



**Supplemental Site Investigation Report - **ADDENDUM****  
**Ashview Terrace Apartments Site**  
**Ashwaubenon, Brown County, Wisconsin**

*Submitted To:*

**Georgia Pacific Corporation**  
**133 Peachtree Street NE, 9<sup>th</sup> Floor**  
**Atlanta, GA 30303**

*Submitted By:*

**Amec Foster Wheeler Environment & Infrastructure, Inc.**  
**800 Marquette Avenue, Suite 1200**  
**Minneapolis, Minnesota 55402**

**January 2018**

**Amec Foster Wheeler Project No. 7311150004**

January 10, 2018

Mr. Paul Montney  
Georgia Pacific Corporation  
133 Peachtree Street NE, 9th Floor  
Atlanta, GA 30303

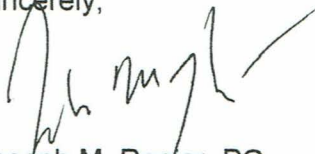
**Re: Supplemental Site Investigation Report - **ADDENDUM****  
**Ashview Terrace Apartments Site, Ashwaubenon, Brown County, Wisconsin**  
**WDNR Site # 02-05-564043**  
**Amec Foster Wheeler Project No. 7311150004**

Dear Mr. Montney;

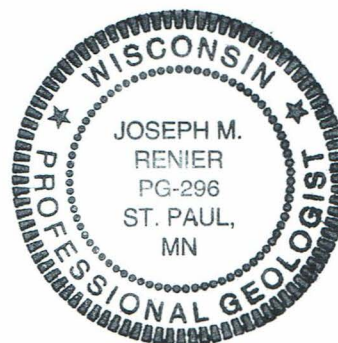
Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this Supplemental Site Investigation (SSI) Report - **ADDENDUM** for activities conducted at the Ashview Terrace Apartments Site in Ashwaubenon, Wisconsin. The Ashview Terrace Apartments Site is being investigated under the Wisconsin Department of Natural Resources (WDNR) Site # 02-05-564043.

We appreciate the opportunity to assist you on this project. If you have any questions or concerns, please do not hesitate to contact us as identified below.

Sincerely,



Joseph M. Renier, PG  
Project Manager  
320-963-5742  
Joe.renier@amecfw.com





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## 1.0 INTRODUCTION

This document presents the results of a shallow hand auger soil boring investigation conducted in December 2017 on the north property boundary of the Ashview Terrace Apartments (ATA) site (the Site) in Ashwaubenon Wisconsin for Georgia Pacific, LLC (GP). The investigation involved the installation and soil sampling of two hand auger borings. Soil samples collected were tested for polychlorinated biphenyls (PCBs).

This report is an addendum to the Supplemental Site Investigation (SSI) Report (AMEC Foster Wheeler, January 2018) which documented an SSI conducted by AMEC Foster Wheeler Environment and Infrastructure (AMEC Foster Wheeler) at the Site during August 2017.

The Site is located at 988-1020 Willard Drive, in the city of Ashwaubenon, Brown County, Wisconsin. A site location map is provided as Figure 1. The Site encompasses approximately 3.4 acres, located north of Willard Drive and the Ashwaubenon High School (Figure 2). The Site is being investigated under the Wisconsin Department of Natural Resources (WDNR) Site # 02-05-564043.

The SSI included a shallow soil and groundwater investigation to further delineate polychlorinated biphenyls (PCBs) and Resource Conservation and Recovery Act (RCRA) Metals in shallow soils and groundwater beneath the Site. Additional testing for volatile organic compounds (VOCs) and poly-nuclear aromatic hydrocarbons (PAHs) were also conducted. The SSI included installing and sampling four soil borings and one temporary monitoring well. Three of the borings were completed along the northern border of the Site, one boring was installed on the west side of the garage in the west-central portion of the Site and the temporary well was installed and sampled on the southeast corner of the Site (Figure 3).

The SSI showed that fill deposited in the former borrow pit that previously occupied the Site area thins to 0 ft to 5 ft below ground surface (bgs) along the northern Site border and that PCBs at levels of concern are present at one boring location (SB17-02) at the north-central Site border in the top two feet (ft) of soil. RCRA Metals were not detected above soil criteria other than the Soil to Groundwater Residual Contaminant Levels (RCLs). This also occurred at SB17-02, however, these concentrations are low and are not considered a concern. Analytical results from the soil boring completed at the west end of the garage showed no detections of PCBs, RCRA Metals, VOCs or PAHs at levels of concern below the fill at this location, and groundwater analytical results from the temporary well at the southeast corner of the Site was not impacted by PCBs, RCRA Metals, VOCs or PAHs at levels of concern.

Following completion of the SSI, representatives from GP, Amec Foster Wheeler, and the WDNR met to discuss the SSI investigation results. During this meeting, which occurred on December 13, 2017, the WDNR requested additional hand auger soil sampling be performed between the

northern Site property line and the one location (SB17-02) that had PCB impacts at levels of concern in the top two ft of soil near the north-central Site border. The purpose of this sampling was to determine if the PCB impacts of concern terminate south of the Site property line. These samples were collected (via hand augering) during the following week on December 20, 2017. Analytical results of the hand auger sampling effort are presented in this addendum to the SSI Report.

## 2.0 INVESTIGATION ACTIVITIES

In response to the WDNR request for additional soil borings at the north Site Border, AMEC Foster Wheeler conducted two hand auger borings immediately north of soil boring SB17-02 on December 20, 2017. These two borings were designated SB17-06 and SB17-07 and were completed to depths of 2.9 and 3.7 ft below ground surface (bgs), respectively. SB17-07 was located on the surveyed north property line approximately 6.6 ft north of SB17-02, and SB17-06 was completed half the distance between SB17-02 and SB17-07 (Figure 4).

A soil sample was collected from each boring at depths of 1.9 to 2.9 ft bgs in SB17-06 and 2.7 to 3.7 ft bgs at SB17-07. Based on ground surface elevation differences between borings, these samples were collected at the equivalent elevation to the soil sample collected from SB17-02 that contained PCBs at levels above soil criteria. The sample collected from SB17-06 and a duplicate sample were analyzed for PCBs (EPA method 8082 w/ 3541 preparation) by the Pace Analytical Services Laboratory in Green Bay Wisconsin and the sample collected from SB17-07 was submitted but held for analysis pending receipt of analytical results from SB17-06.

IDW generated during this investigation included soil boring cuttings, equipment decontamination water and used PPE. Soil cuttings were re-introduced into the hand auger bore holes and decontamination water was discharged to the ground surface adjacent the referenced borings (which was approved by the WDNR).

Used PPE (i.e., sampling gloves, trash etc.) were decontaminated to the extent possible and placed in a plastic garbage bag and disposed of as municipal waste in a dumpster at the Site.

### **3.0 PRESENTATION OF RESULTS**

#### **Subsurface Materials**

Subsurface materials encountered at the hand auger borings included silty sand at SB17-06 and silty sand and gravely sand/sandy gravel at SB17-07. At 9 to 12 inches bgs in SB17-06 some grey clay (possibly paper sludge) was observed in silty sand, however this layer was not encountered at SB17-07.

#### **Analytical Results**

The analytical results obtained from SB17-06 are provided on Figure 4. PCBs were not detected in the SB17-06 sample and therefore it is concluded that PCB impacts noted from 1 to 2 ft bgs in SB17-02 terminate on-Site between SB17-02 and SB17-06. Since there was no detection of PCBs in SB17-06 it was not necessary to analyze the soil sample collected from SB17-07. The laboratory analytical report is included in Appendix A.

## **4.0 CONCLUSIONS**

Based on the results of the SSI and previous investigations, Amec Foster Wheeler had concluded that the fill extent and soil and groundwater quality at the Site have been adequately defined with the exception of PCBs north of one location along the north-central Site border (SB17-02) in the top 2 ft of soil. As noted in Section 1.0, following completion of the SSI, representatives from GP, Amec Foster Wheeler, and the WDNR met to discuss the SSI investigation results. During this meeting, the WDNR requested additional hand auger soil sampling be performed between the northern Site property line and Boring SB17-02 to determine if the PCB impacts at levels of concern terminate south of the Site property line. These samples were collected on December 20, 2017. Analytical results of the hand auger sampling effort show that PCB impacts terminate between the SB17-02 location and the north Site property line. Therefore, the fill extent and soil and groundwater quality at the Site have been adequately defined

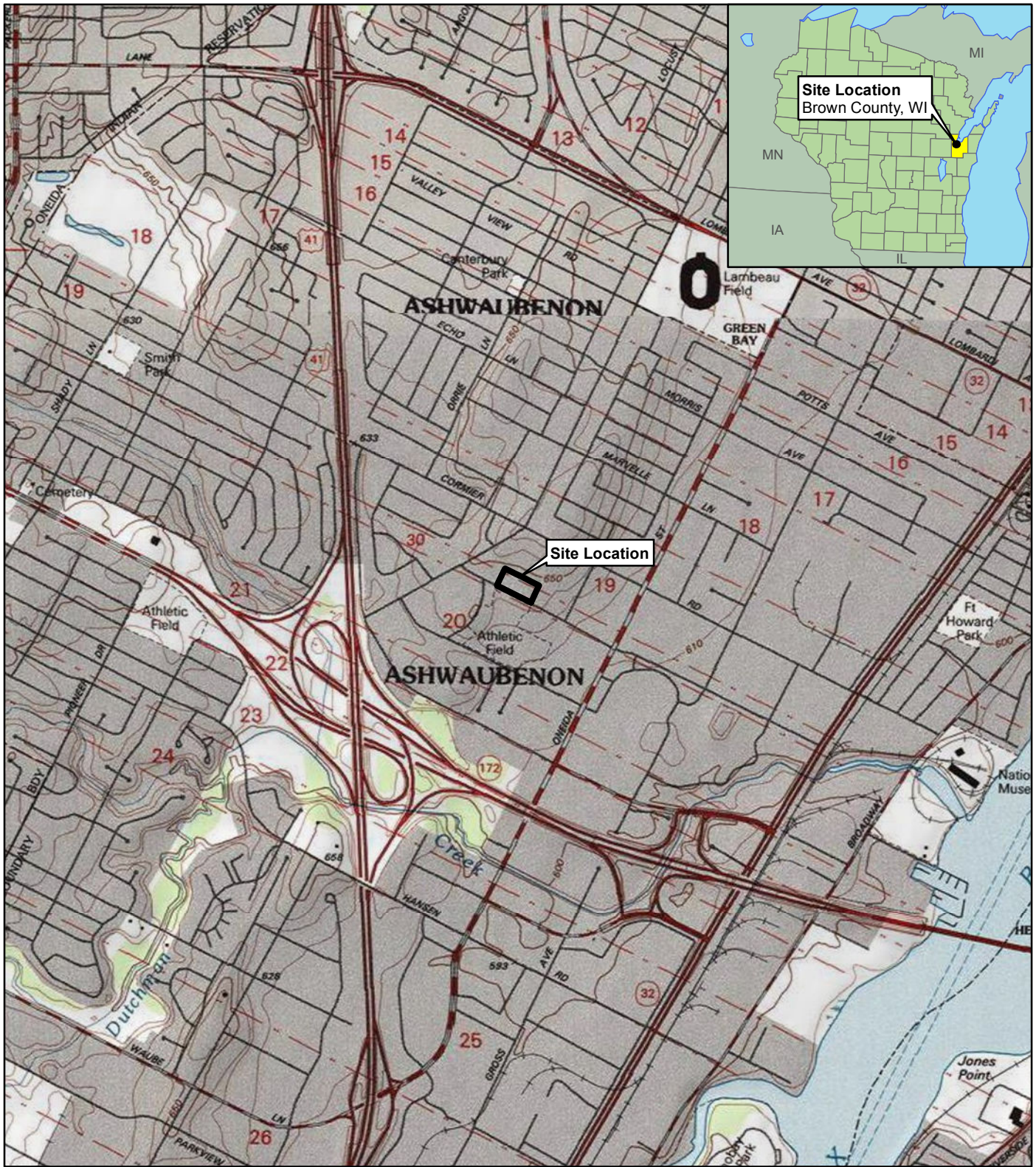


## **5.0 REFERENCES**


Amec Foster Wheeler, January 2018. Supplemental Site Investigation Report, Ashview Terrace Apartments Site, Ashwaubenon, Brown County, WI.

Amec Foster Wheeler, June 2017. Site Investigation Report, Ashview Terrace Apartments Site, Ashwaubenon, Brown County, WI.

## FIGURES

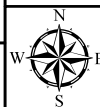
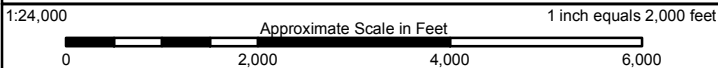


**Legend**

 Approximate Site Boundary

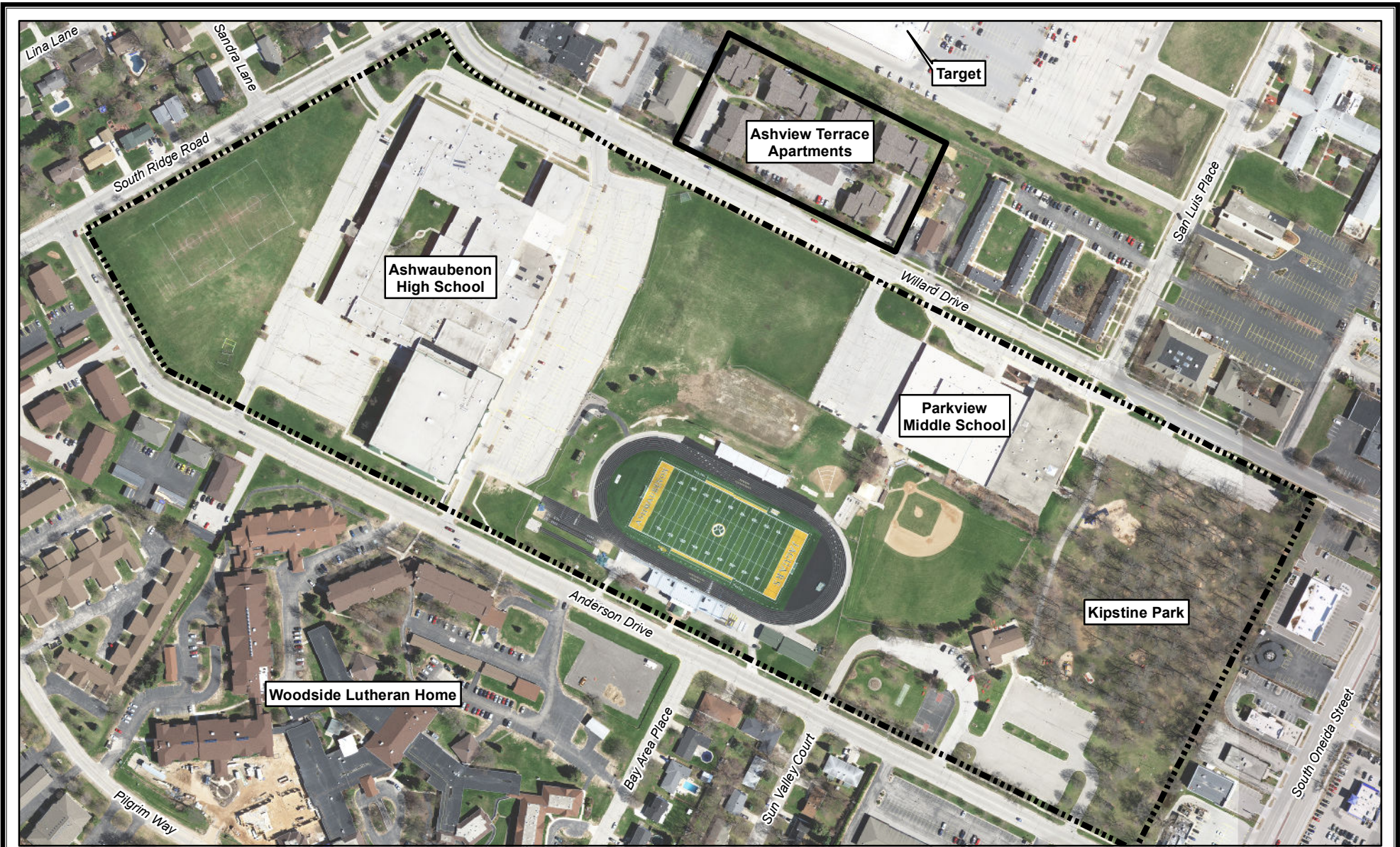
**SITE LOCATION MAP**  
 Supplemental Site Investigation Report Addendum  
 Ashview Terrace Apartments Site  
 Ashwaubenton, Brown County, Wisconsin



Note: 1:24k Topos courtesy of ESRI  
 (De Pere and Green Bay West Quadrangles)



Date: 01/11/2018	Project No. 7311150004
Drawn: MJV	Figure: <b>1</b>
Checked: JMR	







- Legend**
-  Ashview Terrace Apartments Site
  -  Ashwaubenon High School / Kipstine Park Sites

**SITE FEATURES MAP**  
 Supplemental Site Investigation  
 Report Addendum  
 Ashview Terrace Apartments Site  
 Ashwaubenon, Brown County, Wisconsin

Note: Imagery courtesy of Brown County Planning & Land Services (May 2014)

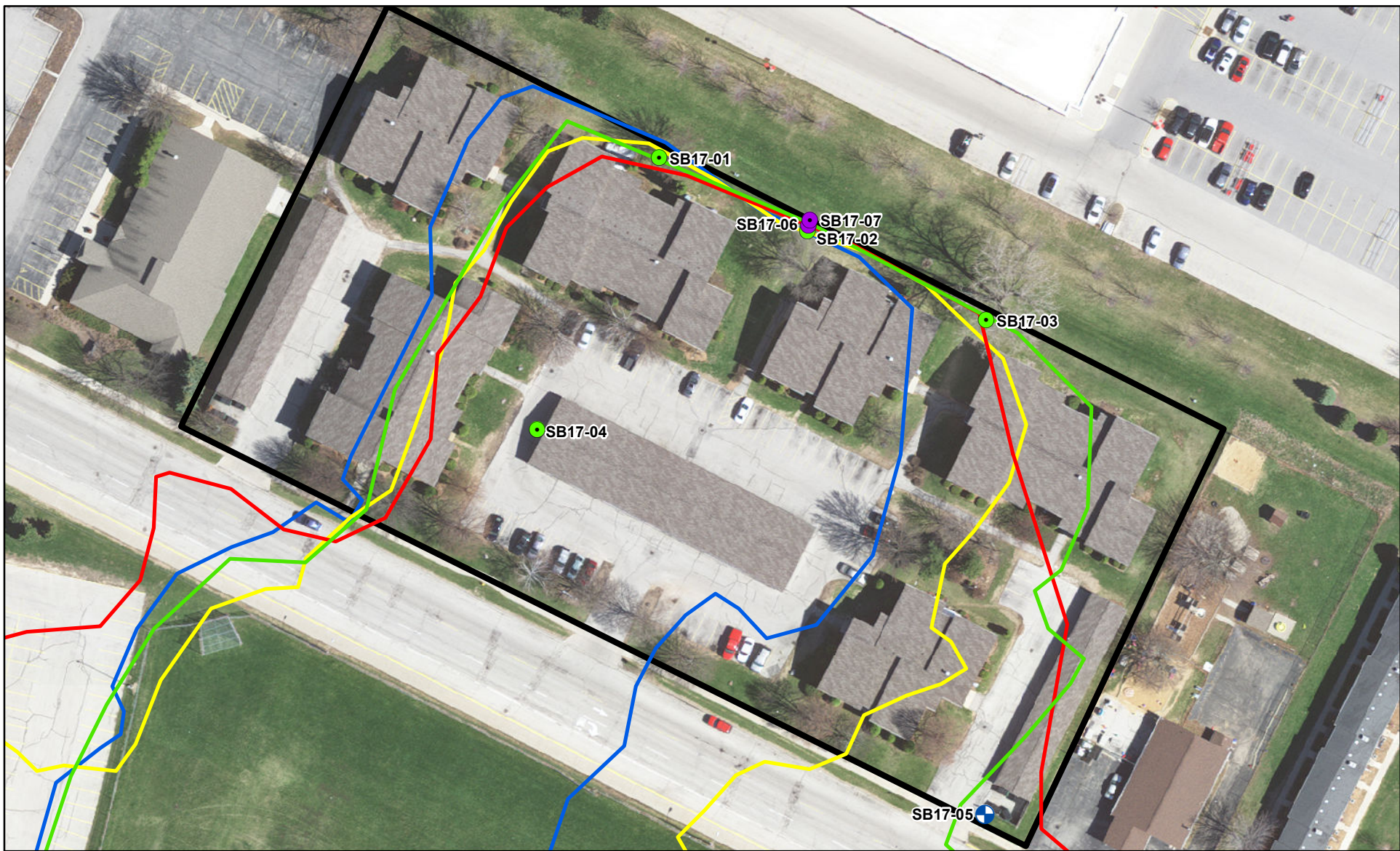
	Date: 01/11/2018	Project No. 7311150004
	Drawn: MJV	Figure: <b>2</b>
	Checked: JMR	

1:3,600 Approximate Scale in Feet











0 300 600 900 1 inch equals 300 feet






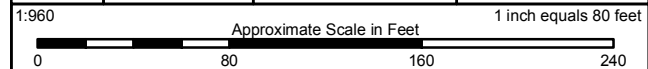
**Legend**

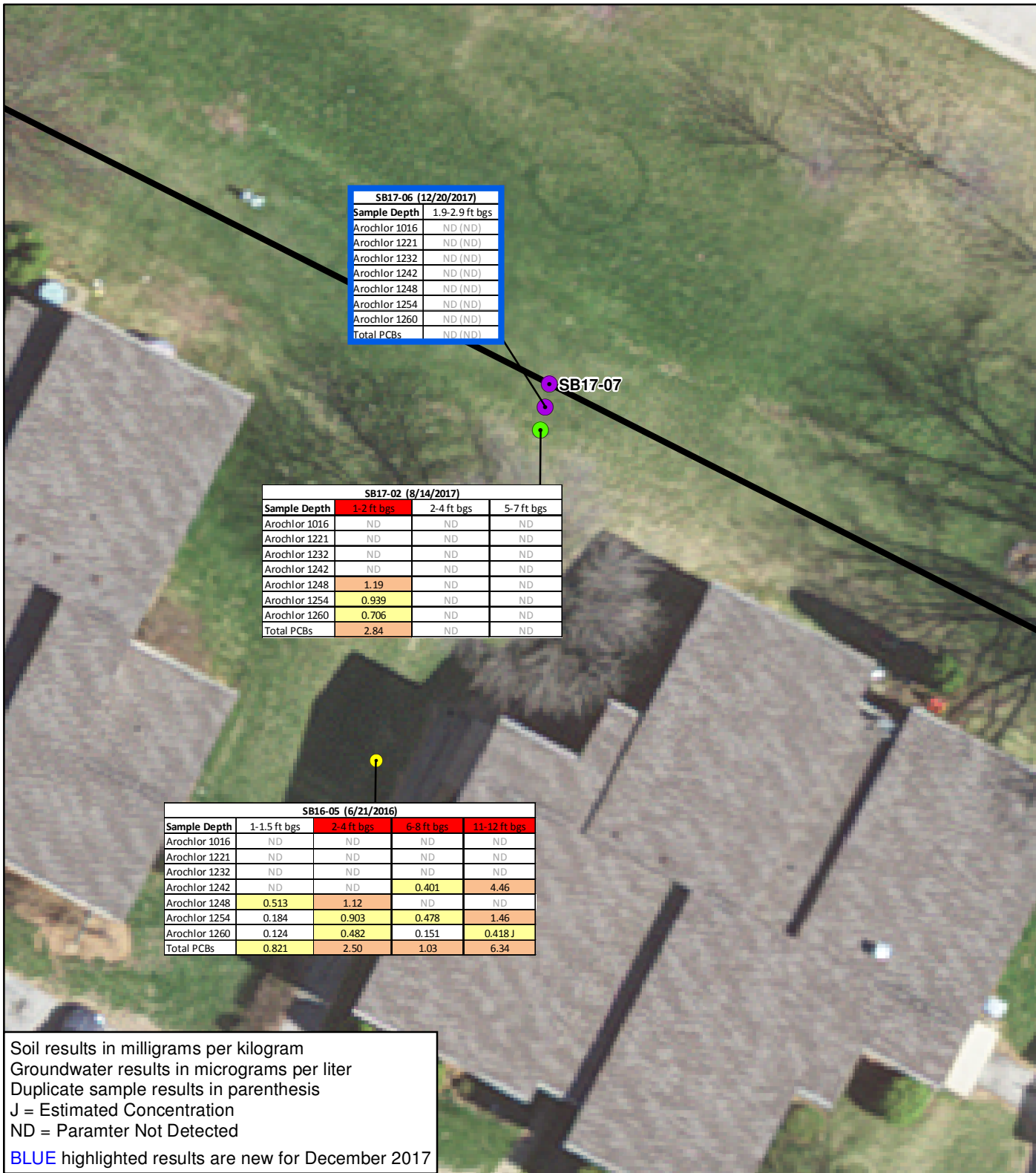
-  Approximate Site Boundary
  -  December 2017 Hand Auger Borings
  -  2017 Soil Boring / Temporary Well Location
  -  2017 Soil Boring Location
- Approximate Extent of Historic Borrow Pit by Year**
-  1938
  -  1954
  -  1951
  -  1960

**SSI SOIL BORING AND WELL LOCATION MAP**  
 Supplemental Site Investigation Report Addendum  
 Ashview Terrace Apartments Site  
 Ashwaubenon, Brown County, Wisconsin

Note: Imagery courtesy of Brown County Planning & Land Services (May 2014)

	Date: 01/11/2018	Project No. 7311150004
	Drawn: MJV	Figure: <b>3</b>
	Checked: JMR	





SB17-06 (12/20/2017)	
Sample Depth	1.9-2.9 ft bgs
Arochlor 1016	ND (ND)
Arochlor 1221	ND (ND)
Arochlor 1232	ND (ND)
Arochlor 1242	ND (ND)
Arochlor 1248	ND (ND)
Arochlor 1254	ND (ND)
Arochlor 1260	ND (ND)
Total PCBs	ND (ND)

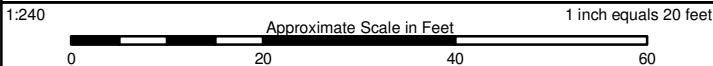
SB17-02 (8/14/2017)			
Sample Depth	1-2 ft bgs	2-4 ft bgs	5-7 ft bgs
Arochlor 1016	ND	ND	ND
Arochlor 1221	ND	ND	ND
Arochlor 1232	ND	ND	ND
Arochlor 1242	ND	ND	ND
Arochlor 1248	1.19	ND	ND
Arochlor 1254	0.939	ND	ND
Arochlor 1260	0.706	ND	ND
Total PCBs	2.84	ND	ND

SB16-05 (6/21/2016)				
Sample Depth	1-1.5 ft bgs	2-4 ft bgs	6-8 ft bgs	11-12 ft bgs
Arochlor 1016	ND	ND	ND	ND
Arochlor 1221	ND	ND	ND	ND
Arochlor 1232	ND	ND	ND	ND
Arochlor 1242	ND	ND	0.401	4.46
Arochlor 1248	0.513	1.12	ND	ND
Arochlor 1254	0.184	0.903	0.478	1.46
Arochlor 1260	0.124	0.482	0.151	0.418 J
Total PCBs	0.821	2.50	1.03	6.34

Soil results in milligrams per kilogram  
 Groundwater results in micrograms per liter  
 Duplicate sample results in parenthesis  
 J = Estimated Concentration  
 ND = Parameter Not Detected  
 BLUE highlighted results are new for December 2017

**Legend**

- December 2017 Hand Auger Borings
- 2017 Soil Boring Location
- 2016 Soil Boring Location
- Approximate Site Boundary
- Exceedance of Non-Industrial RCL
- Exceedance of Industrial RCL
- Exceedance of Soil to Groundwater RCL
- Sampling Interval Containing Paper Sludge



**ANALYTICAL RESULTS - PCBs**  
 Supplemental Site Investigation Report Addendum  
 Ashview Terrace Apartments Site  
 Ashwaubenon, Brown County, Wisconsin

Note: Imagery courtesy of Brown County Planning & Land Services (May 2014)		Date: 01/11/2018	Project No. 7311150004
Drawn: MJV	Checked: JMR	Figure: 4	



## APPENDICES

Supplemental Site Investigation Report - ADDENDUM  
Ashview Terrace Apartments Site  
Ashwaubenon, Brown County, Wisconsin  
January 2018



**APPENDIX A**  
Laboratory Analytical Report



January 03, 2018

Joe Renier  
AMEC FW  
800 Marquette Ave  
Minneapolis, MN 55402

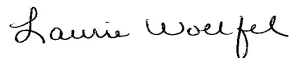
RE: Project: 7311150004 ASHWAUBENON-GP  
Pace Project No.: 40162714

Dear Joe Renier:

Enclosed are the analytical results for sample(s) received by the laboratory on December 20, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Laurie Woelfel  
laurie.woelfel@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40162714001	SB17-06-1217-400	Water	12/19/17 16:50	12/20/17 12:20
40162714002	SB17-06-(1.9-2.9)-1217-100	Solid	12/20/17 10:50	12/20/17 12:20
40162714003	SB17-06-(1.9-2.9)-1217-300	Solid	12/20/17 10:50	12/20/17 12:20
40162714004	SB17-07-(2.7-3.7)-1217-100	Solid	12/20/17 11:30	12/20/17 12:20

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40162714001	SB17-06-1217-400	EPA 8082	BLM	10	PASI-G
40162714002	SB17-06-(1.9-2.9)-1217-100	EPA 8082	BLM	10	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40162714003	SB17-06-(1.9-2.9)-1217-300	EPA 8082	BLM	10	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40162714002</b>	<b>SB17-06-(1.9-2.9)-1217-100</b>					
ASTM D2974-87	Percent Moisture	13.1	%	0.10	12/28/17 14:10	
<b>40162714003</b>	<b>SB17-06-(1.9-2.9)-1217-300</b>					
ASTM D2974-87	Percent Moisture	12.6	%	0.10	12/28/17 14:10	

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 7311150004 ASHWAUBENON-GP  
Pace Project No.: 40162714

---

**Method:** EPA 8082  
**Description:** 8082 GCS PCB  
**Client:** AMEC Foster Wheeler - MN  
**Date:** January 03, 2018

### General Information:

3 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 277939

S0: Surrogate recovery outside laboratory control limits.

- SB17-06-1217-400 (Lab ID: 40162714001)
  - Decachlorobiphenyl (S)

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 277939

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

### Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

**Sample: SB17-06-1217-400**      **Lab ID: 40162714001**      Collected: 12/19/17 16:50      Received: 12/20/17 12:20      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082    Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	12674-11-2	
PCB-1221 (Aroclor 1221)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	11104-28-2	
PCB-1232 (Aroclor 1232)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	11141-16-5	
PCB-1242 (Aroclor 1242)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	53469-21-9	
PCB-1248 (Aroclor 1248)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	12672-29-6	
PCB-1254 (Aroclor 1254)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	11097-69-1	
PCB-1260 (Aroclor 1260)	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	11096-82-5	
PCB, Total	<0.24	ug/L	0.48	0.24	1	12/26/17 08:57	12/27/17 07:20	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	87	%	48-123		1	12/26/17 08:57	12/27/17 07:20	877-09-8	
Decachlorobiphenyl (S)	20	%	35-125		1	12/26/17 08:57	12/27/17 07:20	2051-24-3	S0

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

**Sample: SB17-06-(1.9-2.9)-1217-100 Lab ID: 40162714002** Collected: 12/20/17 10:50 Received: 12/20/17 12:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	12674-11-2	
PCB-1221 (Aroclor 1221)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	11104-28-2	
PCB-1232 (Aroclor 1232)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	11141-16-5	
PCB-1242 (Aroclor 1242)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	53469-21-9	
PCB-1248 (Aroclor 1248)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	12672-29-6	
PCB-1254 (Aroclor 1254)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	11097-69-1	
PCB-1260 (Aroclor 1260)	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	11096-82-5	
PCB, Total	<28.8	ug/kg	57.5	28.8	1	12/28/17 10:45	12/29/17 12:28	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	72	%	50-102		1	12/28/17 10:45	12/29/17 12:28	877-09-8	
Decachlorobiphenyl (S)	70	%	53-105		1	12/28/17 10:45	12/29/17 12:28	2051-24-3	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	13.1	%	0.10	0.10	1		12/28/17 14:10		

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

**Sample: SB17-06-(1.9-2.9)-1217-300 Lab ID: 40162714003** Collected: 12/20/17 10:50 Received: 12/20/17 12:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	12674-11-2	
PCB-1221 (Aroclor 1221)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	11104-28-2	
PCB-1232 (Aroclor 1232)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	11141-16-5	
PCB-1242 (Aroclor 1242)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	53469-21-9	
PCB-1248 (Aroclor 1248)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	12672-29-6	
PCB-1254 (Aroclor 1254)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	11097-69-1	
PCB-1260 (Aroclor 1260)	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	11096-82-5	
PCB, Total	<28.6	ug/kg	57.2	28.6	1	12/28/17 10:45	12/29/17 12:11	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	70	%	50-102		1	12/28/17 10:45	12/29/17 12:11	877-09-8	
Decachlorobiphenyl (S)	68	%	53-105		1	12/28/17 10:45	12/29/17 12:11	2051-24-3	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	12.6	%	0.10	0.10	1		12/28/17 14:10		

### REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

### QUALITY CONTROL DATA

Project: 7311150004 ASHWAUBENON-GP  
Pace Project No.: 40162714

QC Batch: 278147 Analysis Method: EPA 8082  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 40162714002, 40162714003

METHOD BLANK: 1634567 Matrix: Solid  
Associated Lab Samples: 40162714002, 40162714003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1221 (Aroclor 1221)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1232 (Aroclor 1232)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1242 (Aroclor 1242)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1248 (Aroclor 1248)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1254 (Aroclor 1254)	ug/kg	<25.0	50.0	12/29/17 08:43	
PCB-1260 (Aroclor 1260)	ug/kg	<25.0	50.0	12/29/17 08:43	
Decachlorobiphenyl (S)	%	82	53-105	12/29/17 08:43	
Tetrachloro-m-xylene (S)	%	76	50-102	12/29/17 08:43	

LABORATORY CONTROL SAMPLE: 1634568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<25.0			
PCB-1221 (Aroclor 1221)	ug/kg		<25.0			
PCB-1232 (Aroclor 1232)	ug/kg		<25.0			
PCB-1242 (Aroclor 1242)	ug/kg		<25.0			
PCB-1248 (Aroclor 1248)	ug/kg		<25.0			
PCB-1254 (Aroclor 1254)	ug/kg		<25.0			
PCB-1260 (Aroclor 1260)	ug/kg	500	400	80	59-106	
Decachlorobiphenyl (S)	%			86	53-105	
Tetrachloro-m-xylene (S)	%			79	50-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1634569 1634570

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40162674002	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<25.9			<25.9	<25.9					20
PCB-1221 (Aroclor 1221)	ug/kg	<25.9			<25.9	<25.9					20
PCB-1232 (Aroclor 1232)	ug/kg	<25.9			<25.9	<25.9					20
PCB-1242 (Aroclor 1242)	ug/kg	<25.9			<25.9	<25.9					20
PCB-1248 (Aroclor 1248)	ug/kg	<25.9			<25.9	<25.9					20
PCB-1254 (Aroclor 1254)	ug/kg	242			289	264			9		20
PCB-1260 (Aroclor 1260)	ug/kg	<25.9	519	519	328	302	63	58	51-109	8	20
Decachlorobiphenyl (S)	%						62	58	53-105		
Tetrachloro-m-xylene (S)	%						67	62	50-102		

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 7311150004 ASHWAUBENON-GP  
Pace Project No.: 40162714

QC Batch: 277939 Analysis Method: EPA 8082  
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 40162714001

METHOD BLANK: 1633794 Matrix: Water  
Associated Lab Samples: 40162714001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1221 (Aroclor 1221)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1232 (Aroclor 1232)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1242 (Aroclor 1242)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1248 (Aroclor 1248)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1254 (Aroclor 1254)	ug/L	<0.25	0.50	12/27/17 05:47	
PCB-1260 (Aroclor 1260)	ug/L	<0.25	0.50	12/27/17 05:47	
Decachlorobiphenyl (S)	%	68	35-125	12/27/17 05:47	
Tetrachloro-m-xylene (S)	%	82	48-123	12/27/17 05:47	

LABORATORY CONTROL SAMPLE & LCSD: 1633795

Parameter	Units	1633796		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result						
PCB-1016 (Aroclor 1016)	ug/L		<0.25	<0.25				20	
PCB-1221 (Aroclor 1221)	ug/L		<0.25	<0.25				20	
PCB-1232 (Aroclor 1232)	ug/L		<0.25	<0.25				20	
PCB-1242 (Aroclor 1242)	ug/L		<0.25	<0.25				20	
PCB-1248 (Aroclor 1248)	ug/L		<0.25	<0.25				20	
PCB-1254 (Aroclor 1254)	ug/L		<0.25	<0.25				20	
PCB-1260 (Aroclor 1260)	ug/L	5	3.7	3.7	74	74	67-112	0	20
Decachlorobiphenyl (S)	%				71	64	35-125		
Tetrachloro-m-xylene (S)	%				82	87	48-123		

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

QC Batch: 278178

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40162714002, 40162714003

SAMPLE DUPLICATE: 1634723

Parameter	Units	40162974002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.1	8.1	0	10	

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

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### BATCH QUALIFIERS

Batch: 277972

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

S0 Surrogate recovery outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7311150004 ASHWAUBENON-GP

Pace Project No.: 40162714

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40162714002	SB17-06-(1.9-2.9)-1217-100	EPA 3541	278147	EPA 8082	278148
40162714003	SB17-06-(1.9-2.9)-1217-300	EPA 3541	278147	EPA 8082	278148
40162714001	SB17-06-1217-400	EPA 3510	277939	EPA 8082	277972
40162714002	SB17-06-(1.9-2.9)-1217-100	ASTM D2974-87	278178		
40162714003	SB17-06-(1.9-2.9)-1217-300	ASTM D2974-87	278178		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Amec Foster Wheeler  
 Branch/Location: Minneapolis  
 Project Contact: Joe Renter  
 Phone: 326-963-5742  
 Project Number: 731150004  
 Project Name: GP Ashwaubenon  
 Project State: WI  
 Sampled By (Print): Matt Kevra  
 Sampled By (Sign): [Signature]  
 PO #:



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

40162714

### CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested																			
N	A	PCBS 8082/3541																			

**Quote #:**

**Mail To Contact:** Joe Renter

**Mail To Company:** Amec Foster Wheeler

**Mail To Address:** Joe, Renter @ Amecfw.com

**Invoice To Contact:**

**Invoice To Company:**

**Invoice To Address:**

**Invoice To Phone:**

**CLIENT COMMENTS:**

**LAB COMMENTS (Lab Use Only):**  
2-1 Lag A  
1-402 Lag A  
↓

**Profile #**

*HOLD pending results of other samples*

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	SB17-06-1217-400	12-19	1650	W	X		
002	SB17-06-(1.9-2.9)-1217-100	12-20	1050	S	X		
003	SB17-06-(1.9-2.9)-1217-300	12-20	1050	S	X		
004	SB17-07-(2.7-3.7)-1217-100	12-20	1130	S			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed: 12-22-17 1520

Relinquished By: [Signature] Date/Time: 12-22-17 1520

Received By: [Signature] Date/Time: 12-20-17 1220

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

Email #1: \_\_\_\_\_ Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Email #2: \_\_\_\_\_ Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Telephone: \_\_\_\_\_ Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Fax: \_\_\_\_\_ Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

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

PACE Project No. 40162714

Receipt Temp 20.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Condition Upon Receipt

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



Project #:

WO#: 40162714

Client Name: AMEC Foster



Courier:  Fed Ex  UPS  Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

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

Cooler Temperature Uncorr: ROT /Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:

Date: 12-20-17

Initials: [Signature]

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

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input 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 <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>NO MS/MSD volume 12-20-17</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>WAS</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

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

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

Project Manager Review: [Signature]

Date: 12/20/17



(Please Print Clearly)

Company Name: Amec Foster Wheeler  
 Branch/Location: Minneapolis  
 Project Contact: Joe Renter  
 Phone: 320-963-5742  
 Project Number: 731150004  
 Project Name: GP Ashwaubenon  
 Project State: WI  
 Sampled By (Print): Matt Kevra  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_ Regulatory Program: \_\_\_\_\_



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40162714

### CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested																		
N	A	PCBS 8082/3541																		

Quote #: \_\_\_\_\_  
 Mail To Contact: Joe Renter  
 Mail To Company: Amec Foster Wheeler  
 Mail To Address: Joe, Renter @ Amecfw.com  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	SB17-06-1217-400	12-19	1650	W	X		
002	SB17-06-(1.9-2.9)-1217-100	12-20	1050	S	X		
003	SB17-06-(1.9-2.9)-1217-300	12-20	1050	S	X		
004	SB17-07-(2.7-3.7)-1217-100	12-20	1130	S			

**CLIENT COMMENTS**  
 HOLD pending results of other samples

**LAB COMMENTS (Lab Use Only)**  
 2-1 Lag A  
 1-402 Lag A  
 ↓

**Profile #**

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

Relinquished By: [Signature] Date/Time: 12-22-17 1020  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: [Signature] Date/Time: 12-20-17 1220  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

PACE Project No. 40162714  
 Receipt Temp: 20.5 °C  
 Sample Receipt pH: OK / Adjusted  
 Cooler Custody Seal Present / Not Present: Intact / Not intact

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

Sample Condition Upon Receipt

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



Project #:

WO#: 40162714

Client Name: AMEC Foster



Courier:  Fed Ex  UPS  Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

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

Cooler Temperature Uncorr: ROT /Corr: \_\_\_\_\_ Biological Tissue is Frozen:  yes

Temp Blank Present:  yes  no  no

Person examining contents:  
Date: 12-20-17  
Initials: [Signature]

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

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input 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 <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. NO MS/MSD volume 12-20-17
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>was</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

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

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

Project Manager Review: [Signature]

Date: 12/20/17