	06/16/22 06:16	87-68-3	
Isopropylbenzene (Cumene)	<17.9	ug/kg	66.1	17.9	1	06/15/22 08:00	06/16/22 06:16	98-82-8	
Methyl-tert-butyl ether	<19.4	ug/kg	66.1	19.4	1	06/15/22 08:00	06/16/22 06:16	1634-04-4	
Methylene Chloride	<18.4	ug/kg	66.1	18.4	1	06/15/22 08:00	06/16/22 06:16	75-09-2	
Naphthalene	58.6J	ug/kg	331	20.6	1	06/15/22 08:00	06/16/22 06:16	91-20-3	
Styrene	<16.9	ug/kg	66.1	16.9	1	06/15/22 08:00	06/16/22 06:16	100-42-5	
Tetrachloroethene	<25.7	ug/kg	66.1	25.7	1	06/15/22 08:00	06/16/22 06:16	127-18-4	
Toluene	121	ug/kg	66.1	16.7	1	06/15/22 08:00	06/16/22 06:16	108-88-3	
Trichloroethene	<24.7	ug/kg	66.1	24.7	1	06/15/22 08:00	06/16/22 06:16	79-01-6	
Trichlorofluoromethane	<19.2	ug/kg	66.1	19.2	1	06/15/22 08:00	06/16/22 06:16	75-69-4	
Vinyl chloride	<13.4	ug/kg	66.1	13.4	1	06/15/22 08:00	06/16/22 06:16	75-01-4	
cis-1,2-Dichloroethene	<14.2	ug/kg	66.1	14.2	1	06/15/22 08:00	06/16/22 06:16	156-59-2	
cis-1,3-Dichloropropene	<43.7	ug/kg	331	43.7	1	06/15/22 08:00	06/16/22 06:16	10061-01-5	
m&p-Xylene	69.2J	ug/kg	132	27.9	1	06/15/22 08:00	06/16/22 06:16	179601-23-1	
n-Butylbenzene	<30.3	ug/kg	66.1	30.3	1	06/15/22 08:00	06/16/22 06:16	104-51-8	
n-Propylbenzene	<15.9	ug/kg	66.1	15.9	1	06/15/22 08:00	06/16/22 06:16	103-65-1	
o-Xylene	31.7J	ug/kg	66.1	19.8	1	06/15/22 08:00	06/16/22 06:16	95-47-6	
p-Isopropyltoluene	<20.1	ug/kg	66.1	20.1	1	06/15/22 08:00	06/16/22 06:16	99-87-6	
sec-Butylbenzene	<16.1	ug/kg	66.1	16.1	1	06/15/22 08:00	06/16/22 06:16	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<0.8	ug/kg	66.1	20.8	1	06/15/22 08:00	06/16/22 06:16	98-06-6	
trans-1,2-Dichloroethene	<14.3	ug/kg	66.1	14.3	1	06/15/22 08:00	06/16/22 06:16	156-60-5	
trans-1,3-Dichloropropene	<189	ug/kg	331	189	1	06/15/22 08:00	06/16/22 06:16	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	144	%	69-153		1	06/15/22 08:00	06/16/22 06:16	2037-26-5	
4-Bromofluorobenzene (S)	122	%	68-156		1	06/15/22 08:00	06/16/22 06:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	06/15/22 08:00	06/16/22 06:16	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified    Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.059	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 19:55	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.070	ug/kg	1.17	0.070	1	06/16/22 11:28	06/20/22 19:55	27619-97-2	
8:2 FTS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	39108-34-4	
9Cl-PF3ONS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	756426-58-1	
11Cl-PF3OUdS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	763051-92-9	
ADONA	<0.012	ug/kg	1.17	0.012	1	06/16/22 11:28	06/20/22 19:55	919005-14-4	
Perfluorooctanesulfonamide	0.034J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	754-91-6	
HFPO-DA	<0.164	ug/kg	2.34	0.164	1	06/16/22 11:28	06/20/22 19:55	13252-13-6	
NEtFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	4151-50-2	
NEtFOSAA	2.44	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	2991-50-6	
NEtFOSE	0.063J	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	1691-99-2	
NMeFOSA	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	31506-32-8	
NMeFOSAA	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2355-31-9	
NMeFOSE	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	24448-09-7	
Perfluorobutanoic acid	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	375-22-4	
Perfluorobutanesulfonic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-73-5	
Perfluorodecanoic acid (S)	<0.047	ug/kg	1.17	0.047	1	06/16/22 11:28	06/20/22 19:55	335-76-2	
Perfluorododecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	307-55-1	
PFDoS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	79780-39-5	
PFDS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	335-77-3	
Perfluoroheptanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-85-9	
PFHpS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-92-8	
Perfluorohexanoic acid (S)	0.036J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	307-24-4	
Perfluorohexanesulfonic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	355-46-4	
Perfluorononanoic acid	0.028J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	375-95-1	
PFNS	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	68259-12-1	
Perfluorooctanoic acid	0.135J	ug/kg	1.17	0.094	1	06/16/22 11:28	06/20/22 19:55	335-67-1	
Perfluorooctanesulfonic acid	1.17	ug/kg	1.17	0.059	1	06/16/22 11:28	06/20/22 19:55	1763-23-1	
Perfluoropentanoic acid	0.041J	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2706-90-3	
PFPeS	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2706-91-4	
Perfluorotetradecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	376-06-7	
Perfluorotridecanoic acid	<0.035	ug/kg	1.17	0.035	1	06/16/22 11:28	06/20/22 19:55	72629-94-8	
Perfluoroundecanoic acid	<0.023	ug/kg	1.17	0.023	1	06/16/22 11:28	06/20/22 19:55	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-11**      **Lab ID: 40246376011**      Collected: 06/10/22 13:25      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	23	%	50-150		1	06/16/22 11:28	06/20/22 19:55	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	23	%	50-150		1	06/16/22 11:28	06/20/22 19:55	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	80	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2355-31-9-EI	
d5-NEtFOSAA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2991-50-6-EI	
d7-NMeFOSE	51	%	50-150		1	06/16/22 11:28	06/20/22 19:55	24448-09-7-	
d9-NEtFOSE	52	%	50-150		1	06/16/22 11:28	06/20/22 19:55	1691-99-2-EI	
M2 4:2 FTS	108	%	50-150		1	06/16/22 11:28	06/20/22 19:55	757124-72-4	
M2 6:2 FTS	107	%	50-150		1	06/16/22 11:28	06/20/22 19:55	27619-97-2-	
M2 8:2 FTS	110	%	50-150		1	06/16/22 11:28	06/20/22 19:55	39108-34-4-	
M2PFHxDA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:55	67905-19-5-	
M2PFTeDA	104	%	50-150		1	06/16/22 11:28	06/20/22 19:55	376-06-7-EI	
M3HFPODA	85	%	50-150		1	06/16/22 11:28	06/20/22 19:55	13252-13-6-	
M3PFBS	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-73-5-EI	
M3PFHxS	87	%	50-150		1	06/16/22 11:28	06/20/22 19:55	355-46-4-EI	
M4PFHpA	81	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-85-9-EI	
M5PFHxA	84	%	50-150		1	06/16/22 11:28	06/20/22 19:55	307-24-4-EI	
M5PFPeA	82	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2706-90-3-EI	
M6PFDA	98	%	50-150		1	06/16/22 11:28	06/20/22 19:55	335-76-2-EI	
M7PFUdA	97	%	50-150		1	06/16/22 11:28	06/20/22 19:55	2058-94-8-EI	
M8FOSA	61	%	50-150		1	06/16/22 11:28	06/20/22 19:55	754-91-6-EI	
M8PFOA	89	%	50-150		1	06/16/22 11:28	06/20/22 19:55	335-67-1-EI	
M8PFOS	90	%	50-150		1	06/16/22 11:28	06/20/22 19:55	1763-23-1-EI	
M9PFNA	91	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-95-1-EI	
MPFBA	76	%	50-150		1	06/16/22 11:28	06/20/22 19:55	375-22-4-EI	
MPFDoA	94	%	50-150		1	06/16/22 11:28	06/20/22 19:55	307-55-1-EI	

**Percent Moisture**      Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **13.9**      %      0.10      0.10      1      06/20/22 15:21

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>		Analytical Method: EPA 8082A    Preparation Method: EPA 3541 Pace Analytical Services - Green Bay							
PCB-1016 (Aroclor 1016)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	12674-11-2	
PCB-1221 (Aroclor 1221)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11104-28-2	
PCB-1232 (Aroclor 1232)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11141-16-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8082A GCS PCB</b>									
Analytical Method: EPA 8082A    Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1242 (Aroclor 1242)	<b>451</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	53469-21-9	
PCB-1248 (Aroclor 1248)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11097-69-1	
PCB-1260 (Aroclor 1260)	<b>&lt;20.8</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	11096-82-5	
PCB, Total	<b>451</b>	ug/kg	68.4	20.8	1	06/15/22 14:55	06/17/22 12:39	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	75	%	50-99		1	06/15/22 14:55	06/17/22 12:39	877-09-8	
Decachlorobiphenyl (S)	66	%	38-95		1	06/15/22 14:55	06/17/22 12:39	2051-24-3	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>2.2J</b>	mg/kg	3.3	1.9	1	06/14/22 06:44	06/14/22 15:11	7440-38-2	
Barium	<b>61.5</b>	mg/kg	0.66	0.20	1	06/14/22 06:44	06/14/22 15:11	7440-39-3	
Cadmium	<b>0.34J</b>	mg/kg	0.66	0.17	1	06/14/22 06:44	06/14/22 15:11	7440-43-9	
Chromium	<b>19.9</b>	mg/kg	1.3	0.37	1	06/14/22 06:44	06/14/22 15:11	7440-47-3	
Lead	<b>29.9</b>	mg/kg	2.6	0.79	1	06/14/22 06:44	06/14/22 15:11	7439-92-1	
Selenium	<b>&lt;1.7</b>	mg/kg	5.3	1.7	1	06/14/22 06:44	06/14/22 15:11	7782-49-2	
Silver	<b>&lt;0.40</b>	mg/kg	1.3	0.40	1	06/14/22 06:44	06/14/22 15:11	7440-22-4	
<b>6010D MET ICP, TCLP</b>									
Analytical Method: EPA 6010D    Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Arsenic	<b>0.016J</b>	mg/L	0.025	0.0083	1	06/30/22 09:42	06/30/22 14:15	7440-38-2	3q
Barium	<b>1.7</b>	mg/L	0.0050	0.0015	1	06/30/22 09:42	06/30/22 14:15	7440-39-3	
Cadmium	<b>0.0014J</b>	mg/L	0.0050	0.0013	1	06/30/22 09:42	06/30/22 14:15	7440-43-9	
Chromium	<b>&lt;0.0025</b>	mg/L	0.010	0.0025	1	06/30/22 09:42	06/30/22 14:15	7440-47-3	
Copper	<b>&lt;0.0034</b>	mg/L	0.010	0.0034	1	06/30/22 09:42	06/30/22 14:15	7440-50-8	
Lead	<b>0.11</b>	mg/L	0.020	0.0059	1	06/30/22 09:42	06/30/22 14:15	7439-92-1	
Nickel	<b>0.0049J</b>	mg/L	0.010	0.0026	1	06/30/22 09:42	06/30/22 14:15	7440-02-0	
Selenium	<b>&lt;0.012</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:15	7782-49-2	
Silver	<b>&lt;0.0032</b>	mg/L	0.010	0.0032	1	06/30/22 09:42	06/30/22 14:15	7440-22-4	
Zinc	<b>0.16</b>	mg/L	0.040	0.012	1	06/30/22 09:42	06/30/22 14:15	7440-66-6	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 06/29/22 14:23									
Pace Analytical Services - Green Bay									
Mercury	<b>&lt;0.066</b>	ug/L	0.20	0.066	1	07/07/22 09:40	07/08/22 07:03	7439-97-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.19</b>	mg/kg	0.046	0.013	1	06/21/22 09:10	06/22/22 10:58	7439-97-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8270E MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<81.2	ug/kg	229	81.2	1	06/23/22 12:21	06/24/22 14:41	83-32-9	
Acenaphthylene	<81.7	ug/kg	229	81.7	1	06/23/22 12:21	06/24/22 14:41	208-96-8	
Anthracene	<36.6	ug/kg	229	36.6	1	06/23/22 12:21	06/24/22 14:41	120-12-7	
Benzo(a)anthracene	<35.5	ug/kg	229	35.5	1	06/23/22 12:21	06/24/22 14:41	56-55-3	
Benzo(a)pyrene	<34.5	ug/kg	229	34.5	1	06/23/22 12:21	06/24/22 14:41	50-32-8	
Benzo(b)fluoranthene	<39.4	ug/kg	229	39.4	1	06/23/22 12:21	06/24/22 14:41	205-99-2	
Benzo(g,h,i)perylene	<59.9	ug/kg	229	59.9	1	06/23/22 12:21	06/24/22 14:41	191-24-2	
Benzo(k)fluoranthene	<54.8	ug/kg	229	54.8	1	06/23/22 12:21	06/24/22 14:41	207-08-9	
4-Bromophenylphenyl ether	<48.0	ug/kg	229	48.0	1	06/23/22 12:21	06/24/22 14:41	101-55-3	
Butylbenzylphthalate	<95.3	ug/kg	229	95.3	1	06/23/22 12:21	06/24/22 14:41	85-68-7	
Carbazole	<35.9	ug/kg	229	35.9	1	06/23/22 12:21	06/24/22 14:41	86-74-8	
4-Chloro-3-methylphenol	<71.3	ug/kg	229	71.3	1	06/23/22 12:21	06/24/22 14:41	59-50-7	
4-Chloroaniline	<37.6	ug/kg	229	37.6	1	06/23/22 12:21	06/24/22 14:41	106-47-8	4q
bis(2-Chloroethoxy)methane	<61.7	ug/kg	229	61.7	1	06/23/22 12:21	06/24/22 14:41	111-91-1	
bis(2-Chloroethyl) ether	<71.5	ug/kg	229	71.5	1	06/23/22 12:21	06/24/22 14:41	111-44-4	
2-Chloronaphthalene	<29.4	ug/kg	229	29.4	1	06/23/22 12:21	06/24/22 14:41	91-58-7	
2-Chlorophenol	<57.2	ug/kg	229	57.2	1	06/23/22 12:21	06/24/22 14:41	95-57-8	
4-Chlorophenylphenyl ether	<42.7	ug/kg	229	42.7	1	06/23/22 12:21	06/24/22 14:41	7005-72-3	
Chrysene	<34.2	ug/kg	229	34.2	1	06/23/22 12:21	06/24/22 14:41	218-01-9	
Dibenz(a,h)anthracene	<62.2	ug/kg	229	62.2	1	06/23/22 12:21	06/24/22 14:41	53-70-3	
Dibenzofuran	<27.7	ug/kg	229	27.7	1	06/23/22 12:21	06/24/22 14:41	132-64-9	
1,2-Dichlorobenzene	<72.0	ug/kg	229	72.0	1	06/23/22 12:21	06/24/22 14:41	95-50-1	
1,3-Dichlorobenzene	<31.7	ug/kg	229	31.7	1	06/23/22 12:21	06/24/22 14:41	541-73-1	
1,4-Dichlorobenzene	<31.9	ug/kg	229	31.9	1	06/23/22 12:21	06/24/22 14:41	106-46-7	
3,3'-Dichlorobenzidine	<62.1	ug/kg	229	62.1	1	06/23/22 12:21	06/24/22 14:41	91-94-1	CU
2,4-Dichlorophenol	<61.2	ug/kg	229	61.2	1	06/23/22 12:21	06/24/22 14:41	120-83-2	
Diethylphthalate	<38.0	ug/kg	229	38.0	1	06/23/22 12:21	06/24/22 14:41	84-66-2	
2,4-Dimethylphenol	<45.3	ug/kg	229	45.3	1	06/23/22 12:21	06/24/22 14:41	105-67-9	
Dimethylphthalate	<29.8	ug/kg	229	29.8	1	06/23/22 12:21	06/24/22 14:41	131-11-3	
Di-n-butylphthalate	<34.2	ug/kg	229	34.2	1	06/23/22 12:21	06/24/22 14:41	84-74-2	
4,6-Dinitro-2-methylphenol	<70.6	ug/kg	229	70.6	1	06/23/22 12:21	06/24/22 14:41	534-52-1	
2,4-Dinitrophenol	<180	ug/kg	453	180	1	06/23/22 12:21	06/24/22 14:41	51-28-5	
2,4-Dinitrotoluene	<32.8	ug/kg	229	32.8	1	06/23/22 12:21	06/24/22 14:41	121-14-2	
2,6-Dinitrotoluene	<43.5	ug/kg	229	43.5	1	06/23/22 12:21	06/24/22 14:41	606-20-2	
Di-n-octylphthalate	<51.5	ug/kg	229	51.5	1	06/23/22 12:21	06/24/22 14:41	117-84-0	
bis(2-Ethylhexyl)phthalate	<78.2	ug/kg	229	78.2	1	06/23/22 12:21	06/24/22 14:41	117-81-7	
Fluoranthene	<32.4	ug/kg	229	32.4	1	06/23/22 12:21	06/24/22 14:41	206-44-0	
Fluorene	<26.8	ug/kg	229	26.8	1	06/23/22 12:21	06/24/22 14:41	86-73-7	
Hexachloro-1,3-butadiene	<58.3	ug/kg	229	58.3	1	06/23/22 12:21	06/24/22 14:41	87-68-3	
Hexachlorobenzene	<38.5	ug/kg	229	38.5	1	06/23/22 12:21	06/24/22 14:41	118-74-1	
Hexachlorocyclopentadiene	<54.2	ug/kg	229	54.2	1	06/23/22 12:21	06/24/22 14:41	77-47-4	
Hexachloroethane	<36.7	ug/kg	229	36.7	1	06/23/22 12:21	06/24/22 14:41	67-72-1	
Indeno(1,2,3-cd)pyrene	<49.6	ug/kg	229	49.6	1	06/23/22 12:21	06/24/22 14:41	193-39-5	
Isophorone	<35.2	ug/kg	229	35.2	1	06/23/22 12:21	06/24/22 14:41	78-59-1	

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
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**8270E MSSV FULL LIST MICROWAVE**      Analytical Method: EPA 8270E      Preparation Method: EPA 3546  
Pace Analytical Services - Green Bay

2-Methylnaphthalene	<59.5	ug/kg	229	59.5	1	06/23/22 12:21	06/24/22 14:41	91-57-6	
2-Methylphenol(o-Cresol)	<41.6	ug/kg	229	41.6	1	06/23/22 12:21	06/24/22 14:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	<42.0	ug/kg	229	42.0	1	06/23/22 12:21	06/24/22 14:41		
Naphthalene	<80.1	ug/kg	229	80.1	1	06/23/22 12:21	06/24/22 14:41	91-20-3	
2-Nitroaniline	<65.3	ug/kg	229	65.3	1	06/23/22 12:21	06/24/22 14:41	88-74-4	
3-Nitroaniline	<39.0	ug/kg	229	39.0	1	06/23/22 12:21	06/24/22 14:41	99-09-2	
4-Nitroaniline	<95.1	ug/kg	229	95.1	1	06/23/22 12:21	06/24/22 14:41	100-01-6	
Nitrobenzene	<46.4	ug/kg	229	46.4	1	06/23/22 12:21	06/24/22 14:41	98-95-3	
2-Nitrophenol	<72.3	ug/kg	229	72.3	1	06/23/22 12:21	06/24/22 14:41	88-75-5	
4-Nitrophenol	<57.7	ug/kg	229	57.7	1	06/23/22 12:21	06/24/22 14:41	100-02-7	
N-Nitroso-di-n-propylamine	<36.3	ug/kg	229	36.3	1	06/23/22 12:21	06/24/22 14:41	621-64-7	
N-Nitrosodiphenylamine	<60.3	ug/kg	229	60.3	1	06/23/22 12:21	06/24/22 14:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	<59.1	ug/kg	229	59.1	1	06/23/22 12:21	06/24/22 14:41	108-60-1	
Pentachlorophenol	<50.4	ug/kg	229	50.4	1	06/23/22 12:21	06/24/22 14:41	87-86-5	
Phenanthrene	<29.4	ug/kg	229	29.4	1	06/23/22 12:21	06/24/22 14:41	85-01-8	
Phenol	<54.4	ug/kg	229	54.4	1	06/23/22 12:21	06/24/22 14:41	108-95-2	
Pyrene	<50.8	ug/kg	229	50.8	1	06/23/22 12:21	06/24/22 14:41	129-00-0	
1,2,4-Trichlorobenzene	<25.9	ug/kg	229	25.9	1	06/23/22 12:21	06/24/22 14:41	120-82-1	
2,4,5-Trichlorophenol	<40.5	ug/kg	229	40.5	1	06/23/22 12:21	06/24/22 14:41	95-95-4	
2,4,6-Trichlorophenol	<34.9	ug/kg	229	34.9	1	06/23/22 12:21	06/24/22 14:41	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	77	%	10-125		1	06/23/22 12:21	06/24/22 14:41	4165-60-0	
2-Fluorobiphenyl (S)	78	%	12-118		1	06/23/22 12:21	06/24/22 14:41	321-60-8	
Terphenyl-d14 (S)	84	%	10-124		1	06/23/22 12:21	06/24/22 14:41	1718-51-0	
Phenol-d6 (S)	74	%	10-125		1	06/23/22 12:21	06/24/22 14:41	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	06/23/22 12:21	06/24/22 14:41	367-12-4	
2,4,6-Tribromophenol (S)	103	%	10-144		1	06/23/22 12:21	06/24/22 14:41	118-79-6	

**8260 MSV Med Level Normal List**      Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B  
Pace Analytical Services - Green Bay

1,1,1,2-Tetrachloroethane	<20.9	ug/kg	87.0	20.9	1	06/15/22 08:00	06/16/22 15:31	630-20-6	
1,1,1-Trichloroethane	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	71-55-6	
1,1,2,2-Tetrachloroethane	<31.5	ug/kg	87.0	31.5	1	06/15/22 08:00	06/16/22 15:31	79-34-5	
1,1,2-Trichloroethane	<31.7	ug/kg	87.0	31.7	1	06/15/22 08:00	06/16/22 15:31	79-00-5	
1,1-Dichloroethane	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	75-34-3	
1,1-Dichloroethene	<28.9	ug/kg	87.0	28.9	1	06/15/22 08:00	06/16/22 15:31	75-35-4	
1,1-Dichloropropene	<28.2	ug/kg	87.0	28.2	1	06/15/22 08:00	06/16/22 15:31	563-58-6	
1,2,3-Trichlorobenzene	<96.9	ug/kg	435	96.9	1	06/15/22 08:00	06/16/22 15:31	87-61-6	
1,2,3-Trichloropropane	<42.3	ug/kg	87.0	42.3	1	06/15/22 08:00	06/16/22 15:31	96-18-4	
1,2,4-Trichlorobenzene	<71.7	ug/kg	435	71.7	1	06/15/22 08:00	06/16/22 15:31	120-82-1	
1,2,4-Trimethylbenzene	<25.9	ug/kg	87.0	25.9	1	06/15/22 08:00	06/16/22 15:31	95-63-6	
1,2-Dibromo-3-chloropropane	<67.5	ug/kg	435	67.5	1	06/15/22 08:00	06/16/22 15:31	96-12-8	
1,2-Dibromoethane (EDB)	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	106-93-4	
1,2-Dichlorobenzene	<27.0	ug/kg	87.0	27.0	1	06/15/22 08:00	06/16/22 15:31	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<20.0	ug/kg	87.0	20.0	1	06/15/22 08:00	06/16/22 15:31	107-06-2	
1,2-Dichloropropane	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	78-87-5	
1,3,5-Trimethylbenzene	<28.0	ug/kg	87.0	28.0	1	06/15/22 08:00	06/16/22 15:31	108-67-8	
1,3-Dichlorobenzene	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	541-73-1	
1,3-Dichloropropane	<19.0	ug/kg	87.0	19.0	1	06/15/22 08:00	06/16/22 15:31	142-28-9	
1,4-Dichlorobenzene	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	106-46-7	
2,2-Dichloropropane	<23.5	ug/kg	87.0	23.5	1	06/15/22 08:00	06/16/22 15:31	594-20-7	
2-Chlorotoluene	<28.2	ug/kg	87.0	28.2	1	06/15/22 08:00	06/16/22 15:31	95-49-8	
4-Chlorotoluene	<33.1	ug/kg	87.0	33.1	1	06/15/22 08:00	06/16/22 15:31	106-43-4	
Benzene	<20.7	ug/kg	34.8	20.7	1	06/15/22 08:00	06/16/22 15:31	71-43-2	
Bromobenzene	<33.9	ug/kg	87.0	33.9	1	06/15/22 08:00	06/16/22 15:31	108-86-1	
Bromochloromethane	<23.8	ug/kg	87.0	23.8	1	06/15/22 08:00	06/16/22 15:31	74-97-5	
Bromodichloromethane	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	75-27-4	
Bromoform	<383	ug/kg	435	383	1	06/15/22 08:00	06/16/22 15:31	75-25-2	
Bromomethane	<122	ug/kg	435	122	1	06/15/22 08:00	06/16/22 15:31	74-83-9	
Carbon tetrachloride	<19.1	ug/kg	87.0	19.1	1	06/15/22 08:00	06/16/22 15:31	56-23-5	
Chlorobenzene	<10.4	ug/kg	87.0	10.4	1	06/15/22 08:00	06/16/22 15:31	108-90-7	
Chloroethane	<36.7	ug/kg	435	36.7	1	06/15/22 08:00	06/16/22 15:31	75-00-3	
Chloroform	<62.3	ug/kg	435	62.3	1	06/15/22 08:00	06/16/22 15:31	67-66-3	
Chloromethane	<33.1	ug/kg	87.0	33.1	1	06/15/22 08:00	06/16/22 15:31	74-87-3	
Dibromochloromethane	<297	ug/kg	435	297	1	06/15/22 08:00	06/16/22 15:31	124-48-1	
Dibromomethane	<25.7	ug/kg	87.0	25.7	1	06/15/22 08:00	06/16/22 15:31	74-95-3	
Dichlorodifluoromethane	<37.4	ug/kg	87.0	37.4	1	06/15/22 08:00	06/16/22 15:31	75-71-8	
Diisopropyl ether	<21.6	ug/kg	87.0	21.6	1	06/15/22 08:00	06/16/22 15:31	108-20-3	
Ethylbenzene	<20.7	ug/kg	87.0	20.7	1	06/15/22 08:00	06/16/22 15:31	100-41-4	
Hexachloro-1,3-butadiene	<173	ug/kg	435	173	1	06/15/22 08:00	06/16/22 15:31	87-68-3	
Isopropylbenzene (Cumene)	<23.5	ug/kg	87.0	23.5	1	06/15/22 08:00	06/16/22 15:31	98-82-8	
Methyl-tert-butyl ether	<25.6	ug/kg	87.0	25.6	1	06/15/22 08:00	06/16/22 15:31	1634-04-4	
Methylene Chloride	<24.2	ug/kg	87.0	24.2	1	06/15/22 08:00	06/16/22 15:31	75-09-2	
Naphthalene	<27.1	ug/kg	435	27.1	1	06/15/22 08:00	06/16/22 15:31	91-20-3	
Styrene	<22.3	ug/kg	87.0	22.3	1	06/15/22 08:00	06/16/22 15:31	100-42-5	
Tetrachloroethene	<33.8	ug/kg	87.0	33.8	1	06/15/22 08:00	06/16/22 15:31	127-18-4	
Toluene	<21.9	ug/kg	87.0	21.9	1	06/15/22 08:00	06/16/22 15:31	108-88-3	
Trichloroethene	<32.5	ug/kg	87.0	32.5	1	06/15/22 08:00	06/16/22 15:31	79-01-6	
Trichlorofluoromethane	<25.2	ug/kg	87.0	25.2	1	06/15/22 08:00	06/16/22 15:31	75-69-4	
Vinyl chloride	<17.6	ug/kg	87.0	17.6	1	06/15/22 08:00	06/16/22 15:31	75-01-4	
cis-1,2-Dichloroethene	<18.6	ug/kg	87.0	18.6	1	06/15/22 08:00	06/16/22 15:31	156-59-2	
cis-1,3-Dichloropropene	<57.4	ug/kg	435	57.4	1	06/15/22 08:00	06/16/22 15:31	10061-01-5	
m&p-Xylene	<36.7	ug/kg	174	36.7	1	06/15/22 08:00	06/16/22 15:31	179601-23-1	
n-Butylbenzene	<39.8	ug/kg	87.0	39.8	1	06/15/22 08:00	06/16/22 15:31	104-51-8	
n-Propylbenzene	<20.9	ug/kg	87.0	20.9	1	06/15/22 08:00	06/16/22 15:31	103-65-1	
o-Xylene	<26.1	ug/kg	87.0	26.1	1	06/15/22 08:00	06/16/22 15:31	95-47-6	
p-Isopropyltoluene	<26.4	ug/kg	87.0	26.4	1	06/15/22 08:00	06/16/22 15:31	99-87-6	
sec-Butylbenzene	<21.2	ug/kg	87.0	21.2	1	06/15/22 08:00	06/16/22 15:31	135-98-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
tert-Butylbenzene	<27.3	ug/kg	87.0	27.3	1	06/15/22 08:00	06/16/22 15:31	98-06-6	
trans-1,2-Dichloroethene	<18.8	ug/kg	87.0	18.8	1	06/15/22 08:00	06/16/22 15:31	156-60-5	
trans-1,3-Dichloropropene	<249	ug/kg	435	249	1	06/15/22 08:00	06/16/22 15:31	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	161	%	69-153		1	06/15/22 08:00	06/16/22 15:31	2037-26-5	S3
4-Bromofluorobenzene (S)	149	%	68-156		1	06/15/22 08:00	06/16/22 15:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	06/15/22 08:00	06/16/22 15:31	2199-69-1	
<b>EPA 537 Mod Full Solid</b>									
Analytical Method: EPA 537 Modified Preparation Method: METHOD									
Pace Analytical Gulf Coast									
4:2 FTS	<0.062	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 20:09	757124-72-4	
6:2 Fluorotelomer sulfonate	<0.074	ug/kg	1.23	0.074	1	06/16/22 11:28	06/20/22 20:09	27619-97-2	
8:2 FTS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	39108-34-4	
9Cl-PF3ONS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	756426-58-1	
11Cl-PF3OUdS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	763051-92-9	
ADONA	<0.012	ug/kg	1.23	0.012	1	06/16/22 11:28	06/20/22 20:09	919005-14-4	
Perfluorooctanesulfonamide	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	754-91-6	
HFPO-DA	<0.172	ug/kg	2.46	0.172	1	06/16/22 11:28	06/20/22 20:09	13252-13-6	
NEtFOSA	0.061J	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	4151-50-2	
NEtFOSAA	1.63	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	2991-50-6	
NEtFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	1691-99-2	
NMeFOSA	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	31506-32-8	
NMeFOSAA	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2355-31-9	
NMeFOSE	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	24448-09-7	
Perfluorobutanoic acid	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	375-22-4	
Perfluorobutanesulfonic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-73-5	
Perfluorodecanoic acid (S)	<0.049	ug/kg	1.23	0.049	1	06/16/22 11:28	06/20/22 20:09	335-76-2	
Perfluorododecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	307-55-1	
PFDoS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	79780-39-5	
PFDS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	335-77-3	
Perfluoroheptanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-85-9	
PFHpS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-92-8	
Perfluorohexanoic acid (S)	0.026J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	307-24-4	
Perfluorohexanesulfonic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	355-46-4	
Perfluorononanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	375-95-1	
PFNS	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	68259-12-1	
Perfluorooctanoic acid	<0.098	ug/kg	1.23	0.098	1	06/16/22 11:28	06/20/22 20:09	335-67-1	
Perfluorooctanesulfonic acid	0.108J	ug/kg	1.23	0.062	1	06/16/22 11:28	06/20/22 20:09	1763-23-1	
Perfluoropentanoic acid	0.042J	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2706-90-3	
PFPeS	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2706-91-4	
Perfluorotetradecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	376-06-7	
Perfluorotridecanoic acid	<0.037	ug/kg	1.23	0.037	1	06/16/22 11:28	06/20/22 20:09	72629-94-8	
Perfluoroundecanoic acid	<0.025	ug/kg	1.23	0.025	1	06/16/22 11:28	06/20/22 20:09	2058-94-8	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

**Sample: SP-12**      **Lab ID: 40246376012**      Collected: 06/10/22 13:55      Received: 06/10/22 15:40      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
<b>EPA 537 Mod Full Solid</b>		Analytical Method: EPA 537 Modified    Preparation Method: METHOD Pace Analytical Gulf Coast							
<b>Surrogates</b>									
d-NEtFOSA	30	%	50-150		1	06/16/22 11:28	06/20/22 20:09	4151-50-2-EI	MSSV1 2.3
d-NMeFOSA	31	%	50-150		1	06/16/22 11:28	06/20/22 20:09	31506-32-8-	MSSV1 2.3
d3-NMeFOSAA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2355-31-9-EI	
d5-NEtFOSAA	82	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2991-50-6-EI	
d7-NMeFOSE	58	%	50-150		1	06/16/22 11:28	06/20/22 20:09	24448-09-7-	
d9-NEtFOSE	59	%	50-150		1	06/16/22 11:28	06/20/22 20:09	1691-99-2-EI	
M2 4:2 FTS	100	%	50-150		1	06/16/22 11:28	06/20/22 20:09	757124-72-4	
M2 6:2 FTS	95	%	50-150		1	06/16/22 11:28	06/20/22 20:09	27619-97-2-	
M2 8:2 FTS	104	%	50-150		1	06/16/22 11:28	06/20/22 20:09	39108-34-4-	
M2PFHxDA	85	%	50-150		1	06/16/22 11:28	06/20/22 20:09	67905-19-5-	
M2PFTeDA	97	%	50-150		1	06/16/22 11:28	06/20/22 20:09	376-06-7-EI	
M3HFPODA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	13252-13-6-	
M3PFBS	77	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-73-5-EI	
M3PFHxS	79	%	50-150		1	06/16/22 11:28	06/20/22 20:09	355-46-4-EI	
M4PFHpA	70	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-85-9-EI	
M5PFHxA	75	%	50-150		1	06/16/22 11:28	06/20/22 20:09	307-24-4-EI	
M5PFPeA	73	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2706-90-3-EI	
M6PFDA	89	%	50-150		1	06/16/22 11:28	06/20/22 20:09	335-76-2-EI	
M7PFUdA	92	%	50-150		1	06/16/22 11:28	06/20/22 20:09	2058-94-8-EI	
M8FOSA	67	%	50-150		1	06/16/22 11:28	06/20/22 20:09	754-91-6-EI	
M8PFOA	77	%	50-150		1	06/16/22 11:28	06/20/22 20:09	335-67-1-EI	
M8PFOS	90	%	50-150		1	06/16/22 11:28	06/20/22 20:09	1763-23-1-EI	
M9PFNA	84	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-95-1-EI	
MPFBA	69	%	50-150		1	06/16/22 11:28	06/20/22 20:09	375-22-4-EI	
MPFDoA	89	%	50-150		1	06/16/22 11:28	06/20/22 20:09	307-55-1-EI	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay							
Percent Moisture	<b>27.0</b>	%	0.10	0.10	1		06/20/22 15:22		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 420250 Analysis Method: EPA 7470  
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2420333 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 06:21	

METHOD BLANK: 2417217 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 06:39	

METHOD BLANK: 2417218 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/08/22 07:05	

LABORATORY CONTROL SAMPLE: 2420334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2420335 2420336

Parameter	Units	40247337001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	5.0	5.2	99	104	85-115	4	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.

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418735 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004

METHOD BLANK: 2411712 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/22/22 09:23	

LABORATORY CONTROL SAMPLE: 2411713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.82	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2411714 2411715

Parameter	Units	2411714		2411715		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246686006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	mg/kg	0.023J	0.97	0.96	0.96	97	97	85-115	0	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

QC Batch:	418736	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2411716 Matrix: Solid

Associated Lab Samples: 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/22/22 10:28	

LABORATORY CONTROL SAMPLE: 2411717

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2411718 2411719

Parameter	Units	40246376005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.11	0.98	0.98	1.1	1.1	102	102	85-115	0	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418121 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006

METHOD BLANK: 2408278 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	06/14/22 17:30	
Barium	mg/kg	<0.15	0.50	06/14/22 17:30	
Cadmium	mg/kg	<0.13	0.50	06/14/22 17:30	
Chromium	mg/kg	<0.28	1.0	06/14/22 17:30	
Lead	mg/kg	<0.60	2.0	06/14/22 17:30	
Selenium	mg/kg	<1.3	4.0	06/14/22 17:30	
Silver	mg/kg	<0.31	1.0	06/14/22 17:30	

LABORATORY CONTROL SAMPLE: 2408279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	26.1	104	80-120	
Barium	mg/kg	25	26.8	107	80-120	
Cadmium	mg/kg	25	27.2	109	80-120	
Chromium	mg/kg	25	26.9	108	80-120	
Lead	mg/kg	25	27.2	109	80-120	
Selenium	mg/kg	25	27.2	109	80-120	
Silver	mg/kg	12.5	13.4	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408280 2408281

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40246376001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Arsenic	mg/kg	4.0	28.9	28.9	33.9	33.3	103	101	75-125	2	20	
Barium	mg/kg	71.6	28.9	28.9	87.7	131	56	205	75-125	39	20	M0, R1
Cadmium	mg/kg	<0.15	28.9	28.9	31.8	30.4	110	105	75-125	5	20	
Chromium	mg/kg	16.1	28.9	28.9	45.2	50.5	101	119	75-125	11	20	
Lead	mg/kg	16.4	28.9	28.9	41.2	45.9	86	102	75-125	11	20	
Selenium	mg/kg	<1.5	28.9	28.9	29.4	28.9	102	100	75-125	1	20	
Silver	mg/kg	<0.35	14.4	14.4	16.1	15.3	111	105	75-125	5	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418125 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2408300 Matrix: Solid  
Associated Lab Samples: 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	06/14/22 14:20	
Barium	mg/kg	<0.15	0.50	06/14/22 14:20	
Cadmium	mg/kg	<0.13	0.50	06/14/22 14:20	
Chromium	mg/kg	<0.28	1.0	06/14/22 14:20	
Lead	mg/kg	<0.60	2.0	06/14/22 14:20	
Selenium	mg/kg	<1.3	4.0	06/14/22 14:20	
Silver	mg/kg	<0.31	1.0	06/14/22 14:20	

LABORATORY CONTROL SAMPLE: 2408301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.8	99	80-120	
Barium	mg/kg	25	25.8	103	80-120	
Cadmium	mg/kg	25	26.4	106	80-120	
Chromium	mg/kg	25	26.0	104	80-120	
Lead	mg/kg	25	26.2	105	80-120	
Selenium	mg/kg	25	26.3	105	80-120	
Silver	mg/kg	12.5	13.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408302 2408303

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40245901020 Result	Spike Conc.	Spike Conc.	MS Result						
Arsenic	mg/kg	4.0	30	29.8	31.8	33.7	93	75-125	6	20	
Barium	mg/kg	90.8	30	29.8	130	151	133	75-125	15	20 M0	
Cadmium	mg/kg	0.65	30	29.8	30.7	30.5	101	75-125	1	20	
Chromium	mg/kg	27.9	30	29.8	55.5	56.0	92	75-125	1	20	
Lead	mg/kg	106	30	29.8	89.6	91.0	-56	75-125	2	20 M0	
Selenium	mg/kg	<1.6	30	29.8	29.6	29.9	99	75-125	1	20	
Silver	mg/kg	<0.37	15	15	15.3	15.2	101	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch:	419821	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3015A	Analysis Description:	6010D MET TCLP
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2417534 Matrix: Water  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/30/22 13:08	
Barium	mg/L	<0.0015	0.0050	06/30/22 13:08	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 13:08	
Chromium	mg/L	<0.0025	0.010	06/30/22 13:08	
Copper	mg/L	<0.0034	0.010	06/30/22 13:08	
Lead	mg/L	<0.0059	0.020	06/30/22 13:08	
Nickel	mg/L	<0.0026	0.010	06/30/22 13:08	
Selenium	mg/L	<0.012	0.040	06/30/22 13:08	
Silver	mg/L	<0.0032	0.010	06/30/22 13:08	
Zinc	mg/L	<0.012	0.040	06/30/22 13:08	

METHOD BLANK: 2417215 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	0.011J	0.025	06/30/22 13:50	
Barium	mg/L	0.0057	0.0050	06/30/22 13:50	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 13:50	
Chromium	mg/L	0.0032J	0.010	06/30/22 13:50	
Copper	mg/L	<0.0034	0.010	06/30/22 13:50	
Lead	mg/L	<0.0059	0.020	06/30/22 13:50	
Nickel	mg/L	0.0033J	0.010	06/30/22 13:50	
Selenium	mg/L	0.016J	0.040	06/30/22 13:50	
Silver	mg/L	<0.0032	0.010	06/30/22 13:50	
Zinc	mg/L	<0.012	0.040	06/30/22 13:50	

METHOD BLANK: 2417216 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	0.012J	0.025	06/30/22 14:18	
Barium	mg/L	0.0044J	0.0050	06/30/22 14:18	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 14:18	
Chromium	mg/L	<0.0025	0.010	06/30/22 14:18	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2417216 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	<0.0034	0.010	06/30/22 14:18	
Lead	mg/L	<0.0059	0.020	06/30/22 14:18	
Nickel	mg/L	<0.0026	0.010	06/30/22 14:18	
Selenium	mg/L	0.016J	0.040	06/30/22 14:18	
Silver	mg/L	<0.0032	0.010	06/30/22 14:18	
Zinc	mg/L	<0.012	0.040	06/30/22 14:18	

METHOD BLANK: 2417228 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0083	0.025	06/30/22 14:25	
Barium	mg/L	<0.0015	0.0050	06/30/22 14:25	
Cadmium	mg/L	<0.0013	0.0050	06/30/22 14:25	
Chromium	mg/L	<0.0025	0.010	06/30/22 14:25	
Copper	mg/L	<0.0034	0.010	06/30/22 14:25	
Lead	mg/L	<0.0059	0.020	06/30/22 14:25	
Nickel	mg/L	<0.0026	0.010	06/30/22 14:25	
Selenium	mg/L	<0.012	0.040	06/30/22 14:25	
Silver	mg/L	<0.0032	0.010	06/30/22 14:25	
Zinc	mg/L	<0.012	0.040	06/30/22 14:25	

LABORATORY CONTROL SAMPLE: 2417535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.28	0.25	90	80-120	
Barium	mg/L	0.28	0.26	94	80-120	
Cadmium	mg/L	0.28	0.26	94	80-120	
Chromium	mg/L	0.28	0.27	98	80-120	
Copper	mg/L	0.28	0.27	97	80-120	
Lead	mg/L	0.28	0.27	96	80-120	
Nickel	mg/L	0.28	0.27	96	80-120	
Selenium	mg/L	0.28	0.26	95	80-120	
Silver	mg/L	0.14	0.13	95	80-120	
Zinc	mg/L	0.28	0.26	95	80-120	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

MATRIX SPIKE SAMPLE:		2417536					
Parameter	Units	40247320001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	25.6J	1.2	31.4J	466	75-125	P6
Barium	mg/L	<3.4	1.2	<3.4	54	75-125	M0
Cadmium	mg/L	<3.0	1.2	<3.0	88	75-125	
Chromium	mg/L	22.2J	1.2	22.2J	1	75-125	P6
Copper	mg/L	332	1.2	328	-360	75-125	P6
Lead	mg/L	<13.3	1.2	<13.3	322	75-125	M0
Nickel	mg/L	2880	1.2	2860	-1800	75-125	P6
Selenium	mg/L	<27.5	1.2	<27.5	330	75-125	P6
Silver	mg/L	<7.2	0.62	<7.2	-108	75-125	M0
Zinc	mg/L	<26.0	1.2	<26.0	1	75-125	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2417537			2417538							
Parameter	Units	40247337001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Arsenic	mg/L	<0.0083	0.28	0.28	0.29	0.28	104	101	75-125	3	20	
Barium	mg/L	0.092	0.28	0.28	0.36	0.36	97	96	75-125	1	20	
Cadmium	mg/L	0.0034J	0.28	0.28	0.29	0.28	102	101	75-125	2	20	
Chromium	mg/L	<0.0025	0.28	0.28	0.27	0.27	96	96	75-125	0	20	
Copper	mg/L	<0.0034	0.28	0.28	0.29	0.29	103	102	75-125	1	20	
Lead	mg/L	<0.0059	0.28	0.28	0.27	0.27	97	96	75-125	0	20	
Nickel	mg/L	0.041	0.28	0.28	0.31	0.31	96	95	75-125	1	20	
Selenium	mg/L	0.013J	0.28	0.28	0.32	0.31	112	107	75-125	4	20	
Silver	mg/L	<0.0032	0.14	0.14	0.14	0.14	102	101	75-125	1	20	
Zinc	mg/L	0.22	0.28	0.28	0.48	0.47	92	91	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418361 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376011, 40246376012

METHOD BLANK: 2409483 Matrix: Solid

Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/15/22 19:50	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/15/22 19:50	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/15/22 19:50	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/15/22 19:50	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/15/22 19:50	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/15/22 19:50	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/15/22 19:50	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/15/22 19:50	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/15/22 19:50	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/15/22 19:50	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/15/22 19:50	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/15/22 19:50	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/15/22 19:50	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/15/22 19:50	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/15/22 19:50	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/15/22 19:50	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/15/22 19:50	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/15/22 19:50	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/15/22 19:50	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/15/22 19:50	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/15/22 19:50	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/15/22 19:50	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/15/22 19:50	
Benzene	ug/kg	<11.9	20.0	06/15/22 19:50	
Bromobenzene	ug/kg	<19.5	50.0	06/15/22 19:50	
Bromochloromethane	ug/kg	<13.7	50.0	06/15/22 19:50	
Bromodichloromethane	ug/kg	<11.9	50.0	06/15/22 19:50	
Bromoform	ug/kg	<220	250	06/15/22 19:50	
Bromomethane	ug/kg	<70.1	250	06/15/22 19:50	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/15/22 19:50	
Chlorobenzene	ug/kg	<6.0	50.0	06/15/22 19:50	
Chloroethane	ug/kg	<21.1	250	06/15/22 19:50	
Chloroform	ug/kg	<35.8	250	06/15/22 19:50	
Chloromethane	ug/kg	<19.0	50.0	06/15/22 19:50	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/15/22 19:50	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/15/22 19:50	
Dibromochloromethane	ug/kg	<171	250	06/15/22 19:50	
Dibromomethane	ug/kg	<14.8	50.0	06/15/22 19:50	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/15/22 19:50	
Diisopropyl ether	ug/kg	<12.4	50.0	06/15/22 19:50	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2409483 Matrix: Solid  
Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	06/15/22 19:50	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/15/22 19:50	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/15/22 19:50	
m&p-Xylene	ug/kg	<21.1	100	06/15/22 19:50	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/15/22 19:50	
Methylene Chloride	ug/kg	<13.9	50.0	06/15/22 19:50	
n-Butylbenzene	ug/kg	<22.9	50.0	06/15/22 19:50	
n-Propylbenzene	ug/kg	<12.0	50.0	06/15/22 19:50	
Naphthalene	ug/kg	<15.6	250	06/15/22 19:50	
o-Xylene	ug/kg	<15.0	50.0	06/15/22 19:50	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/15/22 19:50	
sec-Butylbenzene	ug/kg	<12.2	50.0	06/15/22 19:50	
Styrene	ug/kg	<12.8	50.0	06/15/22 19:50	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/15/22 19:50	
Tetrachloroethene	ug/kg	<19.4	50.0	06/15/22 19:50	
Toluene	ug/kg	<12.6	50.0	06/15/22 19:50	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/15/22 19:50	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/15/22 19:50	
Trichloroethene	ug/kg	<18.7	50.0	06/15/22 19:50	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/15/22 19:50	
Vinyl chloride	ug/kg	<10.1	50.0	06/15/22 19:50	
1,2-Dichlorobenzene-d4 (S)	%	92	71-161	06/15/22 19:50	
4-Bromofluorobenzene (S)	%	104	68-156	06/15/22 19:50	
Toluene-d8 (S)	%	110	69-153	06/15/22 19:50	

LABORATORY CONTROL SAMPLE: 2409484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2870	115	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2660	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2760	110	70-130	
1,1-Dichloroethene	ug/kg	2500	2610	104	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2760	110	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2840	114	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2720	109	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2620	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2690	108	70-130	
1,2-Dichloropropane	ug/kg	2500	2700	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2580	103	70-130	
Benzene	ug/kg	2500	2660	106	70-130	
Bromodichloromethane	ug/kg	2500	2630	105	70-130	
Bromoform	ug/kg	2500	2270	91	60-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2409484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	2280	91	45-153	
Carbon tetrachloride	ug/kg	2500	2860	114	70-130	
Chlorobenzene	ug/kg	2500	2610	104	70-130	
Chloroethane	ug/kg	2500	2220	89	55-160	
Chloroform	ug/kg	2500	2520	101	80-120	
Chloromethane	ug/kg	2500	2410	96	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2650	106	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2640	105	70-130	
Dibromochloromethane	ug/kg	2500	2430	97	70-130	
Dichlorodifluoromethane	ug/kg	2500	1910	77	16-83	
Ethylbenzene	ug/kg	2500	2530	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2620	105	70-130	
m&p-Xylene	ug/kg	5000	5220	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2740	110	65-130	
Methylene Chloride	ug/kg	2500	2630	105	70-130	
o-Xylene	ug/kg	2500	2670	107	70-130	
Styrene	ug/kg	2500	2650	106	70-130	
Tetrachloroethene	ug/kg	2500	2740	110	70-130	
Toluene	ug/kg	2500	2590	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2700	108	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2440	98	70-130	
Trichloroethene	ug/kg	2500	2620	105	70-130	
Trichlorofluoromethane	ug/kg	2500	2330	93	70-130	
Vinyl chloride	ug/kg	2500	2280	91	59-114	
1,2-Dichlorobenzene-d4 (S)	%			95	71-161	
4-Bromofluorobenzene (S)	%			114	68-156	
Toluene-d8 (S)	%			118	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409485 2409486

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246151015 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<16.6	1300	1300	1300	964	1210	74	93	69-130	23	20	R1
1,1,2,2-Tetrachloroethane	ug/kg	<23.5	1300	1300	1300	1630	1510	126	116	70-130	8	20	
1,1,2-Trichloroethane	ug/kg	<23.6	1300	1300	1300	1290	1390	99	107	70-130	7	20	
1,1-Dichloroethane	ug/kg	<16.6	1300	1300	1300	1190	1320	92	102	70-130	11	20	
1,1-Dichloroethene	ug/kg	<21.6	1300	1300	1300	955	1180	74	91	55-120	21	22	
1,2,4-Trichlorobenzene	ug/kg	<53.5	1300	1300	1300	1700	1570	131	121	67-130	8	20	M1
1,2-Dibromo-3-chloropropane	ug/kg	<50.4	1300	1300	1300	1540	1470	118	113	70-130	5	22	
1,2-Dibromoethane (EDB)	ug/kg	<17.8	1300	1300	1300	1350	1330	104	103	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<20.1	1300	1300	1300	1510	1410	116	109	70-130	6	20	
1,2-Dichloroethane	ug/kg	<14.9	1300	1300	1300	1330	1310	102	101	70-130	1	20	
1,2-Dichloropropane	ug/kg	<15.5	1300	1300	1300	1300	1330	100	102	80-123	2	20	
1,3-Dichlorobenzene	ug/kg	<17.8	1300	1300	1300	1450	1470	111	113	70-130	1	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Parameter	Units	2409485		2409486		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246151015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<17.8	1300	1300	1410	1400	108	108	70-130	0	20		
Benzene	ug/kg	<15.5	1300	1300	1240	1320	96	102	70-130	6	20		
Bromodichloromethane	ug/kg	<15.5	1300	1300	1230	1240	95	96	70-130	1	20		
Bromoform	ug/kg	<286	1300	1300	1220	1190	94	91	60-130	2	20		
Bromomethane	ug/kg	<91.1	1300	1300	1160	1340	89	103	38-153	14	20		
Carbon tetrachloride	ug/kg	<14.3	1300	1300	975	1280	75	98	62-130	27	20	R1	
Chlorobenzene	ug/kg	<7.8	1300	1300	1300	1360	100	105	70-130	4	20		
Chloroethane	ug/kg	<27.4	1300	1300	1100	1150	85	88	53-160	4	24		
Chloroform	ug/kg	<46.5	1300	1300	1200	1290	92	99	80-120	7	20		
Chloromethane	ug/kg	<24.7	1300	1300	1160	1380	89	107	10-130	18	20		
cis-1,2-Dichloroethene	ug/kg	<13.9	1300	1300	1180	1250	91	96	70-130	5	20		
cis-1,3-Dichloropropene	ug/kg	<42.9	1300	1300	1250	1250	96	96	70-130	0	20		
Dibromochloromethane	ug/kg	<222	1300	1300	1280	1290	98	100	70-130	1	20		
Dichlorodifluoromethane	ug/kg	<27.9	1300	1300	641	1030	49	79	10-83	46	31	R1	
Ethylbenzene	ug/kg	<15.5	1300	1300	1150	1270	89	98	80-120	10	20		
Isopropylbenzene (Cumene)	ug/kg	<17.5	1300	1300	1140	1260	88	97	70-130	10	20		
m&p-Xylene	ug/kg	<27.4	2600	2600	2380	2560	92	99	70-130	7	20		
Methyl-tert-butyl ether	ug/kg	<19.1	1300	1300	1330	1350	102	104	66-130	2	20		
Methylene Chloride	ug/kg	<18.1	1300	1300	1270	1360	98	105	70-130	7	20		
o-Xylene	ug/kg	<19.5	1300	1300	1220	1320	94	102	70-130	8	20		
Styrene	ug/kg	<16.6	1300	1300	1240	1280	95	99	70-130	4	20		
Tetrachloroethene	ug/kg	<25.2	1300	1300	1060	1250	82	96	69-130	16	20		
Toluene	ug/kg	<16.4	1300	1300	1240	1360	95	105	79-120	10	20		
trans-1,2-Dichloroethene	ug/kg	<14.0	1300	1300	1220	1380	94	106	70-130	12	20		
trans-1,3-Dichloropropene	ug/kg	<186	1300	1300	1220	1260	94	97	69-130	4	20		
Trichloroethene	ug/kg	<24.3	1300	1300	1150	1310	88	101	70-130	13	20		
Trichlorofluoromethane	ug/kg	<18.8	1300	1300	742	943	57	73	50-130	24	22	R1	
Vinyl chloride	ug/kg	<13.1	1300	1300	879	1150	68	89	26-114	27	20	R1	
1,2-Dichlorobenzene-d4 (S)	%						112	109	71-161				
4-Bromofluorobenzene (S)	%						126	129	68-156				
Toluene-d8 (S)	%						131	132	69-153				

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418383 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

METHOD BLANK: 2409541 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	06/16/22 14:52	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	06/16/22 14:52	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	06/16/22 14:52	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	06/16/22 14:52	
1,1-Dichloroethane	ug/kg	<12.8	50.0	06/16/22 14:52	
1,1-Dichloroethene	ug/kg	<16.6	50.0	06/16/22 14:52	
1,1-Dichloropropene	ug/kg	<16.2	50.0	06/16/22 14:52	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	06/16/22 14:52	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	06/16/22 14:52	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	06/16/22 14:52	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	06/16/22 14:52	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	06/16/22 14:52	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	06/16/22 14:52	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	06/16/22 14:52	
1,2-Dichloroethane	ug/kg	<11.5	50.0	06/16/22 14:52	
1,2-Dichloropropane	ug/kg	<11.9	50.0	06/16/22 14:52	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	06/16/22 14:52	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	06/16/22 14:52	
1,3-Dichloropropane	ug/kg	<10.9	50.0	06/16/22 14:52	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	06/16/22 14:52	
2,2-Dichloropropane	ug/kg	<13.5	50.0	06/16/22 14:52	
2-Chlorotoluene	ug/kg	<16.2	50.0	06/16/22 14:52	
4-Chlorotoluene	ug/kg	<19.0	50.0	06/16/22 14:52	
Benzene	ug/kg	<11.9	20.0	06/16/22 14:52	
Bromobenzene	ug/kg	<19.5	50.0	06/16/22 14:52	
Bromochloromethane	ug/kg	<13.7	50.0	06/16/22 14:52	
Bromodichloromethane	ug/kg	<11.9	50.0	06/16/22 14:52	
Bromoform	ug/kg	<220	250	06/16/22 14:52	
Bromomethane	ug/kg	<70.1	250	06/16/22 14:52	
Carbon tetrachloride	ug/kg	<11.0	50.0	06/16/22 14:52	
Chlorobenzene	ug/kg	<6.0	50.0	06/16/22 14:52	
Chloroethane	ug/kg	<21.1	250	06/16/22 14:52	
Chloroform	ug/kg	<35.8	250	06/16/22 14:52	
Chloromethane	ug/kg	<19.0	50.0	06/16/22 14:52	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	06/16/22 14:52	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	06/16/22 14:52	
Dibromochloromethane	ug/kg	<171	250	06/16/22 14:52	
Dibromomethane	ug/kg	<14.8	50.0	06/16/22 14:52	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	06/16/22 14:52	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2409541 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	06/16/22 14:52	
Ethylbenzene	ug/kg	<11.9	50.0	06/16/22 14:52	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	06/16/22 14:52	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	06/16/22 14:52	
m&p-Xylene	ug/kg	<21.1	100	06/16/22 14:52	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	06/16/22 14:52	
Methylene Chloride	ug/kg	<13.9	50.0	06/16/22 14:52	
n-Butylbenzene	ug/kg	<22.9	50.0	06/16/22 14:52	
n-Propylbenzene	ug/kg	<12.0	50.0	06/16/22 14:52	
Naphthalene	ug/kg	<15.6	250	06/16/22 14:52	
o-Xylene	ug/kg	<15.0	50.0	06/16/22 14:52	
p-Isopropyltoluene	ug/kg	<15.2	50.0	06/16/22 14:52	
sec-Butylbenzene	ug/kg	<12.2	50.0	06/16/22 14:52	
Styrene	ug/kg	<12.8	50.0	06/16/22 14:52	
tert-Butylbenzene	ug/kg	<15.7	50.0	06/16/22 14:52	
Tetrachloroethene	ug/kg	<19.4	50.0	06/16/22 14:52	
Toluene	ug/kg	<12.6	50.0	06/16/22 14:52	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	06/16/22 14:52	
trans-1,3-Dichloropropene	ug/kg	<143	250	06/16/22 14:52	
Trichloroethene	ug/kg	<18.7	50.0	06/16/22 14:52	
Trichlorofluoromethane	ug/kg	<14.5	50.0	06/16/22 14:52	
Vinyl chloride	ug/kg	<10.1	50.0	06/16/22 14:52	
1,2-Dichlorobenzene-d4 (S)	%	102	71-161	06/16/22 14:52	
4-Bromofluorobenzene (S)	%	115	68-156	06/16/22 14:52	
Toluene-d8 (S)	%	116	69-153	06/16/22 14:52	

LABORATORY CONTROL SAMPLE: 2409542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2910	116	70-130	
1,1,1,2-Tetrachloroethane	ug/kg	2500	2630	105	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2480	99	70-130	
1,1-Dichloroethane	ug/kg	2500	2830	113	70-130	
1,1-Dichloroethene	ug/kg	2500	2740	110	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2900	116	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2860	114	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2530	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2650	106	70-130	
1,2-Dichloropropane	ug/kg	2500	2700	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
Benzene	ug/kg	2500	2710	108	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2409542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/kg	2500	2700	108	70-130	
Bromoform	ug/kg	2500	2150	86	60-130	
Bromomethane	ug/kg	2500	2240	89	45-153	
Carbon tetrachloride	ug/kg	2500	2820	113	70-130	
Chlorobenzene	ug/kg	2500	2650	106	70-130	
Chloroethane	ug/kg	2500	2670	107	55-160	
Chloroform	ug/kg	2500	2560	102	80-120	
Chloromethane	ug/kg	2500	2440	98	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2650	106	70-130	
Dibromochloromethane	ug/kg	2500	2330	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	2030	81	16-83	
Ethylbenzene	ug/kg	2500	2590	103	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2680	107	70-130	
m&p-Xylene	ug/kg	5000	5160	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2710	108	65-130	
Methylene Chloride	ug/kg	2500	2610	104	70-130	
o-Xylene	ug/kg	2500	2600	104	70-130	
Styrene	ug/kg	2500	2640	105	70-130	
Tetrachloroethene	ug/kg	2500	2590	104	70-130	
Toluene	ug/kg	2500	2590	103	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2780	111	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2370	95	70-130	
Trichloroethene	ug/kg	2500	2740	110	70-130	
Trichlorofluoromethane	ug/kg	2500	2480	99	70-130	
Vinyl chloride	ug/kg	2500	2380	95	59-114	
1,2-Dichlorobenzene-d4 (S)	%			95	71-161	
4-Bromofluorobenzene (S)	%			114	68-156	
Toluene-d8 (S)	%			114	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409543 2409544

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246376001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<16.9	1160	1140	1460	1420	126	124	69-130	3	20		
1,1,2,2-Tetrachloroethane	ug/kg	<23.9	1160	1140	1450	1630	125	142	70-130	12	20	M1	
1,1,2-Trichloroethane	ug/kg	<24.1	1160	1140	1300	1410	113	123	70-130	8	20		
1,1-Dichloroethane	ug/kg	<16.9	1160	1140	1330	1420	115	124	70-130	6	20		
1,1-Dichloroethene	ug/kg	<21.9	1160	1140	1380	1420	119	124	55-120	3	22	M1	
1,2,4-Trichlorobenzene	ug/kg	<54.4	1160	1140	1870	1790	162	156	67-130	5	20	M1	
1,2-Dibromo-3-chloropropane	ug/kg	<51.3	1160	1140	1450	1710	125	150	70-130	17	22	M1	
1,2-Dibromoethane (EDB)	ug/kg	<18.1	1160	1140	1300	1390	113	122	70-130	7	20		
1,2-Dichlorobenzene	ug/kg	<20.5	1160	1140	1440	1520	125	133	70-130	5	20	M1	
1,2-Dichloroethane	ug/kg	<15.2	1160	1140	1330	1410	115	124	70-130	6	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409543		2409544		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40246376001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloropropane	ug/kg	<15.7	1160	1140	1370	1450	118	127	80-123	6	20	M1	
1,3-Dichlorobenzene	ug/kg	<18.1	1160	1140	1470	1490	127	130	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<18.1	1160	1140	1430	1420	124	124	70-130	1	20		
Benzene	ug/kg	<15.7	1160	1140	1370	1440	119	126	70-130	5	20		
Bromodichloromethane	ug/kg	<15.7	1160	1140	1330	1380	115	120	70-130	4	20		
Bromoform	ug/kg	<291	1160	1140	1140	1260	99	110	60-130	10	20		
Bromomethane	ug/kg	<92.6	1160	1140	1180	1370	102	120	38-153	15	20		
Carbon tetrachloride	ug/kg	<14.5	1160	1140	1410	1510	122	132	62-130	7	20	M1	
Chlorobenzene	ug/kg	<7.9	1160	1140	1340	1410	116	124	70-130	5	20		
Chloroethane	ug/kg	<27.9	1160	1140	1320	1300	115	113	53-160	2	24		
Chloroform	ug/kg	<47.3	1160	1140	1310	1380	113	121	80-120	6	20	M1	
Chloromethane	ug/kg	<25.1	1160	1140	1230	1350	106	118	10-130	10	20		
cis-1,2-Dichloroethene	ug/kg	<14.1	1160	1140	1270	1380	110	121	70-130	8	20		
cis-1,3-Dichloropropene	ug/kg	<43.6	1160	1140	1260	1340	109	117	70-130	6	20		
Dibromochloromethane	ug/kg	<226	1160	1140	1180	1320	102	115	70-130	11	20		
Dichlorodifluoromethane	ug/kg	<28.4	1160	1140	906	942	78	82	10-83	4	31		
Ethylbenzene	ug/kg	<15.7	1160	1140	1300	1390	112	122	80-120	7	20	M1	
Isopropylbenzene (Cumene)	ug/kg	<17.8	1160	1140	1330	1440	115	126	70-130	8	20		
m&p-Xylene	ug/kg	<27.9	2310	2290	2620	2830	113	124	70-130	8	20		
Methyl-tert-butyl ether	ug/kg	<19.4	1160	1140	1390	1510	120	132	66-130	8	20	M1	
Methylene Chloride	ug/kg	<18.4	1160	1140	1320	1450	114	126	70-130	9	20		
o-Xylene	ug/kg	<19.8	1160	1140	1290	1420	112	124	70-130	10	20		
Styrene	ug/kg	<16.9	1160	1140	1240	1390	107	121	70-130	11	20		
Tetrachloroethene	ug/kg	<25.6	1160	1140	1380	1350	119	118	69-130	2	20		
Toluene	ug/kg	30.9J	1160	1140	1350	1440	114	123	79-120	6	20	M1	
trans-1,2-Dichloroethene	ug/kg	<14.3	1160	1140	1400	1510	121	132	70-130	8	20	M1	
trans-1,3-Dichloropropene	ug/kg	<189	1160	1140	1170	1280	101	112	69-130	9	20		
Trichloroethene	ug/kg	<24.7	1160	1140	1400	1460	121	128	70-130	4	20		
Trichlorofluoromethane	ug/kg	<19.2	1160	1140	1130	1210	98	106	50-130	7	22		
Vinyl chloride	ug/kg	<13.3	1160	1140	1160	1200	100	105	26-114	4	20		
1,2-Dichlorobenzene-d4 (S)	%						108	112	71-161				
4-Bromofluorobenzene (S)	%						128	133	68-156				
Toluene-d8 (S)	%						131	132	69-153				

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418285 Analysis Method: EPA 8082A  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005

METHOD BLANK: 2408882 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/15/22 16:01	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/15/22 16:01	
Decachlorobiphenyl (S)	%	78	38-95	06/15/22 16:01	
Tetrachloro-m-xylene (S)	%	85	50-99	06/15/22 16:01	

LABORATORY CONTROL SAMPLE: 2408883

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	401	80	71-104	
Decachlorobiphenyl (S)	%			80	38-95	
Tetrachloro-m-xylene (S)	%			86	50-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2408884 2408885

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246293001	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	
PCB-1221 (Aroclor 1221)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	
PCB-1232 (Aroclor 1232)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	
PCB-1242 (Aroclor 1242)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	
PCB-1248 (Aroclor 1248)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	
PCB-1254 (Aroclor 1254)	ug/kg	<0.018 mg/kg			<18.1	<18.1				20	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Parameter	Units	40246293001		2408884		2408885		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
PCB-1260 (Aroclor 1260)	ug/kg	<0.018 mg/kg	593	596	439	415	74	70	42-109	6	20			
Decachlorobiphenyl (S)	%						74	71	38-95					
Tetrachloro-m-xylene (S)	%						80	77	50-99					

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 418443      Analysis Method: EPA 8082A  
QC Batch Method: EPA 3541      Analysis Description: 8082 GCS PCB  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2409807      Matrix: Solid  
Associated Lab Samples: 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/16/22 09:05	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/16/22 09:05	
Decachlorobiphenyl (S)	%	76	38-95	06/16/22 09:05	
Tetrachloro-m-xylene (S)	%	84	50-99	06/16/22 09:05	

LABORATORY CONTROL SAMPLE: 2409808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	380	76	71-104	
Decachlorobiphenyl (S)	%			73	38-95	
Tetrachloro-m-xylene (S)	%			88	50-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2409809      2409810

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40244602033 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1221 (Aroclor 1221)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1232 (Aroclor 1232)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1242 (Aroclor 1242)	ug/kg	<18.9			46.7J	53.7J					20
PCB-1248 (Aroclor 1248)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1254 (Aroclor 1254)	ug/kg	<18.9			<18.9	<18.9					20
PCB-1260 (Aroclor 1260)	ug/kg	<18.9	620	620	410	394	66	64	42-109	4	20
Decachlorobiphenyl (S)	%						67	64	38-95		
Tetrachloro-m-xylene (S)	%						75	70	50-99		

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2412252 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	<69.4	167	06/21/22 14:36	
Carbazole	ug/kg	<26.1	167	06/21/22 14:36	
Chrysene	ug/kg	<24.9	167	06/21/22 14:36	
Di-n-butylphthalate	ug/kg	<24.9	167	06/21/22 14:36	
Di-n-octylphthalate	ug/kg	<37.5	167	06/21/22 14:36	
Dibenz(a,h)anthracene	ug/kg	<45.3	167	06/21/22 14:36	
Dibenzofuran	ug/kg	<20.2	167	06/21/22 14:36	
Diethylphthalate	ug/kg	<27.7	167	06/21/22 14:36	
Dimethylphthalate	ug/kg	<21.7	167	06/21/22 14:36	
Fluoranthene	ug/kg	<23.6	167	06/21/22 14:36	
Fluorene	ug/kg	<19.5	167	06/21/22 14:36	
Hexachloro-1,3-butadiene	ug/kg	<42.5	167	06/21/22 14:36	
Hexachlorobenzene	ug/kg	<28.0	167	06/21/22 14:36	
Hexachlorocyclopentadiene	ug/kg	<39.5	167	06/21/22 14:36	
Hexachloroethane	ug/kg	<26.7	167	06/21/22 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.1	167	06/21/22 14:36	
Isophorone	ug/kg	<25.6	167	06/21/22 14:36	
N-Nitroso-di-n-propylamine	ug/kg	<26.4	167	06/21/22 14:36	
N-Nitrosodiphenylamine	ug/kg	<43.9	167	06/21/22 14:36	
Naphthalene	ug/kg	<58.3	167	06/21/22 14:36	
Nitrobenzene	ug/kg	<33.8	167	06/21/22 14:36	
Pentachlorophenol	ug/kg	<36.7	167	06/21/22 14:36	
Phenanthrene	ug/kg	<21.4	167	06/21/22 14:36	
Phenol	ug/kg	<39.6	167	06/21/22 14:36	
Pyrene	ug/kg	<37.0	167	06/21/22 14:36	
2,4,6-Tribromophenol (S)	%	93	10-144	06/21/22 14:36	
2-Fluorobiphenyl (S)	%	76	12-118	06/21/22 14:36	
2-Fluorophenol (S)	%	61	10-130	06/21/22 14:36	
Nitrobenzene-d5 (S)	%	64	10-125	06/21/22 14:36	
Phenol-d6 (S)	%	59	10-125	06/21/22 14:36	
Terphenyl-d14 (S)	%	98	10-124	06/21/22 14:36	

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1390	83	70-130	
1,2-Dichlorobenzene	ug/kg	1670	1240	75	66-130	
1,3-Dichlorobenzene	ug/kg	1670	1120	67	66-130	
1,4-Dichlorobenzene	ug/kg	1670	1130	68	64-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1230	74	65-130	
2,4,5-Trichlorophenol	ug/kg	1670	1610	97	70-125	
2,4,6-Trichlorophenol	ug/kg	1670	1590	95	70-124	
2,4-Dichlorophenol	ug/kg	1670	1520	91	70-121	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	1470	89	70-130	
2,4-Dinitrophenol	ug/kg	1670	1160	70	26-103	
2,4-Dinitrotoluene	ug/kg	1670	1770	107	70-130	
2,6-Dinitrotoluene	ug/kg	1670	1780	107	70-130	
2-Chloronaphthalene	ug/kg	1670	1450	87	70-130	
2-Chlorophenol	ug/kg	1670	1260	75	67-130	
2-Methylnaphthalene	ug/kg	1670	1470	88	70-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1470	88	69-130	
2-Nitroaniline	ug/kg	1670	1490	90	70-124	
2-Nitrophenol	ug/kg	1670	1570	94	70-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1460	88	70-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1700	102	48-112	
3-Nitroaniline	ug/kg	1670	1500	90	57-121	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1490	90	59-115	
4-Bromophenylphenyl ether	ug/kg	1670	1650	99	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1580	95	70-130	
4-Chloroaniline	ug/kg	1670	1170	71	45-130	1q
4-Chlorophenylphenyl ether	ug/kg	1670	1690	101	70-130	
4-Nitroaniline	ug/kg	1670	1490	89	62-127	
4-Nitrophenol	ug/kg	1670	1340	81	50-126	
Acenaphthene	ug/kg	1670	1430	86	70-130	
Acenaphthylene	ug/kg	1670	1530	92	70-130	
Anthracene	ug/kg	1670	1380	83	70-130	
Benzo(a)anthracene	ug/kg	1670	1690	102	70-130	
Benzo(a)pyrene	ug/kg	1670	1610	97	70-130	
Benzo(b)fluoranthene	ug/kg	1670	1600	96	70-130	
Benzo(g,h,i)perylene	ug/kg	1670	1610	96	65-130	
Benzo(k)fluoranthene	ug/kg	1670	1550	93	70-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1370	82	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1120	67	68-130	L2
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1620	97	70-130	
Butylbenzylphthalate	ug/kg	1670	1740	104	70-130	
Carbazole	ug/kg	1670	1540	93	70-130	
Chrysene	ug/kg	1670	1670	101	70-130	
Di-n-butylphthalate	ug/kg	1670	1630	98	70-130	
Di-n-octylphthalate	ug/kg	1670	1770	106	67-134	
Dibenz(a,h)anthracene	ug/kg	1670	1740	104	68-130	
Dibenzofuran	ug/kg	1670	1560	94	70-130	
Diethylphthalate	ug/kg	1670	1560	94	70-130	
Dimethylphthalate	ug/kg	1670	1560	94	70-130	
Fluoranthene	ug/kg	1670	1660	100	70-130	
Fluorene	ug/kg	1670	1530	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1340	81	67-130	
Hexachlorobenzene	ug/kg	1670	1620	97	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1260	76	54-114	
Hexachloroethane	ug/kg	1670	1140	68	64-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1710	103	63-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2412253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1480	89	70-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1460	88	70-130	
N-Nitrosodiphenylamine	ug/kg	1670	1510	91	70-130	
Naphthalene	ug/kg	1670	1360	82	70-130	
Nitrobenzene	ug/kg	1670	1290	77	70-130	
Pentachlorophenol	ug/kg	1670	1440	86	47-108	
Phenanthrene	ug/kg	1670	1480	89	70-130	
Phenol	ug/kg	1670	1320	79	67-130	
Pyrene	ug/kg	1670	1580	95	70-130	
2,4,6-Tribromophenol (S)	%			118	10-144	
2-Fluorobiphenyl (S)	%			93	12-118	
2-Fluorophenol (S)	%			68	10-130	
Nitrobenzene-d5 (S)	%			81	10-125	
Phenol-d6 (S)	%			77	10-125	
Terphenyl-d14 (S)	%			103	10-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2412254 2412255

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246502001 Result	Spike Conc.	Spike Conc.	MS Result								
1,2,4-Trichlorobenzene	ug/kg	<88.6	1950	1960	1420	1360	73	70	45-130	4	28		
1,2-Dichlorobenzene	ug/kg	<246	1950	1960	1240	1320	63	68	45-130	7	29		
1,3-Dichlorobenzene	ug/kg	<108	1950	1960	1110	1220	57	62	42-130	10	30		
1,4-Dichlorobenzene	ug/kg	<109	1950	1960	1200	1350	61	69	42-130	12	32		
2,2'-Oxybis(1-chloropropane)	ug/kg	<202	1950	1960	1220	1230	63	63	44-130	1	26		
2,4,5-Trichlorophenol	ug/kg	<138	1950	1960	1430	1370	73	70	11-125	4	30		
2,4,6-Trichlorophenol	ug/kg	<119	1950	1960	1400	1490	72	76	16-124	6	31		
2,4-Dichlorophenol	ug/kg	<209	1950	1960	1420	1410	73	72	19-121	1	29		
2,4-Dimethylphenol	ug/kg	<155	1950	1960	1370	1320	70	68	29-130	4	32		
2,4-Dinitrophenol	ug/kg	<616	1950	1960	<615	<616	0	0	10-103		50	M1	
2,4-Dinitrotoluene	ug/kg	<112	1950	1960	1500	1390	77	71	38-130	8	27		
2,6-Dinitrotoluene	ug/kg	<149	1950	1960	1450	1560	74	80	41-130	7	28		
2-Chloronaphthalene	ug/kg	<101	1950	1960	1470	1420	75	73	44-130	4	24		
2-Chlorophenol	ug/kg	<196	1950	1960	1320	1250	67	64	33-130	5	30		
2-Methylnaphthalene	ug/kg	<203	1950	1960	1380	1440	71	74	46-130	4	23		
2-Methylphenol(o-Cresol)	ug/kg	<142	1950	1960	1430	1330	73	68	30-130	8	30		
2-Nitroaniline	ug/kg	<223	1950	1960	1470	1280	75	65	27-124	14	25		
2-Nitrophenol	ug/kg	<247	1950	1960	1320	1350	68	69	10-130	2	27		
3&4-Methylphenol(m&p Cresol)	ug/kg	<144	1950	1960	1300	1290	67	66	28-130	1	33		
3,3'-Dichlorobenzidine	ug/kg	<213	1950	1960	1770	1720	91	88	10-112	3	43		
3-Nitroaniline	ug/kg	<133	1950	1960	1250	1260	64	64	10-121	0	33		
4,6-Dinitro-2-methylphenol	ug/kg	<241	1950	1960	1250	1270	64	65	10-115	1	50		
4-Bromophenylphenyl ether	ug/kg	<164	1950	1960	1450	1420	74	73	40-130	2	25		
4-Chloro-3-methylphenol	ug/kg	<244	1950	1960	1360	1310	70	67	30-130	4	29		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Parameter	Units	2412254		2412255		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40246502001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
4-Chloroaniline	ug/kg	<129	1950	1960	1130	1160	58	60	16-130	3	33	1q,4q	
4-Chlorophenylphenyl ether	ug/kg	<146	1950	1960	1620	1620	83	83	46-130	0	24		
4-Nitroaniline	ug/kg	<325	1950	1960	1160	1020	60	52	10-127	13	40		
4-Nitrophenol	ug/kg	<197	1950	1960	649J	368J	33	19	10-128		50		
Acenaphthene	ug/kg	<278	1950	1960	1410	1480	68	72	47-130	5	21		
Acenaphthylene	ug/kg	<279	1950	1960	1430	1470	73	75	49-130	3	22		
Anthracene	ug/kg	130J	1950	1960	1360	1420	63	66	46-130	5	27		
Benzo(a)anthracene	ug/kg	323J	1950	1960	1740	2330	72	103	45-130	29	24	R1	
Benzo(a)pyrene	ug/kg	303J	1950	1960	1590	1910	66	82	48-130	18	27		
Benzo(b)fluoranthene	ug/kg	377J	1950	1960	1640	2110	65	89	41-130	25	31		
Benzo(g,h,i)perylene	ug/kg	248J	1950	1960	1800	1960	79	88	37-130	9	31		
Benzo(k)fluoranthene	ug/kg	<188	1950	1960	1540	1690	72	80	46-130	10	27		
bis(2-Chloroethoxy)methane	ug/kg	<211	1950	1960	1180	1190	60	61	38-130	1	26		
bis(2-Chloroethyl) ether	ug/kg	<245	1950	1960	1050	1180	54	60	42-130	12	29		
bis(2-Ethylhexyl)phthalate	ug/kg	<267	1950	1960	2050	1950	105	100	39-130	5	27		
Butylbenzylphthalate	ug/kg	<326	1950	1960	1690	1630	86	84	39-130	3	27		
Carbazole	ug/kg	<123	1950	1960	1440	1450	70	70	44-130	0	24		
Chrysene	ug/kg	397J	1950	1960	1900	2180	77	91	44-130	14	25		
Di-n-butylphthalate	ug/kg	<117	1950	1960	1520	1440	78	74	45-130	5	26		
Di-n-octylphthalate	ug/kg	<176	1950	1960	2120	2080	108	106	40-134	2	27		
Dibenz(a,h)anthracene	ug/kg	<213	1950	1960	1580	1720	78	85	41-130	8	33		
Dibenzofuran	ug/kg	<94.8	1950	1960	1630	1560	81	78	47-130	4	23		
Diethylphthalate	ug/kg	<130	1950	1960	1510	1530	77	78	46-130	1	24		
Dimethylphthalate	ug/kg	<102	1950	1960	1510	1470	78	75	47-130	3	24		
Fluoranthene	ug/kg	937	1950	1960	1970	2770	53	94	50-130	34	27	R1	
Fluorene	ug/kg	<91.6	1950	1960	1470	1510	71	73	48-130	3	25		
Hexachloro-1,3-butadiene	ug/kg	<200	1950	1960	1480	1600	76	82	42-130	8	27		
Hexachlorobenzene	ug/kg	<132	1950	1960	1470	1420	75	73	51-130	3	24		
Hexachlorocyclopentadiene	ug/kg	<185	1950	1960	615J	475J	31	24	10-114		50		
Hexachloroethane	ug/kg	<125	1950	1960	1190	1190	61	61	33-130	0	35		
Indeno(1,2,3-cd)pyrene	ug/kg	283J	1950	1960	1770	2010	76	88	34-130	13	38		
Isophorone	ug/kg	<120	1950	1960	1290	1320	66	68	45-130	2	28		
N-Nitroso-di-n-propylamine	ug/kg	<124	1950	1960	1300	1110	67	57	47-130	16	27		
N-Nitrosodiphenylamine	ug/kg	<206	1950	1960	1380	1310	70	67	42-130	5	25		
Naphthalene	ug/kg	<274	1950	1960	1370	1450	70	74	48-130	5	24		
Nitrobenzene	ug/kg	<159	1950	1960	1270	1350	65	69	42-130	6	25		
Pentachlorophenol	ug/kg	<173	1950	1960	816	738J	42	38	10-108		50		
Phenanthrene	ug/kg	565J	1950	1960	1720	1800	59	63	50-130	5	27		
Phenol	ug/kg	<186	1950	1960	1160	1270	59	65	37-130	9	30	D3	
Pyrene	ug/kg	752J	1950	1960	1880	2580	58	93	43-130	31	29	R1	
2,4,6-Tribromophenol (S)	%						85	83	10-144				
2-Fluorobiphenyl (S)	%						73	76	12-118				
2-Fluorophenol (S)	%						57	58	10-130				
Nitrobenzene-d5 (S)	%						68	67	10-125				
Phenol-d6 (S)	%						61	60	10-125				

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2412254												2412255	
Parameter	Units	40246502001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Terphenyl-d14 (S)	%						83	82	10-124				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 419187 Analysis Method: EPA 8270E  
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376011, 40246376012

METHOD BLANK: 2413892 Matrix: Solid

Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	<18.9	167	06/23/22 13:38	
1,2-Dichlorobenzene	ug/kg	<52.6	167	06/23/22 13:38	
1,3-Dichlorobenzene	ug/kg	<23.1	167	06/23/22 13:38	
1,4-Dichlorobenzene	ug/kg	<23.3	167	06/23/22 13:38	
2,2'-Oxybis(1-chloropropane)	ug/kg	<43.1	167	06/23/22 13:38	
2,4,5-Trichlorophenol	ug/kg	<29.5	167	06/23/22 13:38	
2,4,6-Trichlorophenol	ug/kg	<25.5	167	06/23/22 13:38	
2,4-Dichlorophenol	ug/kg	<44.7	167	06/23/22 13:38	
2,4-Dimethylphenol	ug/kg	<33.1	167	06/23/22 13:38	
2,4-Dinitrophenol	ug/kg	<131	330	06/23/22 13:38	
2,4-Dinitrotoluene	ug/kg	<23.9	167	06/23/22 13:38	
2,6-Dinitrotoluene	ug/kg	<31.7	167	06/23/22 13:38	
2-Chloronaphthalene	ug/kg	<21.5	167	06/23/22 13:38	
2-Chlorophenol	ug/kg	<41.7	167	06/23/22 13:38	
2-Methylnaphthalene	ug/kg	<43.4	167	06/23/22 13:38	
2-Methylphenol(o-Cresol)	ug/kg	<30.4	167	06/23/22 13:38	
2-Nitroaniline	ug/kg	<47.6	167	06/23/22 13:38	
2-Nitrophenol	ug/kg	<52.8	167	06/23/22 13:38	
3&4-Methylphenol(m&p Cresol)	ug/kg	<30.6	167	06/23/22 13:38	
3,3'-Dichlorobenzidine	ug/kg	<45.3	167	06/23/22 13:38	
3-Nitroaniline	ug/kg	<28.4	167	06/23/22 13:38	
4,6-Dinitro-2-methylphenol	ug/kg	<51.5	167	06/23/22 13:38	
4-Bromophenylphenyl ether	ug/kg	<35.0	167	06/23/22 13:38	
4-Chloro-3-methylphenol	ug/kg	<52.0	167	06/23/22 13:38	
4-Chloroaniline	ug/kg	<27.5	167	06/23/22 13:38	4q
4-Chlorophenylphenyl ether	ug/kg	<31.1	167	06/23/22 13:38	
4-Nitroaniline	ug/kg	<69.4	167	06/23/22 13:38	
4-Nitrophenol	ug/kg	<42.1	167	06/23/22 13:38	
Acenaphthene	ug/kg	<59.3	167	06/23/22 13:38	
Acenaphthylene	ug/kg	<59.6	167	06/23/22 13:38	
Anthracene	ug/kg	<26.7	167	06/23/22 13:38	
Benzo(a)anthracene	ug/kg	<25.9	167	06/23/22 13:38	
Benzo(a)pyrene	ug/kg	<25.1	167	06/23/22 13:38	
Benzo(b)fluoranthene	ug/kg	<28.7	167	06/23/22 13:38	
Benzo(g,h,i)perylene	ug/kg	<43.7	167	06/23/22 13:38	
Benzo(k)fluoranthene	ug/kg	<40.0	167	06/23/22 13:38	
bis(2-Chloroethoxy)methane	ug/kg	<45.0	167	06/23/22 13:38	
bis(2-Chloroethyl) ether	ug/kg	<52.2	167	06/23/22 13:38	
bis(2-Ethylhexyl)phthalate	ug/kg	<57.1	167	06/23/22 13:38	
Butylbenzylphthalate	ug/kg	<69.6	167	06/23/22 13:38	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

METHOD BLANK: 2413892 Matrix: Solid  
Associated Lab Samples: 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbazole	ug/kg	<26.2	167	06/23/22 13:38	
Chrysene	ug/kg	<25.0	167	06/23/22 13:38	
Di-n-butylphthalate	ug/kg	<25.0	167	06/23/22 13:38	
Di-n-octylphthalate	ug/kg	<37.6	167	06/23/22 13:38	
Dibenz(a,h)anthracene	ug/kg	<45.4	167	06/23/22 13:38	
Dibenzofuran	ug/kg	<20.2	167	06/23/22 13:38	
Diethylphthalate	ug/kg	<27.7	167	06/23/22 13:38	
Dimethylphthalate	ug/kg	<21.7	167	06/23/22 13:38	
Fluoranthene	ug/kg	<23.7	167	06/23/22 13:38	
Fluorene	ug/kg	<19.5	167	06/23/22 13:38	
Hexachloro-1,3-butadiene	ug/kg	<42.6	167	06/23/22 13:38	
Hexachlorobenzene	ug/kg	<28.1	167	06/23/22 13:38	
Hexachlorocyclopentadiene	ug/kg	<39.6	167	06/23/22 13:38	
Hexachloroethane	ug/kg	<26.7	167	06/23/22 13:38	
Indeno(1,2,3-cd)pyrene	ug/kg	<36.2	167	06/23/22 13:38	
Isophorone	ug/kg	<25.7	167	06/23/22 13:38	
N-Nitroso-di-n-propylamine	ug/kg	<26.5	167	06/23/22 13:38	
N-Nitrosodiphenylamine	ug/kg	<44.0	167	06/23/22 13:38	
Naphthalene	ug/kg	<58.4	167	06/23/22 13:38	
Nitrobenzene	ug/kg	<33.9	167	06/23/22 13:38	
Pentachlorophenol	ug/kg	<36.8	167	06/23/22 13:38	
Phenanthrene	ug/kg	<21.4	167	06/23/22 13:38	
Phenol	ug/kg	<39.7	167	06/23/22 13:38	
Pyrene	ug/kg	<37.0	167	06/23/22 13:38	
2,4,6-Tribromophenol (S)	%	99	10-144	06/23/22 13:38	
2-Fluorobiphenyl (S)	%	90	12-118	06/23/22 13:38	
2-Fluorophenol (S)	%	86	10-130	06/23/22 13:38	
Nitrobenzene-d5 (S)	%	84	10-125	06/23/22 13:38	
Phenol-d6 (S)	%	81	10-125	06/23/22 13:38	
Terphenyl-d14 (S)	%	101	10-124	06/23/22 13:38	

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1600	96	70-130	
1,2-Dichlorobenzene	ug/kg	1670	1370	82	66-130	
1,3-Dichlorobenzene	ug/kg	1670	1380	83	66-130	
1,4-Dichlorobenzene	ug/kg	1670	1400	84	64-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1290	77	65-130	
2,4,5-Trichlorophenol	ug/kg	1670	1700	102	70-125	
2,4,6-Trichlorophenol	ug/kg	1670	1730	104	70-124	
2,4-Dichlorophenol	ug/kg	1670	1610	97	70-121	
2,4-Dimethylphenol	ug/kg	1670	1460	88	70-130	
2,4-Dinitrophenol	ug/kg	1670	1160	70	26-103	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1900	114	70-130	
2,6-Dinitrotoluene	ug/kg	1670	1840	111	70-130	
2-Chloronaphthalene	ug/kg	1670	1560	93	70-130	
2-Chlorophenol	ug/kg	1670	1430	86	67-130	
2-Methylnaphthalene	ug/kg	1670	1520	91	70-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1530	92	69-130	
2-Nitroaniline	ug/kg	1670	1520	91	70-124	
2-Nitrophenol	ug/kg	1670	1800	108	70-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1450	87	70-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1840	110	48-112	
3-Nitroaniline	ug/kg	1670	1620	97	57-121	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1480	89	59-115	
4-Bromophenylphenyl ether	ug/kg	1670	1520	91	70-130	
4-Chloro-3-methylphenol	ug/kg	1670	1570	94	70-130	
4-Chloroaniline	ug/kg	1670	1410	85	45-130	4q
4-Chlorophenylphenyl ether	ug/kg	1670	1700	102	70-130	
4-Nitroaniline	ug/kg	1670	1600	96	62-127	
4-Nitrophenol	ug/kg	1670	1330	80	50-126	
Acenaphthene	ug/kg	1670	1500	90	70-130	
Acenaphthylene	ug/kg	1670	1550	93	70-130	
Anthracene	ug/kg	1670	1350	81	70-130	
Benzo(a)anthracene	ug/kg	1670	1700	102	70-130	
Benzo(a)pyrene	ug/kg	1670	1610	97	70-130	
Benzo(b)fluoranthene	ug/kg	1670	1570	94	70-130	
Benzo(g,h,i)perylene	ug/kg	1670	1600	96	65-130	
Benzo(k)fluoranthene	ug/kg	1670	1550	93	70-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1370	82	70-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1260	75	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1590	96	70-130	
Butylbenzylphthalate	ug/kg	1670	1730	104	70-130	
Carbazole	ug/kg	1670	1600	96	70-130	
Chrysene	ug/kg	1670	1690	101	70-130	
Di-n-butylphthalate	ug/kg	1670	1570	94	70-130	
Di-n-octylphthalate	ug/kg	1670	1720	103	67-134	
Dibenz(a,h)anthracene	ug/kg	1670	1810	109	68-130	
Dibenzofuran	ug/kg	1670	1640	98	70-130	
Diethylphthalate	ug/kg	1670	1560	94	70-130	
Dimethylphthalate	ug/kg	1670	1550	93	70-130	
Fluoranthene	ug/kg	1670	1610	97	70-130	
Fluorene	ug/kg	1670	1500	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1720	103	67-130	
Hexachlorobenzene	ug/kg	1670	1580	95	70-130	
Hexachlorocyclopentadiene	ug/kg	1670	1510	91	54-114	
Hexachloroethane	ug/kg	1670	1280	77	64-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1760	105	63-130	
Isophorone	ug/kg	1670	1470	88	70-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1390	84	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2413893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg	1670	1520	91	70-130	
Naphthalene	ug/kg	1670	1510	90	70-130	
Nitrobenzene	ug/kg	1670	1440	87	70-130	
Pentachlorophenol	ug/kg	1670	1360	82	47-108	
Phenanthrene	ug/kg	1670	1440	86	70-130	
Phenol	ug/kg	1670	1380	83	67-130	
Pyrene	ug/kg	1670	1550	93	70-130	
2,4,6-Tribromophenol (S)	%			121	10-144	
2-Fluorobiphenyl (S)	%			100	12-118	
2-Fluorophenol (S)	%			83	10-130	
Nitrobenzene-d5 (S)	%			89	10-125	
Phenol-d6 (S)	%			81	10-125	
Terphenyl-d14 (S)	%			102	10-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2413894 2413895

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40246376011 Result	Spike Conc.	Spike Conc.	Conc.								
1,2,4-Trichlorobenzene	ug/kg	<219	1940	1940	1940	1450J	1370J	75	71	45-130		28	
1,2-Dichlorobenzene	ug/kg	<610	1940	1940	1940	1390J	1330J	72	69	45-130		29	
1,3-Dichlorobenzene	ug/kg	<268	1940	1940	1940	1450J	1280J	75	66	42-130		30	
1,4-Dichlorobenzene	ug/kg	<270	1940	1940	1940	1290J	1380J	67	71	42-130		32	
2,2'-Oxybis(1-chloropropane)	ug/kg	<500	1940	1940	1940	1290J	1240J	67	64	44-130		26	
2,4,5-Trichlorophenol	ug/kg	<342	1940	1940	1940	1120J	1150J	58	59	11-125		30	
2,4,6-Trichlorophenol	ug/kg	<296	1940	1940	1940	1150J	1240J	59	64	16-124		31	
2,4-Dichlorophenol	ug/kg	<518	1940	1940	1940	986J	1210J	51	62	19-121		29	
2,4-Dimethylphenol	ug/kg	<383	1940	1940	1940	1390J	1100J	72	57	29-130		32	
2,4-Dinitrophenol	ug/kg	<1520	1940	1940	1940	<1530	<1520	0	0	10-103		50 M1	
2,4-Dinitrotoluene	ug/kg	<277	1940	1940	1940	1440J	983J	74	51	38-130		27	
2,6-Dinitrotoluene	ug/kg	<368	1940	1940	1940	1420J	1420J	73	73	41-130		28	
2-Chloronaphthalene	ug/kg	<249	1940	1940	1940	1230J	1210J	63	63	44-130		24	
2-Chlorophenol	ug/kg	<484	1940	1940	1940	1060J	1110J	55	57	33-130		30	
2-Methylnaphthalene	ug/kg	563J	1940	1940	1940	1730J	1580J	60	52	46-130		23	
2-Methylphenol(o-Cresol)	ug/kg	<352	1940	1940	1940	1410J	1240J	73	64	30-130		30	
2-Nitroaniline	ug/kg	<552	1940	1940	1940	888J	938J	46	48	27-124		25	
2-Nitrophenol	ug/kg	<612	1940	1940	1940	1130J	1400J	58	72	10-130		27	
3&4-Methylphenol(m&p Cresol)	ug/kg	<355	1940	1940	1940	1180J	1090J	61	56	28-130		33	
3,3'-Dichlorobenzidine	ug/kg	<526	1940	1940	1940	1210J	1400J	63	72	10-112		43 CU	
3-Nitroaniline	ug/kg	<330	1940	1940	1940	835J	1110J	43	57	10-121		33	
4,6-Dinitro-2-methylphenol	ug/kg	<598	1940	1940	1940	<598	1890J	0	98	10-115		50 M1	
4-Bromophenylphenyl ether	ug/kg	<406	1940	1940	1940	1410J	1210J	73	62	40-130		25	
4-Chloro-3-methylphenol	ug/kg	<603	1940	1940	1940	1210J	1260J	62	65	30-130		29	
4-Chloroaniline	ug/kg	<319	1940	1940	1940	838J	1020J	43	53	16-130		33 4q	
4-Chlorophenylphenyl ether	ug/kg	<361	1940	1940	1940	1500J	1400J	77	72	46-130		24	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2413894			2413895							
Parameter	Units	MS		MSD		MS	MSD	MS	MSD	% Rec	Limits	Max
		40246376011	Spike	Spike	Result							
4-Nitroaniline	ug/kg	<805	1940	1940	1010J	904J	52	47	10-127		40	
4-Nitrophenol	ug/kg	<488	1940	1940	<489	<488	0	0	10-128		50	M1
Acenaphthene	ug/kg	<688	1940	1940	1860J	1780J	71	67	47-130		21	
Acenaphthylene	ug/kg	<692	1940	1940	1320J	1300J	68	67	49-130		22	
Anthracene	ug/kg	871J	1940	1940	2460	2260	82	72	46-130	8	27	
Benzo(a)anthracene	ug/kg	2260	1940	1940	4680	4690	125	125	45-130	0	24	
Benzo(a)pyrene	ug/kg	1900J	1940	1940	4160	4500	117	134	48-130	8	27	M1
Benzo(b)fluoranthene	ug/kg	2420	1940	1940	5030	5580	135	163	41-130	10	31	M1
Benzo(g,h,i)perylene	ug/kg	1450J	1940	1940	3490	3790	105	121	37-130	8	31	
Benzo(k)fluoranthene	ug/kg	952J	1940	1940	2560	3090	83	110	46-130	19	27	
bis(2-Chloroethoxy)methane	ug/kg	<522	1940	1940	1040J	1010J	54	52	38-130		26	
bis(2-Chloroethyl) ether	ug/kg	<605	1940	1940	904J	1080J	47	56	42-130		29	
bis(2-Ethylhexyl)phthalate	ug/kg	<662	1940	1940	3140	3000	162	155	39-130	4	27	M1
Butylbenzylphthalate	ug/kg	<807	1940	1940	1440J	1450J	74	75	39-130		27	
Carbazole	ug/kg	504J	1940	1940	2110	2170	83	86	44-130	3	24	
Chrysene	ug/kg	2350	1940	1940	5200	5000	147	137	44-130	4	25	M1
Di-n-butylphthalate	ug/kg	<290	1940	1940	1370J	1440J	71	75	45-130		26	
Di-n-octylphthalate	ug/kg	<436	1940	1940	2940	2780	152	144	40-134	6	27	M1
Dibenz(a,h)anthracene	ug/kg	<527	1940	1940	1790J	2180	76	97	41-130		33	
Dibenzofuran	ug/kg	268J	1940	1940	1720J	1660J	75	72	47-130		23	
Diethylphthalate	ug/kg	<321	1940	1940	1370J	1430J	71	74	46-130		24	
Dimethylphthalate	ug/kg	<252	1940	1940	1270J	1320J	65	68	47-130		24	
Fluoranthene	ug/kg	5670	1940	1940	10400	9810	245	214	50-130	6	27	M1
Fluorene	ug/kg	455J	1940	1940	2130	1960	86	78	48-130	8	25	
Hexachloro-1,3-butadiene	ug/kg	<494	1940	1940	1530J	1480J	79	76	42-130		27	
Hexachlorobenzene	ug/kg	<326	1940	1940	1380J	1280J	71	66	51-130		24	
Hexachlorocyclopentadiene	ug/kg	<459	1940	1940	<459	<459	0	1	10-114		50	M1
Hexachloroethane	ug/kg	<310	1940	1940	1290J	1240J	66	64	33-130		35	
Indeno(1,2,3-cd)pyrene	ug/kg	1500J	1940	1940	4190	4390	139	149	34-130	5	38	M1
Isophorone	ug/kg	<298	1940	1940	1200J	1240J	62	64	45-130		28	
N-Nitroso-di-n-propylamine	ug/kg	<307	1940	1940	1060J	1050J	55	54	47-130		27	
N-Nitrosodiphenylamine	ug/kg	<511	1940	1940	1190J	1370J	61	71	42-130		25	
Naphthalene	ug/kg	<678	1940	1940	1880J	1640J	72	60	48-130		24	
Nitrobenzene	ug/kg	<393	1940	1940	914J	1070J	47	55	42-130		25	
Pentachlorophenol	ug/kg	<427	1940	1940	<428	<427	16	11	10-108		50	
Phenanthrene	ug/kg	3780	1940	1940	7710	6720	202	152	50-130	14	27	M1
Phenol	ug/kg	<460	1940	1940	1030J	1040J	53	54	37-130		30	
Pyrene	ug/kg	4210	1940	1940	8410	7750	217	183	43-130	8	29	M1
2,4,6-Tribromophenol (S)	%						65	77	10-144			
2-Fluorobiphenyl (S)	%						72	65	12-118			
2-Fluorophenol (S)	%						57	45	10-130			
Nitrobenzene-d5 (S)	%						60	59	10-125			
Phenol-d6 (S)	%						50	52	10-125			
Terphenyl-d14 (S)	%						68	70	10-124			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

QC Batch: 743418 Analysis Method: EPA 537 Modified  
QC Batch Method: METHOD Analysis Description: PFAS 537 Mod Analysis Solid  
Laboratory: Pace Analytical Gulf Coast  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

METHOD BLANK: 2359743 Matrix: Solid  
Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4:2 FTS	ug/kg	<0.050	1.00	06/20/22 15:43	
6:2 Fluorotelomer sulfonate	ug/kg	<0.060	1.00	06/20/22 15:43	
8:2 FTS	ug/kg	<0.030	1.00	06/20/22 15:43	
9Cl-PF3ONS	ug/kg	<0.030	1.00	06/20/22 15:43	
11Cl-PF3OUdS	ug/kg	<0.020	1.00	06/20/22 15:43	
ADONA	ug/kg	<0.010	1.00	06/20/22 15:43	
Perfluorooctanesulfonamide	ug/kg	<0.020	1.00	06/20/22 15:43	
HFPO-DA	ug/kg	<0.140	2.00	06/20/22 15:43	
NEtFOSA	ug/kg	<0.040	1.00	06/20/22 15:43	
NEtFOSAA	ug/kg	<0.030	1.00	06/20/22 15:43	
NEtFOSE	ug/kg	<0.030	1.00	06/20/22 15:43	
NMeFOSA	ug/kg	<0.040	1.00	06/20/22 15:43	
NMeFOSAA	ug/kg	<0.020	1.00	06/20/22 15:43	
NMeFOSE	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorobutanoic acid	ug/kg	<0.040	1.00	06/20/22 15:43	
Perfluorobutanesulfonic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorodecanoic acid (S)	ug/kg	<0.040	1.00	06/20/22 15:43	
Perfluorododecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFDoS	ug/kg	<0.030	1.00	06/20/22 15:43	
PFDS	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluoroheptanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFHpS	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorohexanoic acid (S)	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorohexanesulfonic acid	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorononanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFNS	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluorooctanoic acid	ug/kg	<0.080	1.00	06/20/22 15:43	
Perfluorooctanesulfonic acid	ug/kg	<0.050	1.00	06/20/22 15:43	
Perfluoropentanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
PFPeS	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorotetradecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
Perfluorotridecanoic acid	ug/kg	<0.030	1.00	06/20/22 15:43	
Perfluoroundecanoic acid	ug/kg	<0.020	1.00	06/20/22 15:43	
d-NEtFOSA	%	43	50-150	06/20/22 15:43	MSSV12.3
d-NMeFOSA	%	45	50-150	06/20/22 15:43	MSSV12.3
d3-NMeFOSAA	%	87	50-150	06/20/22 15:43	
d5-NEtFOSAA	%	88	50-150	06/20/22 15:43	
d7-NMeFOSE	%	74	50-150	06/20/22 15:43	
d9-NEtFOSE	%	66	50-150	06/20/22 15:43	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

METHOD BLANK: 2359743

Matrix: Solid

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007, 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
M2 4:2 FTS	%	94	50-150	06/20/22 15:43	
M2 6:2 FTS	%	89	50-150	06/20/22 15:43	
M2 8:2 FTS	%	103	50-150	06/20/22 15:43	
M2PFHxDA	%	96	50-150	06/20/22 15:43	
M2PFTeDA	%	93	50-150	06/20/22 15:43	
M3HFPODA	%	101	50-150	06/20/22 15:43	
M3PFBS	%	96	50-150	06/20/22 15:43	
M3PFHxS	%	94	50-150	06/20/22 15:43	
M4PFHpA	%	92	50-150	06/20/22 15:43	
M5PFHxA	%	94	50-150	06/20/22 15:43	
M5PFPeA	%	96	50-150	06/20/22 15:43	
M6PFDA	%	100	50-150	06/20/22 15:43	
M7PFUdA	%	94	50-150	06/20/22 15:43	
M8FOSA	%	81	50-150	06/20/22 15:43	
M8PFOA	%	96	50-150	06/20/22 15:43	
M8PFOS	%	95	50-150	06/20/22 15:43	
M9PFNA	%	97	50-150	06/20/22 15:43	
MPFBA	%	97	50-150	06/20/22 15:43	
MPFD <sub>o</sub> A	%	85	50-150	06/20/22 15:43	

LABORATORY CONTROL SAMPLE: 2360082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4:2 FTS	ug/kg	0.937	1.04	110	70-130	
6:2 Fluorotelomer sulfonate	ug/kg	0.951	1.06	112	70-130	
8:2 FTS	ug/kg	0.96	1.12	117	70-130	
9Cl-PF3ONS	ug/kg	0.933	0.905J	97	70-130	
11Cl-PF3OUdS	ug/kg	0.943	0.896J	95	70-130	
ADONA	ug/kg	0.945	0.917J	97	70-130	
Perfluorooctanesulfonamide	ug/kg	1	1.05	105	70-130	
HFPO-DA	ug/kg	2	1.96J	98	70-130	
NEtFOSA	ug/kg	1	0.959J	96	70-130	
NEtFOSAA	ug/kg	1	1.05	105	70-130	
NEtFOSE	ug/kg	1	0.998J	100	70-130	
NMeFOSA	ug/kg	1	0.967J	97	70-130	
NMeFOSAA	ug/kg	1	1.05	105	70-130	
NMeFOSE	ug/kg	1	1.06	106	70-130	
Perfluorobutanoic acid	ug/kg	1	1.05	105	70-130	
Perfluorobutanesulfonic acid	ug/kg	0.887	0.928J	105	70-130	
Perfluorodecanoic acid (S)	ug/kg	1	0.975J	98	70-130	
Perfluorododecanoic acid	ug/kg	1	1.08	108	70-130	
PFDoS	ug/kg	0.97	0.861J	89	70-130	
PFDS	ug/kg	0.965	0.911J	94	70-130	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

LABORATORY CONTROL SAMPLE: 2360082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Perfluoroheptanoic acid	ug/kg	1	1.03	103	70-130	
PFHpS	ug/kg	0.953	0.977J	102	70-130	
Perfluorohexanoic acid (S)	ug/kg	1	1.02	102	70-130	
Perfluorohexanesulfonic acid	ug/kg	0.914	0.938J	103	70-130	
Perfluorononanoic acid	ug/kg	1	1.00	100	70-130	
PFNS	ug/kg	0.962	0.954J	99	70-130	
Perfluorooctanoic acid	ug/kg	1	0.979J	98	70-130	
Perfluorooctanesulfonic acid	ug/kg	0.928	0.953J	103	70-130	
Perfluoropentanoic acid	ug/kg	1	1.04	104	70-130	
PFPeS	ug/kg	0.941	0.987J	105	70-130	
Perfluorotetradecanoic acid	ug/kg	1	1.02	102	70-130	
Perfluorotridecanoic acid	ug/kg	1	1.10	110	70-130	
Perfluoroundecanoic acid	ug/kg	1	1.05	105	70-130	
d-NEtFOSA	%			88	50-150	
d-NMeFOSA	%			92	50-150	
d3-NMeFOSAA	%			82	50-150	
d5-NEtFOSAA	%			88	50-150	
d7-NMeFOSE	%			78	50-150	
d9-NEtFOSE	%			80	50-150	
M2 4:2 FTS	%			90	50-150	
M2 6:2 FTS	%			89	50-150	
M2 8:2 FTS	%			95	50-150	
M2PFHxDA	%			96	50-150	
M2PFTeDA	%			93	50-150	
M3HFPODA	%			104	50-150	
M3PFBS	%			95	50-150	
M3PFHxS	%			96	50-150	
M4PFHpA	%			92	50-150	
M5PFHxA	%			96	50-150	
M5PFPeA	%			97	50-150	
M6PFDA	%			100	50-150	
M7PFUdA	%			94	50-150	
M8FOSA	%			84	50-150	
M8PFOA	%			100	50-150	
M8PFOS	%			99	50-150	
M9PFNA	%			102	50-150	
MPFBA	%			97	50-150	
MPFDoA	%			87	50-150	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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QC Batch:	418456	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376001, 40246376002, 40246376003, 40246376004, 40246376005, 40246376006, 40246376007

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SAMPLE DUPLICATE: 2409914

Parameter	Units	40246159001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.3	9.5	2	10	

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### QUALITY CONTROL DATA

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

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QC Batch:	418854	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40246376008, 40246376009, 40246376010, 40246376011, 40246376012

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SAMPLE DUPLICATE: 2412041

Parameter	Units	40246376012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.0	26.2	3	10	

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

### 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.

### ANALYTE QUALIFIERS

- 1q This analyte's recovery was below secondary source verification limits. The results may be biased low.
- 2q Analyte was detected in the associated leach blank at a concentration of 0.0033 mg/L.
- 3q Analyte was detected in the associated leach blank at a concentration of 0.012 mg/L.
- 4q This analyte's recovery was below secondary source verification limits. The results may be biased low.
- CU The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
- 
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
- 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.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard M8FOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148802 (SP-2).

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

### ANALYTE QUALIFIERS

- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148804 (SP-4).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148809 (SP-9).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148810 (SP-10).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148811 (SP-11).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 22206148812 (SP-12).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NEtFOSA is outside the control limits for sample 2359743 (MB for HBN 743418 [LCMS/5951]). The recovery is greater than 10%.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148804 (SP-4).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148808 (SP-8).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148809 (SP-9).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148810 (SP-10).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148811 (SP-11).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 22206148812 (SP-12).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d-NMeFOSA is outside the control limits for sample 2359743 (MB for HBN 743418 [LCMS/5951]). The recovery is greater than 10%.
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d7-NMeFOSE is outside the control limits for sample 22206148808 (SP-8).

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

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### ANALYTE QUALIFIERS

- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148801 (SP-1).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148803 (SP-3).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148805 (SP-5).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148806 (SP-6).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148807 (SP-7).
- MSSV12.3 In the EPA 537 Mod Isotope Dilution analysis, the recovery for the extracted internal standard d9-NEtFOSE is outside the control limits for sample 22206148808 (SP-8).
- P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
- R1 RPD value was outside control limits.
- S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376001	SP-1	EPA 3541	418285	EPA 8082A	418286
40246376002	SP-2	EPA 3541	418285	EPA 8082A	418286
40246376003	SP-3	EPA 3541	418285	EPA 8082A	418286
40246376004	SP-4	EPA 3541	418285	EPA 8082A	418286
40246376005	SP-5	EPA 3541	418285	EPA 8082A	418286
40246376006	SP-6	EPA 3541	418443	EPA 8082A	418451
40246376007	SP-7	EPA 3541	418443	EPA 8082A	418451
40246376008	SP-8	EPA 3541	418443	EPA 8082A	418451
40246376009	SP-9	EPA 3541	418443	EPA 8082A	418451
40246376010	SP-10	EPA 3541	418443	EPA 8082A	418451
40246376011	SP-11	EPA 3541	418443	EPA 8082A	418451
40246376012	SP-12	EPA 3541	418443	EPA 8082A	418451
40246376001	SP-1	EPA 3050B	418121	EPA 6010D	418299
40246376002	SP-2	EPA 3050B	418121	EPA 6010D	418299
40246376003	SP-3	EPA 3050B	418121	EPA 6010D	418299
40246376004	SP-4	EPA 3050B	418121	EPA 6010D	418299
40246376005	SP-5	EPA 3050B	418121	EPA 6010D	418299
40246376006	SP-6	EPA 3050B	418121	EPA 6010D	418299
40246376007	SP-7	EPA 3050B	418125	EPA 6010D	418273
40246376008	SP-8	EPA 3050B	418125	EPA 6010D	418273
40246376009	SP-9	EPA 3050B	418125	EPA 6010D	418273
40246376010	SP-10	EPA 3050B	418125	EPA 6010D	418273
40246376011	SP-11	EPA 3050B	418125	EPA 6010D	418273
40246376012	SP-12	EPA 3050B	418125	EPA 6010D	418273
40246376001	SP-1	EPA 3015A	419821	EPA 6010D	419846
40246376002	SP-2	EPA 3015A	419821	EPA 6010D	419846
40246376003	SP-3	EPA 3015A	419821	EPA 6010D	419846
40246376004	SP-4	EPA 3015A	419821	EPA 6010D	419846
40246376005	SP-5	EPA 3015A	419821	EPA 6010D	419846
40246376006	SP-6	EPA 3015A	419821	EPA 6010D	419846
40246376007	SP-7	EPA 3015A	419821	EPA 6010D	419846
40246376008	SP-8	EPA 3015A	419821	EPA 6010D	419846
40246376009	SP-9	EPA 3015A	419821	EPA 6010D	419846
40246376010	SP-10	EPA 3015A	419821	EPA 6010D	419846
40246376011	SP-11	EPA 3015A	419821	EPA 6010D	419846
40246376012	SP-12	EPA 3015A	419821	EPA 6010D	419846
40246376001	SP-1	EPA 7470	420250	EPA 7470	420283
40246376002	SP-2	EPA 7470	420250	EPA 7470	420283
40246376003	SP-3	EPA 7470	420250	EPA 7470	420283
40246376004	SP-4	EPA 7470	420250	EPA 7470	420283
40246376005	SP-5	EPA 7470	420250	EPA 7470	420283
40246376006	SP-6	EPA 7470	420250	EPA 7470	420283
40246376007	SP-7	EPA 7470	420250	EPA 7470	420283
40246376008	SP-8	EPA 7470	420250	EPA 7470	420283
40246376009	SP-9	EPA 7470	420250	EPA 7470	420283
40246376010	SP-10	EPA 7470	420250	EPA 7470	420283

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL

Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376011	SP-11	EPA 7470	420250	EPA 7470	420283
40246376012	SP-12	EPA 7470	420250	EPA 7470	420283
40246376001	SP-1	EPA 7471	418735	EPA 7471	418954
40246376002	SP-2	EPA 7471	418735	EPA 7471	418954
40246376003	SP-3	EPA 7471	418735	EPA 7471	418954
40246376004	SP-4	EPA 7471	418735	EPA 7471	418954
40246376005	SP-5	EPA 7471	418736	EPA 7471	418955
40246376006	SP-6	EPA 7471	418736	EPA 7471	418955
40246376007	SP-7	EPA 7471	418736	EPA 7471	418955
40246376008	SP-8	EPA 7471	418736	EPA 7471	418955
40246376009	SP-9	EPA 7471	418736	EPA 7471	418955
40246376010	SP-10	EPA 7471	418736	EPA 7471	418955
40246376011	SP-11	EPA 7471	418736	EPA 7471	418955
40246376012	SP-12	EPA 7471	418736	EPA 7471	418955
40246376001	SP-1	EPA 3546	418886	EPA 8270E	418966
40246376002	SP-2	EPA 3546	418886	EPA 8270E	418966
40246376003	SP-3	EPA 3546	418886	EPA 8270E	418966
40246376004	SP-4	EPA 3546	418886	EPA 8270E	418966
40246376005	SP-5	EPA 3546	418886	EPA 8270E	418966
40246376006	SP-6	EPA 3546	418886	EPA 8270E	418966
40246376007	SP-7	EPA 3546	418886	EPA 8270E	418966
40246376008	SP-8	EPA 3546	418886	EPA 8270E	418966
40246376009	SP-9	EPA 3546	418886	EPA 8270E	418966
40246376010	SP-10	EPA 3546	418886	EPA 8270E	418966
40246376011	SP-11	EPA 3546	419187	EPA 8270E	419240
40246376012	SP-12	EPA 3546	419187	EPA 8270E	419240
40246376001	SP-1	EPA 5035/5030B	418383	EPA 8260	418386
40246376002	SP-2	EPA 5035/5030B	418383	EPA 8260	418386
40246376003	SP-3	EPA 5035/5030B	418383	EPA 8260	418386
40246376004	SP-4	EPA 5035/5030B	418383	EPA 8260	418386
40246376005	SP-5	EPA 5035/5030B	418383	EPA 8260	418386
40246376006	SP-6	EPA 5035/5030B	418383	EPA 8260	418386
40246376007	SP-7	EPA 5035/5030B	418383	EPA 8260	418386
40246376008	SP-8	EPA 5035/5030B	418383	EPA 8260	418386
40246376009	SP-9	EPA 5035/5030B	418383	EPA 8260	418386
40246376010	SP-10	EPA 5035/5030B	418383	EPA 8260	418386
40246376011	SP-11	EPA 5035/5030B	418361	EPA 8260	418370
40246376012	SP-12	EPA 5035/5030B	418361	EPA 8260	418370
40246376001	SP-1	METHOD	743418	EPA 537 Modified	743569
40246376002	SP-2	METHOD	743418	EPA 537 Modified	743569
40246376003	SP-3	METHOD	743418	EPA 537 Modified	743569
40246376004	SP-4	METHOD	743418	EPA 537 Modified	743569
40246376005	SP-5	METHOD	743418	EPA 537 Modified	743569
40246376006	SP-6	METHOD	743418	EPA 537 Modified	743569
40246376007	SP-7	METHOD	743418	EPA 537 Modified	743569

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 117-4124250 GP BROADWAY MILL  
Pace Project No.: 40246376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40246376008	SP-8	METHOD	743418	EPA 537 Modified	743569
40246376009	SP-9	METHOD	743418	EPA 537 Modified	743569
40246376010	SP-10	METHOD	743418	EPA 537 Modified	743569
40246376011	SP-11	METHOD	743418	EPA 537 Modified	743569
40246376012	SP-12	METHOD	743418	EPA 537 Modified	743569
40246376001	SP-1	ASTM D2974-87	418456		
40246376002	SP-2	ASTM D2974-87	418456		
40246376003	SP-3	ASTM D2974-87	418456		
40246376004	SP-4	ASTM D2974-87	418456		
40246376005	SP-5	ASTM D2974-87	418456		
40246376006	SP-6	ASTM D2974-87	418456		
40246376007	SP-7	ASTM D2974-87	418456		
40246376008	SP-8	ASTM D2974-87	418854		
40246376009	SP-9	ASTM D2974-87	418854		
40246376010	SP-10	ASTM D2974-87	418854		
40246376011	SP-11	ASTM D2974-87	418854		
40246376012	SP-12	ASTM D2974-87	418854		

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# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

*40246376*

**ALL SHADED AREAS are for LAB USE ONLY**

Company: **TECRA TECH**

Billing Information: **- SAME -**

Address: **710 AVIS Dr. St. 100 ANN ARBOR MI**

Report To: **MIKE SAVALE 48108**

Copy To:

Email To: **MIKE.SAVALE@tecratech.com**

Customer Project Name/Number: **117-4124250**

Site Collection Info/Address: **GP Broadway - State Pk**

Phone: **(810) 923-8076**

State: **WI** County/City: **Green Bay** Time Zone Collected: **[ ] PT [ ] MT [X] CT [ ] ET**

Collected By (print): **Craig Wieman**

Compliance Monitoring? **[ ] Yes [X] No**

Collected By (signature): *[Signature]*

Immediately Packed on Ice: **[X] Yes [ ] No**

Sample Disposal: **[X] Dispose as appropriate [ ] Return**

Field Filtered (if applicable): **[ ] Yes [ ] No **NA****

Rush: **[ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day**

Analysis: \_\_\_\_\_

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
SP-1	Soil	Grab	6-10-22					X
SP-2								X
SP-3								X
SP-4								X
SP-5								X
SP-6								X
SP-7								X
SP-8								X
SP-9								X
SP-10								X

Analyses			
TCLP-Metals, VOA, SVOA			
VOC (WFI List)			
PCB, SVOA, Metals, Moisture			
PFA's			

Lab Profile/Line: \_\_\_\_\_

Lab Sample Receipt Checklist:

Custody Seals Present	Intact	Y	N	NA
Custody Signatures Present		Y	N	NA
Collector Signatures Present		Y	N	NA
Bottles Intact		Y	N	NA
Correct Bottles		Y	N	NA
Sufficient Volume		Y	N	NA
Samples Received on Ice		Y	N	NA
VOA - Headspace Acceptable		Y	N	NA
USDA Regulated Soils		Y	N	NA
Samples in Holding Time		Y	N	NA
Residual Chlorine Present		Y	N	NA
Cl Strips:				
Sample pH Acceptable		Y	N	NA
pH Strips:				
Sulfide Present		Y	N	NA
Lead Acetate Strips:				

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: **Hold TCLP Pending Totals Analysis**

Type of Ice Used: **Wet** Blue Dry None  
Packing Material Used: **See SCUR 6/10/22**

SHORT HOLDS PRESENT (<72 hours): **Y N N/A**  
Lab Tracking #: **2781006**  
Samples received via: **FEDEX UPS Client Courier Pace Courier**

Lab Sample Temperature Info:  
Temp Blank Received: **Y N NA**  
Therm ID#: **116**  
Cooler 1 Temp Upon Receipt: **3.0C**  
Cooler 1 Therm Corr. Factor: **±.10C**  
Cooler 1 Corrected Temp: **3.10C**  
Comments:

Relinquished by/Company: (Signature) *[Signature]* Date/Time: **6/10/22 15:40**

Received by/Company: (Signature) *[Signature]* Date/Time: **6/10/22 15:40**

MTJL LAB USE ONLY  
Table #: \_\_\_\_\_  
Acctnum: \_\_\_\_\_  
Template: \_\_\_\_\_  
Prelogin: \_\_\_\_\_  
PM: \_\_\_\_\_  
PB: \_\_\_\_\_

Trip Blank Received: **Y N NA**  
HCL MeOH TSP Other  
Non Conformance(s): **Page 120 of 123**  
YES / NO of: **2**





**Sample Condition Upon Receipt Form (SCUR)**

Client Name: Tetra Tech

Project #: \_\_\_\_\_

**WO#: 40246376**

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-116 Type of Ice: Wet Blue Dry None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 / Corr: 2.1

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 6/10/22 Initials: MP  
 Labeled By Initials: AL

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>FCC 6/10/22 MP</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Collect times 6/10/22 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	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <u>012 except vials: "Excavation" 6/10/22 AL</u>
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>001"1000" 002"1015" 003"1030" 6/10/22</u>
-Includes date/time/ID/Analysis Matrix:		<u>004"1045" 005"1125" 006"11200" MP</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>007"11220", Not time on BR3U 6/10/22</u>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<u>008"1240" 009"1255" 010"1310" MP</u>
Pace Trip Blank Lot # (if purchased):		<u>011"1325" 012"1355" 6/10/22 MP</u>

**Client Notification/ Resolution:**

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample login

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL	GW RCL
				Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=1
SP-1 06/10/22	83-32-9	Acenaphthene	1.51 J	45,200.	NA
	120-12-7	Anthracene	2.38 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>4.0</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	71.6	100,000.	82.4
	56-55-3	Benzo(a)anthracene	6.75	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>5.82</b>	<b>2.11</b>	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	7.45	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	4.44	--	NA
	207-08-9	Benzo(k)fluoranthene	2.6 J	211.	NA
	86-74-8	Carbazole	1.33 J	NA	NA
	7440-47-3	Chromium	<b>16.1</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>7.24</b>	2,110.	<b>0.0721</b>
	132-64-9	Dibenzofuran	0.854 J	1,040.	NA
	206-44-0	Fluoranthene	15.3	30,100.	44.4389
	86-73-7	Fluorene	1.47 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	4.67	21.1	NA
	7439-92-1	Lead	<b>16.4</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	0.060	3.13	0.104
	91-20-3	Naphthalene	0.0375 J	24.1	0.3291
	1336-36-3	PCB, Total	<b>0.719</b>	0.967	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.656	0.972	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0627	1.	NA
	85-01-8	Phenanthrene	11.6	--	NA
129-00-0	Pyrene	14	22,600.	27.2727	
108-88-3	Toluene	0.0309 J	818.	0.5536	
SP-2 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0688 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.0831	22.2	0.2417
	120-12-7	Anthracene	1.03 J	<b>100,000.</b>	98.4746
	7440-38-2	Arsenic	<b>4.4</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	118	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	3.72	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>3.31</b>	<b>2.11</b>	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>4.49</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	2.34	--	NA
	207-08-9	Benzo(k)fluoranthene	1.68 J	211.	NA
	7440-43-9	Cadmium	0.30 J	985.	0.376
	86-74-8	Carbazole	0.467 J	NA	NA
	7440-47-3	Chromium	<b>26.4</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	3.91	2,110.	<b>0.0721</b>
	156-59-2	cis-1,2-Dichloroethene	0.0164 J	2,340.	0.0206
	53-70-3	Dibenz(a,h)anthracene	0.591 J	2.11	NA
	100-41-4	Ethylbenzene	0.0363 J	35.4	0.785
	206-44-0	Fluoranthene	8.52	30,100.	44.4389
	86-73-7	Fluorene	0.546 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	2.66	21.1	NA
	7439-92-1	Lead	<b>32.6</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0755 J	388.	NA
	7439-97-6	Mercury	<b>0.16</b>	3.13	<b>0.104</b>
91-20-3	Naphthalene	0.115 J	24.1	0.3291	
95-47-6	o-Xylene	0.0228 J	434.	NA	
1336-36-3	PCB, Total	<b>0.723</b>	0.967	<b>0.0047</b>	

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-2 06/10/22 (Continued)	53469-21-9	PCB-1242 (Aroclor 1242)	0.531	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.103	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0897	1.	NA
	85-01-8	Phenanthrene	4.61	--	NA
	129-00-0	Pyrene	7.6	22,600.	27.2727
	108-88-3	Toluene	0.103	818.	0.5536
SP-3 06/10/22	75-34-3	1,1-Dichloroethane	0.0222 J	22.2	0.2417
	120-12-7	Anthracene	0.439 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>5.4</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>117</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	1.56	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>1.46</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>1.87</b>	<b>21.1</b>	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	1.11	--	NA
	207-08-9	Benzo(k)fluoranthene	0.692 J	211.	NA
	7440-43-9	Cadmium	0.28 J	985.	0.376
	86-74-8	Carbazole	0.192 J	NA	NA
	7440-47-3	Chromium	<b>15.7</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>1.61</b>	2,110.	<b>0.0721</b>
	53-70-3	Dibenz(a,h)anthracene	0.286 J	2.11	NA
	132-64-9	Dibenzofuran	0.105 J	1,040.	NA
	206-44-0	Fluoranthene	3.03	30,100.	44.4389
	86-73-7	Fluorene	0.18 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	1.26	21.1	NA
	7439-92-1	Lead	<b>138</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	0.096	3.13	0.104
	91-20-3	Naphthalene	0.057 J	24.1	0.3291
	1336-36-3	PCB, Total	<b>1.35</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.774	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.486	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0853	1.	NA
	85-01-8	Phenanthrene	1.61	--	NA
129-00-0	Pyrene	2.59	22,600.	27.2727	
108-88-3	Toluene	0.055 J	818.	0.5536	
SP-4 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0372 J	219.	NA
	7440-38-2	Arsenic	<b>5.3</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>120</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.154 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.15 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.206 J	21.1	0.239
	7440-43-9	Cadmium	0.18 J	985.	0.376
	7440-47-3	Chromium	<b>22.8</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.198</b> J	2,110.	<b>0.0721</b>
	206-44-0	Fluoranthene	0.305 J	30,100.	44.4389
	7439-92-1	Lead	<b>19.2</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0439 J	388.	NA
	7439-97-6	Mercury	0.015 J	3.13	0.104
	91-20-3	Naphthalene	0.0682 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0165 J	264.	NA
	95-47-6	o-Xylene	0.0298 J	434.	NA

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-4 06/10/22 (Continued)	1336-36-3	PCB, Total	0.255	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.106	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0491 J	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.1	1.	NA
	85-01-8	Phenanthrene	0.2 J	--	NA
	129-00-0	Pyrene	0.27 J	22,600.	27.2727
	108-88-3	Toluene	0.0507 J	818.	0.5536
SP-5 06/10/22	75-34-3	1,1-Dichloroethane	0.0194 J	22.2	0.2417
	7440-38-2	Arsenic	4.0	3.	0.292
	7440-39-3	Barium	65.7	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.299 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.287 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.362 J	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	0.237 J	--	NA
	7440-47-3	Chromium	19.1	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.326 J	2,110.	0.0721
	206-44-0	Fluoranthene	0.561 J	30,100.	44.4389
	193-39-5	Indeno(1,2,3-cd)pyrene	0.229 J	21.1	NA
	7439-92-1	Lead	9.2	800.	13.5
	7439-97-6	Mercury	0.11	3.13	0.104
	1336-36-3	PCB, Total	0.702	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.545	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0957	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0613	1.	NA
	85-01-8	Phenanthrene	0.349 J	--	NA
129-00-0	Pyrene	0.559 J	22,600.	27.2727	
108-88-3	Toluene	0.024 J	818.	0.5536	
SP-6 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0255 J	219.	NA
	7440-38-2	Arsenic	20.1	3.	0.292
	7440-39-3	Barium	249	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.118 J	20.8	NA
	7440-47-3	Chromium	27	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.112 J	2,110.	0.0721
	206-44-0	Fluoranthene	0.214 J	30,100.	44.4389
	7439-92-1	Lead	8.1	800.	13.5
	179601-23-1	m&p-Xylene	0.0341 J	388.	NA
	91-20-3	Naphthalene	0.0412 J	24.1	0.3291
	95-47-6	o-Xylene	0.0271 J	434.	NA
	1336-36-3	PCB, Total	0.13	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.0769	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.0221 J	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.0313 J	1.	NA
	85-01-8	Phenanthrene	0.19 J	--	NA
	129-00-0	Pyrene	0.174 J	22,600.	27.2727
	108-88-3	Toluene	0.0308 J	818.	0.5536
SP-7 06/10/22	95-63-6	1,2,4-Trimethylbenzene	0.0388 J	219.	NA
	541-73-1	1,3-Dichlorobenzene	0.04 J	297.	0.5764
	106-46-7	1,4-Dichlorobenzene	0.0569 J	16.4	0.072
	7440-38-2	Arsenic	5.6	3.	0.292
	7440-39-3	Barium	119	100,000.	82.4



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**Soil Stockpile Characterization Detection Summary**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-7 06/10/22 (Continued)	56-55-3	Benzo(a)anthracene	0.19 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.15 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.183 J	21.1	0.239
	117-81-7	bis(2-Ethylhexyl)phthalate	0.808 J	164.	1.44
	7440-43-9	Cadmium	<b>0.50 J</b>	985.	<b>0.376</b>
	108-90-7	Chlorobenzene	0.0155 J	761.	0.0679
	7440-47-3	Chromium	<b>34.5</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.182 J</b>	2,110.	<b>0.0721</b>
	206-44-0	Fluoranthene	0.451 J	30,100.	44.4389
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	268.	NA
	7439-92-1	Lead	<b>45.9</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0416 J	388.	NA
	7439-97-6	Mercury	<b>0.22</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.115 J	24.1	0.3291
	95-47-6	o-Xylene	0.0293 J	434.	NA
	1336-36-3	PCB, Total	<b>5.89</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>5.56</b>	<b>0.972</b>	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.33	1.	NA
	85-01-8	Phenanthrene	0.44 J	--	NA
	129-00-0	Pyrene	0.397 J	22,600.	27.2727
7440-22-4	Silver	<b>0.80 J</b>	5,840.	<b>0.4245</b>	
108-88-3	Toluene	0.0339 J	818.	0.5536	
SP-8 06/10/22	71-55-6	1,1,1-Trichloroethane	<b>0.105</b>	640.	<b>0.0701</b>
	75-34-3	1,1-Dichloroethane	0.0963	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0433 J	219.	NA
	108-67-8	1,3,5-Trimethylbenzene	0.0315 J	182.	NA
	120-12-7	Anthracene	0.267 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>39.8</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>131</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.605 J	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>0.523 J</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>0.638 J</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	0.405 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.271 J	211.	NA
	7440-43-9	Cadmium	0.37 J	985.	0.376
	7440-47-3	Chromium	<b>26.5</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.667 J</b>	2,110.	<b>0.0721</b>
	100-41-4	Ethylbenzene	0.0646 J	35.4	0.785
	206-44-0	Fluoranthene	1.49	30,100.	44.4389
	86-73-7	Fluorene	0.112 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	0.4 J	21.1	NA
	7439-92-1	Lead	<b>75.7</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.102 J	388.	NA
	7439-97-6	Mercury	<b>0.27</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0461 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.027 J	264.	NA
	95-47-6	o-Xylene	0.031 J	434.	NA
	1336-36-3	PCB, Total	<b>1.38</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.00</b>	<b>0.972</b>	NA
11097-69-1	PCB-1254 (Aroclor 1254)	0.25	0.988	NA	

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-8 06/10/22 (Continued)	11096-82-5	PCB-1260 (Aroclor 1260)	0.123	1.	NA
	85-01-8	Phenanthrene	0.811 J	--	NA
	99-87-6	p-Isopropyltoluene	0.0246 J	162.	NA
	129-00-0	Pyrene	1.11	22,600.	27.2727
	127-18-4	Tetrachloroethene	<b>0.0596 J</b>	145.	<b>0.0023</b>
	108-88-3	Toluene	0.192	818.	0.5536
	79-01-6	Trichloroethene	<b>0.0535 J</b>	8.41	<b>0.0018</b>
SP-9 06/10/22	71-55-6	1,1,1-Trichloroethane	<b>0.102</b>	640.	<b>0.0701</b>
	75-34-3	1,1-Dichloroethane	0.131	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0648 J	219.	NA
	95-50-1	1,2-Dichlorobenzene	0.0298 J	376.	0.584
	108-67-8	1,3,5-Trimethylbenzene	0.0373 J	182.	NA
	120-12-7	Anthracene	0.151 J	100,000.	98.4746
	7440-38-2	Arsenic	<b>8.1</b>	<b>3.</b>	<b>0.292</b>
	7440-39-3	Barium	<b>161</b>	100,000.	<b>82.4</b>
	56-55-3	Benzo(a)anthracene	0.525 J	20.8	NA
	50-32-8	Benzo(a)pyrene	<b>0.472 J</b>	2.11	<b>0.235</b>
	205-99-2	Benzo(b)fluoranthene	<b>0.573 J</b>	21.1	<b>0.239</b>
	191-24-2	Benzo(g,h,i)perylene	0.366 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.201 J	211.	NA
	117-81-7	bis(2-Ethylhexyl)phthalate	0.863	164.	1.44
	7440-43-9	Cadmium	<b>0.41 J</b>	985.	<b>0.376</b>
	7440-47-3	Chromium	<b>29.3</b>	<b>6.36</b>	180,000. No Cr-VI
	218-01-9	Chrysene	<b>0.574 J</b>	2,110.	<b>0.0721</b>
	156-59-2	cis-1,2-Dichloroethene	0.0169 J	2,340.	0.0206
	100-41-4	Ethylbenzene	0.0629 J	35.4	0.785
	206-44-0	Fluoranthene	1.16	30,100.	44.4389
	193-39-5	Indeno(1,2,3-cd)pyrene	0.354 J	21.1	NA
	98-82-8	Isopropylbenzene (Cumene)	0.0231 J	268.	NA
	7439-92-1	Lead	<b>38</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0722 J	388.	NA
	7439-97-6	Mercury	<b>0.19</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0661 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0221 J	264.	NA
	95-47-6	o-Xylene	0.0276 J	434.	NA
	1336-36-3	PCB, Total	<b>1.57</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.17</b>	<b>0.972</b>	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.206	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.197	1.	NA
	85-01-8	Phenanthrene	0.72 J	--	NA
99-87-6	p-Isopropyltoluene	0.0511 J	162.	NA	
129-00-0	Pyrene	1.03	22,600.	27.2727	
135-98-8	sec-Butylbenzene	0.0215 J	145.	NA	
127-18-4	Tetrachloroethene	<b>0.057 J</b>	145.	<b>0.0023</b>	
108-88-3	Toluene	0.198	818.	0.5536	
SP-10 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0533 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.115	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0368 J	219.	NA
	91-57-6	2-Methylnaphthalene	0.36 J	3,010.	NA
	120-12-7	Anthracene	0.138 J	100,000.	98.4746

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 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL	GW RCL
				Not-To-Exceed D-C RCL (mg/kg)	RCL-gw (mg/kg) DF=1
SP-10 06/10/22 (Continued)	7440-38-2	Arsenic	9.6	3.	0.292
	7440-39-3	Barium	182	100,000.	82.4
	56-55-3	Benzo(a)anthracene	0.399 J	20.8	NA
	50-32-8	Benzo(a)pyrene	0.403 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	0.5 J	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	0.27 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.188 J	211.	NA
	117-81-7	bis(2-Ethylhexyl)phthalate	0.715 J	164.	1.44
	7440-43-9	Cadmium	0.36 J	985.	0.376
	7440-47-3	Chromium	23.8	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	0.412 J	2,110.	0.0721
	100-41-4	Ethylbenzene	0.0365 J	35.4	0.785
	206-44-0	Fluoranthene	0.942	30,100.	44.4389
	86-73-7	Fluorene	0.114 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	0.298 J	21.1	NA
	98-82-8	Isopropylbenzene (Cumene)	0.0205 J	268.	NA
	7439-92-1	Lead	31.7	800.	13.5
	179601-23-1	m&p-Xylene	0.077 J	388.	NA
	7439-97-6	Mercury	0.17	3.13	0.104
	91-20-3	Naphthalene	0.145 J	24.1	0.3291
	103-65-1	n-Propylbenzene	0.0281 J	264.	NA
	95-47-6	o-Xylene	0.023 J	434.	NA
	1336-36-3	PCB, Total	0.967	0.967	0.0047
	53469-21-9	PCB-1242 (Aroclor 1242)	0.65	0.972	NA
	11097-69-1	PCB-1254 (Aroclor 1254)	0.222	0.988	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.095	1.	NA
	85-01-8	Phenanthrene	0.663 J	--	NA
	129-00-0	Pyrene	0.784	22,600.	27.2727
135-98-8	sec-Butylbenzene	0.0551 J	145.	NA	
127-18-4	Tetrachloroethene	0.0362 J	145.	0.0023	
108-88-3	Toluene	0.0709	818.	0.5536	
SP-11 06/10/22	71-55-6	1,1,1-Trichloroethane	0.0454 J	640.	0.0701
	75-34-3	1,1-Dichloroethane	0.0347 J	22.2	0.2417
	95-63-6	1,2,4-Trimethylbenzene	0.0262 J	219.	NA
	91-57-6	2-Methylnaphthalene	0.563 J	3,010.	NA
	120-12-7	Anthracene	0.871 J	100,000.	98.4746
	7440-38-2	Arsenic	6.1	3.	0.292
	7440-39-3	Barium	120	100,000.	82.4
	56-55-3	Benzo(a)anthracene	2.26	20.8	NA
	50-32-8	Benzo(a)pyrene	1.9 J	2.11	0.235
	205-99-2	Benzo(b)fluoranthene	2.42	21.1	0.239
	191-24-2	Benzo(g,h,i)perylene	1.45 J	--	NA
	207-08-9	Benzo(k)fluoranthene	0.952 J	211.	NA
	7440-43-9	Cadmium	0.34 J	985.	0.376
	86-74-8	Carbazole	0.504 J	NA	NA
	7440-47-3	Chromium	19.9	6.36	180,000. No Cr-VI
	218-01-9	Chrysene	2.35	2,110.	0.0721
	132-64-9	Dibenzofuran	0.268 J	1,040.	NA
	100-41-4	Ethylbenzene	0.0514 J	35.4	0.785
	206-44-0	Fluoranthene	5.67	30,100.	44.4389

**Table 1**  
**Soil Stockpile Characterization Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/kg)	Industrial DC RCL Not-To-Exceed D-C RCL (mg/kg)	GW RCL RCL-gw (mg/kg) DF=1
SP-11 06/10/22 (Continued)	86-73-7	Fluorene	0.455 J	30,100.	7.415
	193-39-5	Indeno(1,2,3-cd)pyrene	1.5	21.1	NA
	7439-92-1	Lead	<b>31</b>	800.	<b>13.5</b>
	179601-23-1	m&p-Xylene	0.0692 J	388.	NA
	7439-97-6	Mercury	<b>0.18</b>	3.13	<b>0.104</b>
	91-20-3	Naphthalene	0.0586 J	24.1	0.3291
	95-47-6	o-Xylene	0.0317 J	434.	NA
	1336-36-3	PCB, Total	<b>1.79</b>	<b>0.967</b>	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	<b>1.56</b>	<b>0.972</b>	NA
	11096-82-5	PCB-1260 (Aroclor 1260)	0.235	1.	NA
	85-01-8	Phenanthrene	3.78	--	NA
	129-00-0	Pyrene	4.21	22,600.	27.2727
108-88-3	Toluene	0.121	818.	0.5536	
SP-12 06/10/22	7440-38-2	Arsenic	<b>2.2 J</b>	3.	<b>0.292</b>
	7440-39-3	Barium	61.5	100,000.	82.4
	7440-43-9	Cadmium	0.34 J	985.	0.376
	7440-47-3	Chromium	<b>19.9</b>	<b>6.36</b>	180,000. No Cr-VI
	7439-92-1	Lead	<b>29.9</b>	800.	<b>13.5</b>
	7439-97-6	Mercury	<b>0.19</b>	3.13	<b>0.104</b>
	1336-36-3	PCB, Total	<b>0.451</b>	0.967	<b>0.0047</b>
	53469-21-9	PCB-1242 (Aroclor 1242)	0.451	0.972	NA

Notes:

mg/kg = milligrams per kilogram.

Table reflects analytical data comparison to NR 720 RR Soil RCL Worksheets.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

-- = No value on WDNR RCL table.

NA = not available, parameter not on NR 720 RR Soil RCL Worksheets.

\*RCLs calculated using EPA RSL calculator (hazard quotient 1, target risk 10<sup>-4</sup>, soil to groundwater, chronic).

Chromium results compared to Chromium (VI) values for Industrial DC RCL.

Chromium results compared to Chromium (total) values for GW RCL (No Chromium VI values).

Explanations of criteria and acronyms shown in this table can be found in the NR 720 RR Soil RCL Worksheets.

CAS # = Chemical Abstract Service Registry Number

DC (or D-C) = Direct Contact

RCL = Soil Residual Contaminant Level

GW = Groundwater

DF = Dilution Factor

**Table 2**  
**Soil Stockpile Characterization PFAS Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result	Industrial DC RCL Not-To-Exceed D-C RCL (µg/kg)	Calculated GW RCL* (µg/kg)
SP-1 06/10/22	2991-50-6	NEtFOSAA	0.757 J	NA	NA
	1691-99-2	NEtFOSE	0.094 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.025 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.048 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.035 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.936 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.160 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.045 J	NA	NA
SP-2 06/10/22	27619-97-2	6:2 Fluorotelomer sulfonate	0.148 J	NA	NA
	2991-50-6	NEtFOSAA	0.766 J	NA	NA
	1691-99-2	NEtFOSE	0.041 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.032 J	NA	NA
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.041 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.937 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.202 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.032 J	NA	NA
SP-3 06/10/22	4151-50-2	NEtFOSA	0.053 J	NA	NA
	2991-50-6	NEtFOSAA	1.16	NA	NA
	1691-99-2	NEtFOSE	0.461 J	NA	NA
	2355-31-9	NMeFOSAA	0.025 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.046 J	NA	NA
	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.038 J	NA	0.167
	375-95-1	Perfluorononanoic acid (PFNA)	0.057 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.163 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>3.44</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.297 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.047 J	NA	NA
	375-92-8	PFHpS	0.026 J	NA	NA
SP-4 06/10/22	2991-50-6	NEtFOSAA	0.878 J	NA	NA
	1691-99-2	NEtFOSE	0.083 J	NA	NA
	2355-31-9	NMeFOSAA	0.027 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.026 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.035 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.084 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.48</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.28 J	16,400	0.915
SP-5 06/10/22	2991-50-6	NEtFOSAA	0.991 J	NA	NA
	1691-99-2	NEtFOSE	0.070000 J	NA	NA
	2355-31-9	NMeFOSAA	0.034 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.047 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.067 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.055 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>2.02</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.353 J	16,400	0.915
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.049 J	NA	NA
SP-6 06/10/22	2991-50-6	NEtFOSAA	0.129 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.226 J</b>	16.4	<b>0.038</b>
SP-7 06/10/22	2991-50-6	NEtFOSAA	2.37	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.521 J</b>	16,400	<b>0.038</b>
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.091 J	NA	NA

**Table 2**  
**Soil Stockpile Characterization PFAS Detection Summary**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result	Industrial DC RCL Not-To-Exceed D-C RCL (µg/kg)	Calculated GW RCL* (µg/kg)
SP-8 06/10/22	2991-50-6	NEtFOSAA	2.01	NA	NA
	1691-99-2	NEtFOSE	0.117 J	NA	NA
	2355-31-9	NMeFOSAA	0.036 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.027 J	NA	NA
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.044 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.01 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.161 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.038 J	NA	NA	
SP-9 06/10/22	2991-50-6	NEtFOSAA	1.92	NA	NA
	1691-99-2	NEtFOSE	0.043 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.044 J	NA	NA
	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.042 J	NA	0.167
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.034 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.978 J</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.243 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.061 J	NA	NA	
SP-10 06/10/22	2991-50-6	NEtFOSAA	0.923 J	NA	NA
	1691-99-2	NEtFOSE	0.094 J	NA	NA
	2355-31-9	NMeFOSAA	0.023 J	NA	NA
	375-85-9	Perfluoroheptanoic acid (PFHpA)	0.023 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.021 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.043 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.07</b>	16,400	<b>0.038</b>
335-67-1	Perfluorooctanoic acid (PFOA)	0.154 J	16,400	0.915	
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.026 J	NA	NA	
SP-11 06/10/22	2991-50-6	NEtFOSAA	2.44	NA	NA
	1691-99-2	NEtFOSE	0.063 J	NA	NA
	375-95-1	Perfluorononanoic acid (PFNA)	0.028 J	NA	0.247
	754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.034 J	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>1.17</b>	16,400	<b>0.038</b>
	335-67-1	Perfluorooctanoic acid (PFOA)	0.135 J	16,400	0.915
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.041 J	NA	NA	
SP-12 06/10/22	4151-50-2	NEtFOSA	0.061 J	NA	NA
	2991-50-6	NEtFOSAA	1.63	NA	NA
	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	<b>0.108 J</b>	16,400	<b>0.038</b>
	2706-90-3	Perfluoropentanoic acid (PFPeA)	0.042 J	NA	NA

Notes:

µg/kg = micrograms per kilogram.

Table reflects analytical data comparison to NR 720 RR Soil RCL Worksheets.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

Explanations of criteria and acronyms shown in this table can be found in the NR 720 RR Soil RCL Worksheets.

NA = not available, parameter not on NR 720 RR Soil RCL Worksheets; for calculated RCL, parameter not on EPA RSL table.

CAS # = Chemical Abstract Service Registry Number

DC (or D-C) = Direct Contact, RCL = Soil Residual Contaminant Level

GW = Groundwater

DF = Dilution Factor

RSL = Regional Screening Level (EPA)

\*RCLs calculated using EPA RSL calculator (hazard quotient 1, target risk 10<sup>-4</sup>, soil to groundwater, chronic).

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-1 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.43</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.011</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.028 J</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-2 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.39</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.0063 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.012 J</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-3 06/10/22	7440-38-2	Arsenic	<0.017	0.010
	7440-39-3	Barium	<b>0.61</b>	2.000
	7440-43-9	Cadmium	<b>0.0055 J</b>	0.005
	7440-47-3	Chromium	<0.0051	0.100
	7440-50-8	Copper	<b>5.3</b>	1.300
	7439-92-1	Lead	<b>0.038 J</b>	0.015
	7440-02-0	Nickel	<b>0.043</b>	0.100
	7782-49-2	Selenium	<0.024	0.050
	7440-22-4	Silver	<0.0064	0.050
	7440-66-6	Zinc	<b>0.37</b>	--
	7439-97-6	Mercury	<0.000066	0.002

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
 Georgia-Pacific Broadway Mill  
 Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-4 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.24</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.0071 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<0.012	--
7439-97-6	Mercury	<0.000066	0.002	
SP-5 06/10/22	7440-38-2	Arsenic	<b>0.0093 J</b>	0.010
	7440-39-3	Barium	<b>0.47</b>	2.000
	7440-43-9	Cadmium	<b>0.0014 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0037 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.015</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.036 J</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-6 06/10/22	7440-38-2	Arsenic	<b>0.012 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.39</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0067 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.018</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<0.012	--
7439-97-6	Mercury	<0.000066	0.002	



**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-7 06/10/22	7440-38-2	Arsenic	<b>0.010 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>1.1</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0037 J</b>	1.300
	7439-92-1	Lead	<b>0.0075 J</b>	0.015
	7440-02-0	Nickel	<b>0.037</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.21</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-8 06/10/22	7440-38-2	Arsenic	<b>0.011 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.44</b>	2.000
	7440-43-9	Cadmium	<b>0.0035 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0078 J</b>	1.300
	7439-92-1	Lead	<b>0.0061 J</b>	0.015
	7440-02-0	Nickel	<b>0.032</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.12</b>	--
	7439-97-6	Mercury	<0.000066	0.002
SP-9 06/10/22	7440-38-2	Arsenic	<b>0.013 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.55</b>	2.000
	7440-43-9	Cadmium	<b>0.0024 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0071 J</b>	1.300
	7439-92-1	Lead	<b>0.0099 J</b>	0.015
	7440-02-0	Nickel	<b>0.029</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.098</b>	--
	7439-97-6	Mercury	<b>0.19</b>	0.002

**Table 3**  
**Soil Stockpile Characterization**  
**Metals TCLP Results**  
Georgia-Pacific Broadway Mill  
Green Bay, Wisconsin

Sample ID & Date	CAS#	Parameter	Result (mg/l)	NR 140 Groundwater Quality Enforcement Standard (mg/l)
SP-10 06/10/22	7440-38-2	Arsenic	<0.0083	0.010
	7440-39-3	Barium	<b>0.6</b>	2.000
	7440-43-9	Cadmium	<0.0013	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<b>0.0044 J</b>	1.300
	7439-92-1	Lead	<0.0059	0.015
	7440-02-0	Nickel	<b>0.023</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.049</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-11 06/10/22	7440-38-2	Arsenic	<b>0.018 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>0.68</b>	2.000
	7440-43-9	Cadmium	<b>0.0045 J</b>	0.005
	7440-47-3	Chromium	<0.0051	0.100
	7440-50-8	Copper	<b>0.021</b>	1.300
	7439-92-1	Lead	<0.012	0.015
	7440-02-0	Nickel	<b>0.045</b>	0.100
	7782-49-2	Selenium	<0.024	0.050
	7440-22-4	Silver	<0.0064	0.050
	7440-66-6	Zinc	<b>0.23</b>	--
7439-97-6	Mercury	<0.000066	0.002	
SP-12 06/10/22	7440-38-2	Arsenic	<b>0.016 J</b>	<b>0.010</b>
	7440-39-3	Barium	<b>1.7</b>	2.000
	7440-43-9	Cadmium	<b>0.0014 J</b>	0.005
	7440-47-3	Chromium	<0.0025	0.100
	7440-50-8	Copper	<0.0034	1.300
	7439-92-1	Lead	0.11	0.015
	7440-02-0	Nickel	<b>0.0049 J</b>	0.100
	7782-49-2	Selenium	<0.012	0.050
	7440-22-4	Silver	<0.0032	0.050
	7440-66-6	Zinc	<b>0.16</b>	--
7439-97-6	Mercury	<0.000066	0.002	

Notes:

mg/l = milligrams per liter.

Table reflects analytical data comparison to NR 140 Groundwater Quality Enforcement Standards.

Table only includes analytical results above the laboratory method detection limits.

Blue shading indicates exceedance of WDNR RCL.

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

-- = No NR 140 Groundwater Quality Enforcement Standard Available.

CAS # = Chemical Abstract Service Registry Number