Lauridsen, Keld B - DNR

From: Lauridsen, Keld B - DNR
Sent: Tuesday, October 31, 2023 10:09 AM
To: Patrick Patterson
Subject: RE: Notice to Proceed for SIWP for the BMO Harris Bank Branch site (BRRTS # 02-05-585287)

Patrick,

Thanks for the update. I look forward to receiving the more formal update with the data tabulated. Be sure to also include the lab sheets.

-Keld

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Keld B. Lauridsen
Phone: (920) 510 8294
Keld.Lauridsen@wisconsin.gov

From: Patrick Patterson <patrick.patterson@intertek.com>
Sent: Monday, October 30, 2023 4:25 PM
To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Cc: Nate Smith <nate.smith@badgerlandbadge.com>
Subject: RE: Notice to Proceed for SIWP for the BMO Harris Bank Branch site (BRRTS # 02-05-585287)

Hi Keld and Nate,
Attached are the test results of the additional soil and groundwater testing at the BMO Harris Bank in Green Bay (02-05-585287). I am working on tables for these test results and should have them finished soon. The tables will help with understanding these results. The Eurofins report pertains to the ambient air sample that was collected in your bathroom. The test results indicated only one compound detected above laboratory limit of detection (LOD), which was Tetrachloroethene (PCE) at 8.2 ug/m3. The WDNR currently uses an indoor air vapor action level (VAL) of 180 ug/m3, which means that the detected level is over 20 times lower than the allowable level in ambient air. The test results of the groundwater sample collected from the newly installed well (MW-15) indicated no detectable levels above laboratory LODs. The test results of the samples collected from the older wells indicated similar results as previous test results. A soil sample collected near the existing well near the northeastern building corner (just outside of the fence) had test results that indicated the presence of high levels of chlorinated compounds. The sub slab vapor sample collected in the newly installed sub-slab vapor point had test results like previous sub-slab test results. Once the results have been thoroughly reviewed, we will prepare a status report and send to BMO Harris, the WDNR and you once approved.
Thanks,
Pat

Patrick J. Patterson, P.E., P.G.
Senior Engineer
Building & Construction
Intertek-PSI

Office 262-521-2125
Email patrick.patterson@intertek.com
www.intertek.com/building

Intertek-PSI, 821 Corporate Court, Waukesha, WI 53189

From: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Sent: Thursday, September 21, 2023 4:48 PM
To: Patrick Patterson <patrick.patterson@intertek.com>
Cc: june.evans@bmo.com; Camacho, Joaquin <joaquin.camacho@bmo.com>; Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Subject: [External] Notice to Proceed for SIWP for the BMO Harris Bank Branch site (BRRTS # 02-05-585287)

Patrick,

DNR has completed a cursory review of the Site Investigation Work Plan (SIWP) received on August 21, 2023, for the above referenced site. This email serves as your notice to proceed with the below comments:

- It is recommended to collect unsaturated soil samples to be analyzed for VOCs from the proposed well location as well as in the vicinity of monitoring well MW8. No soil samples were collected and analyzed for VOCs in the vicinity of monitoring well MW-8 where the highest VOC concentrations were detected in groundwater.
- Indoor air samples should be analyzed for PCE, DCE and VC in addition to TCE.
- Passive samplers should be hung at breathing-level height away from walls and vents.
- Photos should be taken of the passive sampler placements and provided to DNR as part of a sampling update.
- Sampling results are to be submitted to DNR and the property owner within 10 days of receiving analytical results.
- Depending on the analytical results, additional sampling may be required in order to define degree and extent of contamination.

Let me know if you would like to discuss anything in more detail.

-Keld

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey [dnr.wi.gov] to evaluate how I did.

Keld B. Lauridsen
Phone: (920) 510 8294

Keld.Lauridsen@wisconsin.gov

From: no-reply@wisconsin.gov <no-reply@wisconsin.gov>
Sent: Monday, August 21, 2023 11:30 AM
To: DNR RR NER <DNRRRNER@wisconsin.gov>
Cc: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Subject: 0205585287: Site Investigation Workplan (NR 716)

Please do not reply to this email.

BRRTS #: 0205585287
Site Name: BMO HARRIS BANK BRANCH
Type of Report: Site Investigation Workplan (NR 716)
Confirmation Number: 41886
File Name: KELD_LAURIDSEN_0205585287_20230821_SIWP_41886.pdf
Fee: No
Amount: 0.00
Form Included: No
Does submittal include NR 712 certification? : Yes
Project Manager: KELD LAURIDSEN
File Contact: DENISE DANELSKI
Other DNR RR Contact: NA
This submittal contains:

- None, PFAS is not mentioned in this submittal.

Additional Information: NA

From: Patrick Patterson
Email: patrick.patterson@intertek.com

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 18, 2023

Patrick Patterson
PSI
821 Corporate Ct.
Suite 102
Waukesha, WI 53189

RE: Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Dear Patrick Patterson:

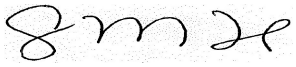
Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 Services - Green Bay

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

Sincerely,



Angela Lane
angela.lane@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40268943001	**MW-2**	Water	10/03/23 12:50	10/03/23 14:57
40268943002	**MW-3**	Water	10/03/23 13:00	10/03/23 14:57
40268943003	**MW-4**	Water	10/03/23 12:45	10/03/23 14:57
40268943004	**MW-5**	Water	10/03/23 13:05	10/03/23 14:57
40268943005	**MW-6**	Water	10/03/23 13:15	10/03/23 14:57
40268943006	**MW-8**	Water	10/03/23 13:30	10/03/23 14:57
40268943007	**MW-9**	Water	10/03/23 12:30	10/03/23 14:57
40268943008	**MW-10**	Water	10/03/23 13:20	10/03/23 14:57
40268943009	**MW-11**	Water	10/03/23 13:25	10/03/23 14:57
40268943010	**MW-12**	Water	10/03/23 13:35	10/03/23 14:57
40268943011	**SP-13A**	Solid	10/03/23 09:55	10/03/23 14:57

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40268943001	**MW-2**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943002	**MW-3**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943003	**MW-4**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943004	**MW-5**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943005	**MW-6**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943006	**MW-8**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943007	**MW-9**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943008	**MW-10**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943009	**MW-11**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943010	**MW-12**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G
40268943011	**SP-13A**	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	NMK	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268943001	**MW-2**					
EPA 8015B Modified	Ethene	0.36J	ug/L	5.0	10/13/23 09:24	
EPA 8260	1,2-Dichloroethene (Total)	1.0J	ug/L	2.0	10/05/23 15:19	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	10/05/23 15:19	
40268943002	**MW-3**					
EPA 8260	cis-1,2-Dichloroethene	0.65J	ug/L	1.0	10/05/23 15:39	
40268943004	**MW-5**					
EPA 8015B Modified	Ethane	1.0J	ug/L	5.6	10/13/23 09:45	
EPA 8260	1,2-Dichloroethene (Total)	1.0J	ug/L	2.0	10/05/23 16:18	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	10/05/23 16:18	
EPA 8260	Tetrachloroethene	0.60J	ug/L	1.0	10/05/23 16:18	
EPA 8260	Trichloroethene	2.4	ug/L	1.0	10/05/23 16:18	
40268943005	**MW-6**					
EPA 8015B Modified	Ethene	0.51J	ug/L	5.0	10/13/23 09:52	
EPA 8260	1,2-Dichloroethene (Total)	4.8	ug/L	2.0	10/05/23 16:38	
EPA 8260	cis-1,2-Dichloroethene	2.2	ug/L	1.0	10/05/23 16:38	
EPA 8260	trans-1,2-Dichloroethene	2.5	ug/L	1.0	10/05/23 16:38	
EPA 8260	Tetrachloroethene	0.71J	ug/L	1.0	10/05/23 16:38	
EPA 8260	Trichloroethene	0.68J	ug/L	1.0	10/05/23 16:38	
EPA 8260	Vinyl chloride	0.77J	ug/L	1.0	10/05/23 16:38	
40268943006	**MW-8**					
EPA 8260	1,2-Dichloroethene (Total)	3.3	ug/L	2.0	10/05/23 16:58	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	10/05/23 16:58	
EPA 8260	trans-1,2-Dichloroethene	1.3	ug/L	1.0	10/05/23 16:58	
EPA 8260	Tetrachloroethene	966	ug/L	10.0	10/06/23 14:05	
EPA 8260	Trichloroethene	24.9	ug/L	1.0	10/05/23 16:58	
40268943007	**MW-9**					
EPA 8260	cis-1,2-Dichloroethene	0.81J	ug/L	1.0	10/09/23 11:29	
EPA 8260	Tetrachloroethene	1.2	ug/L	1.0	10/09/23 11:29	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	10/09/23 11:29	
40268943008	**MW-10**					
EPA 8260	cis-1,2-Dichloroethene	0.59J	ug/L	1.0	10/05/23 17:37	
EPA 8260	Tetrachloroethene	207	ug/L	1.0	10/05/23 17:37	
EPA 8260	Trichloroethene	11.2	ug/L	1.0	10/05/23 17:37	
40268943009	**MW-11**					
EPA 8260	Tetrachloroethene	44.7	ug/L	1.0	10/05/23 17:57	
EPA 8260	Trichloroethene	3.5	ug/L	1.0	10/05/23 17:57	
40268943010	**MW-12**					
EPA 8260	Tetrachloroethene	391	ug/L	5.0	10/09/23 11:49	
EPA 8260	Trichloroethene	50.2	ug/L	5.0	10/09/23 11:49	
40268943011	**SP-13A**					
EPA 8260	Benzene	33.3	ug/kg	30.7	10/17/23 16:16	
EPA 8260	Naphthalene	104J	ug/kg	384	10/17/23 16:16	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268943011	**SP-13A**					
EPA 8260	n-Propylbenzene	22.6J	ug/kg	76.7	10/17/23 16:16	
EPA 8260	Tetrachloroethene	2790	ug/kg	76.7	10/17/23 16:16	
EPA 8260	m&p-Xylene	43.0J	ug/kg	153	10/17/23 16:16	
ASTM D2974-87	Percent Moisture	21.1	%	0.10	10/12/23 12:26	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: PSI - Waukesha
Date: October 18, 2023

General Information:
10 samples were analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. 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.

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.

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.

Additional Comments:

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Method: **EPA 8260**
Description: 8260 MSV Med Level Normal List
Client: PSI - Waukesha
Date: October 18, 2023

General Information:
1 sample was analyzed for EPA 8260 by Pace Analytical Services Green Bay. 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 5035/5030B 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.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

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

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.

Additional Comments:

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Method: **EPA 8260**
Description: 8260 MSV
Client: PSI - Waukesha
Date: October 18, 2023

General Information:
10 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. 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.

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.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

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

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.

Additional Comments:

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-2 **Lab ID: 40268943001** Collected: 10/03/23 12:50 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 09:24	74-84-0	
Ethene	**0.36J**	ug/L	5.0	0.25	1		10/13/23 09:24	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**1.0J**	ug/L	2.0	1.0	1		10/05/23 15:19	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 15:19	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.47	1		10/05/23 15:19	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 15:19	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/05/23 15:19	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/05/23 15:19	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 15:19	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/05/23 15:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/05/23 15:19	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		10/05/23 15:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-3 **Lab ID: 40268943002** Collected: 10/03/23 13:00 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 09:31	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 09:31	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/05/23 15:39	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 15:39	75-35-4	
cis-1,2-Dichloroethene	**0.65J**	ug/L	1.0	0.47	1		10/05/23 15:39	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 15:39	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/05/23 15:39	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/05/23 15:39	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 15:39	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/05/23 15:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/05/23 15:39	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/05/23 15:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-4 **Lab ID: 40268943003** Collected: 10/03/23 12:45 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 09:38	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 09:38	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/05/23 15:59	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 15:59	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/05/23 15:59	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 15:59	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/05/23 15:59	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/05/23 15:59	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 15:59	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/05/23 15:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/05/23 15:59	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/05/23 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-5 **Lab ID: 40268943004** Collected: 10/03/23 13:05 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**1.0J**	ug/L	5.6	0.39	1		10/13/23 09:45	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 09:45	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**1.0J**	ug/L	2.0	1.0	1		10/05/23 16:18	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 16:18	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.47	1		10/05/23 16:18	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 16:18	156-60-5	
Tetrachloroethene	**0.60J**	ug/L	1.0	0.41	1		10/05/23 16:18	127-18-4	
Trichloroethene	**2.4**	ug/L	1.0	0.32	1		10/05/23 16:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 16:18	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/05/23 16:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/05/23 16:18	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/05/23 16:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-6 **Lab ID: 40268943005** Collected: 10/03/23 13:15 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 09:52	74-84-0	
Ethene	**0.51J**	ug/L	5.0	0.25	1		10/13/23 09:52	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**4.8**	ug/L	2.0	1.0	1		10/05/23 16:38	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 16:38	75-35-4	
cis-1,2-Dichloroethene	**2.2**	ug/L	1.0	0.47	1		10/05/23 16:38	156-59-2	
trans-1,2-Dichloroethene	**2.5**	ug/L	1.0	0.53	1		10/05/23 16:38	156-60-5	
Tetrachloroethene	**0.71J**	ug/L	1.0	0.41	1		10/05/23 16:38	127-18-4	
Trichloroethene	**0.68J**	ug/L	1.0	0.32	1		10/05/23 16:38	79-01-6	
Vinyl chloride	**0.77J**	ug/L	1.0	0.17	1		10/05/23 16:38	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/05/23 16:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/05/23 16:38	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/05/23 16:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-8 **Lab ID: 40268943006** Collected: 10/03/23 13:30 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 09:59	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 09:59	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**3.3**	ug/L	2.0	1.0	1		10/05/23 16:58	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 16:58	75-35-4	
cis-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.47	1		10/05/23 16:58	156-59-2	
trans-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.53	1		10/05/23 16:58	156-60-5	
Tetrachloroethene	**966**	ug/L	10.0	4.1	10		10/06/23 14:05	127-18-4	
Trichloroethene	**24.9**	ug/L	1.0	0.32	1		10/05/23 16:58	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 16:58	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/05/23 16:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/05/23 16:58	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/05/23 16:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-9 **Lab ID: 40268943007** Collected: 10/03/23 12:30 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 10:06	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 10:06	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/09/23 11:29	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/09/23 11:29	75-35-4	
cis-1,2-Dichloroethene	**0.81J**	ug/L	1.0	0.47	1		10/09/23 11:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/09/23 11:29	156-60-5	
Tetrachloroethene	**1.2**	ug/L	1.0	0.41	1		10/09/23 11:29	127-18-4	
Trichloroethene	**1.5**	ug/L	1.0	0.32	1		10/09/23 11:29	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/09/23 11:29	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/23 11:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/09/23 11:29	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/09/23 11:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-10 **Lab ID: 40268943008** Collected: 10/03/23 13:20 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 10:13	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 10:13	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/05/23 17:37	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 17:37	75-35-4	
cis-1,2-Dichloroethene	**0.59J**	ug/L	1.0	0.47	1		10/05/23 17:37	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 17:37	156-60-5	
Tetrachloroethene	**207**	ug/L	1.0	0.41	1		10/05/23 17:37	127-18-4	
Trichloroethene	**11.2**	ug/L	1.0	0.32	1		10/05/23 17:37	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 17:37	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/05/23 17:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/05/23 17:37	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/05/23 17:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-11 **Lab ID: 40268943009** Collected: 10/03/23 13:25 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 10:20	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 10:20	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/05/23 17:57	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/05/23 17:57	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/05/23 17:57	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/05/23 17:57	156-60-5	
Tetrachloroethene	**44.7**	ug/L	1.0	0.41	1		10/05/23 17:57	127-18-4	
Trichloroethene	**3.5**	ug/L	1.0	0.32	1		10/05/23 17:57	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/05/23 17:57	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/05/23 17:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/05/23 17:57	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/05/23 17:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: MW-12 **Lab ID: 40268943010** Collected: 10/03/23 13:35 Received: 10/03/23 14:57 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 10:27	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 10:27	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<5.0**	ug/L	10.0	5.0	5		10/09/23 11:49	540-59-0	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		10/09/23 11:49	75-35-4	
cis-1,2-Dichloroethene	**<2.4**	ug/L	5.0	2.4	5		10/09/23 11:49	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	5.0	2.6	5		10/09/23 11:49	156-60-5	
Tetrachloroethene	**391**	ug/L	5.0	2.0	5		10/09/23 11:49	127-18-4	
Trichloroethene	**50.2**	ug/L	5.0	1.6	5		10/09/23 11:49	79-01-6	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		10/09/23 11:49	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		10/09/23 11:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		5		10/09/23 11:49	2199-69-1	
Toluene-d8 (S)	94	%	70-130		5		10/09/23 11:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: SP-13A **Lab ID: 40268943011** Collected: 10/03/23 09:55 Received: 10/03/23 14:57 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**33.3**	ug/kg	30.7	18.3	1	10/04/23 11:15	10/17/23 16:16	71-43-2	
Bromobenzene	**<29.9**	ug/kg	76.7	29.9	1	10/04/23 11:15	10/17/23 16:16	108-86-1	
Bromochloromethane	**<21.0**	ug/kg	76.7	21.0	1	10/04/23 11:15	10/17/23 16:16	74-97-5	
Bromodichloromethane	**<18.3**	ug/kg	76.7	18.3	1	10/04/23 11:15	10/17/23 16:16	75-27-4	
Bromoform	**<338**	ug/kg	384	338	1	10/04/23 11:15	10/17/23 16:16	75-25-2	
Bromomethane	**<108**	ug/kg	384	108	1	10/04/23 11:15	10/17/23 16:16	74-83-9	
n-Butylbenzene	**<35.1**	ug/kg	76.7	35.1	1	10/04/23 11:15	10/17/23 16:16	104-51-8	
sec-Butylbenzene	**<26.3**	ug/kg	76.7	26.3	1	10/04/23 11:15	10/17/23 16:16	135-98-8	
tert-Butylbenzene	**<24.1**	ug/kg	76.7	24.1	1	10/04/23 11:15	10/17/23 16:16	98-06-6	
Carbon tetrachloride	**<16.9**	ug/kg	76.7	16.9	1	10/04/23 11:15	10/17/23 16:16	56-23-5	
Chlorobenzene	**<9.2**	ug/kg	76.7	9.2	1	10/04/23 11:15	10/17/23 16:16	108-90-7	
Chloroethane	**<32.4**	ug/kg	384	32.4	1	10/04/23 11:15	10/17/23 16:16	75-00-3	
Chloroform	**<54.9**	ug/kg	384	54.9	1	10/04/23 11:15	10/17/23 16:16	67-66-3	
Chloromethane	**<29.2**	ug/kg	76.7	29.2	1	10/04/23 11:15	10/17/23 16:16	74-87-3	
2-Chlorotoluene	**<24.9**	ug/kg	76.7	24.9	1	10/04/23 11:15	10/17/23 16:16	95-49-8	
4-Chlorotoluene	**<29.2**	ug/kg	76.7	29.2	1	10/04/23 11:15	10/17/23 16:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<59.5**	ug/kg	384	59.5	1	10/04/23 11:15	10/17/23 16:16	96-12-8	
Dibromochloromethane	**<262**	ug/kg	384	262	1	10/04/23 11:15	10/17/23 16:16	124-48-1	
1,2-Dibromoethane (EDB)	**<21.0**	ug/kg	76.7	21.0	1	10/04/23 11:15	10/17/23 16:16	106-93-4	
Dibromomethane	**<22.7**	ug/kg	76.7	22.7	1	10/04/23 11:15	10/17/23 16:16	74-95-3	
1,2-Dichlorobenzene	**<23.8**	ug/kg	76.7	23.8	1	10/04/23 11:15	10/17/23 16:16	95-50-1	
1,3-Dichlorobenzene	**<21.0**	ug/kg	76.7	21.0	1	10/04/23 11:15	10/17/23 16:16	541-73-1	
1,4-Dichlorobenzene	**<21.0**	ug/kg	76.7	21.0	1	10/04/23 11:15	10/17/23 16:16	106-46-7	
Dichlorodifluoromethane	**<33.0**	ug/kg	76.7	33.0	1	10/04/23 11:15	10/17/23 16:16	75-71-8	
1,1-Dichloroethane	**<19.6**	ug/kg	76.7	19.6	1	10/04/23 11:15	10/17/23 16:16	75-34-3	
1,2-Dichloroethane	**<17.6**	ug/kg	76.7	17.6	1	10/04/23 11:15	10/17/23 16:16	107-06-2	
1,1-Dichloroethene	**<25.5**	ug/kg	76.7	25.5	1	10/04/23 11:15	10/17/23 16:16	75-35-4	
cis-1,2-Dichloroethene	**<16.4**	ug/kg	76.7	16.4	1	10/04/23 11:15	10/17/23 16:16	156-59-2	
trans-1,2-Dichloroethene	**<16.8**	ug/kg	76.7	16.8	1	10/04/23 11:15	10/17/23 16:16	156-60-5	
1,2-Dichloropropane	**<18.3**	ug/kg	76.7	18.3	1	10/04/23 11:15	10/17/23 16:16	78-87-5	
1,3-Dichloropropane	**<16.7**	ug/kg	76.7	16.7	1	10/04/23 11:15	10/17/23 16:16	142-28-9	
2,2-Dichloropropane	**<20.7**	ug/kg	76.7	20.7	1	10/04/23 11:15	10/17/23 16:16	594-20-7	
1,1-Dichloropropene	**<24.9**	ug/kg	76.7	24.9	1	10/04/23 11:15	10/17/23 16:16	563-58-6	
cis-1,3-Dichloropropene	**<50.6**	ug/kg	384	50.6	1	10/04/23 11:15	10/17/23 16:16	10061-01-5	
trans-1,3-Dichloropropene	**<219**	ug/kg	384	219	1	10/04/23 11:15	10/17/23 16:16	10061-02-6	
Diisopropyl ether	**<19.0**	ug/kg	76.7	19.0	1	10/04/23 11:15	10/17/23 16:16	108-20-3	
Ethylbenzene	**<18.3**	ug/kg	76.7	18.3	1	10/04/23 11:15	10/17/23 16:16	100-41-4	
Hexachloro-1,3-butadiene	**<153**	ug/kg	384	153	1	10/04/23 11:15	10/17/23 16:16	87-68-3	
Isopropylbenzene (Cumene)	**<20.7**	ug/kg	76.7	20.7	1	10/04/23 11:15	10/17/23 16:16	98-82-8	
p-Isopropyltoluene	**<26.1**	ug/kg	76.7	26.1	1	10/04/23 11:15	10/17/23 16:16	99-87-6	
Methylene Chloride	**<21.3**	ug/kg	76.7	21.3	1	10/04/23 11:15	10/17/23 16:16	75-09-2	
Methyl-tert-butyl ether	**<22.6**	ug/kg	76.7	22.6	1	10/04/23 11:15	10/17/23 16:16	1634-04-4	
Naphthalene	**104J**	ug/kg	384	32.3	1	10/04/23 11:15	10/17/23 16:16	91-20-3	
n-Propylbenzene	**22.6J**	ug/kg	76.7	18.4	1	10/04/23 11:15	10/17/23 16:16	103-65-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Sample: SP-13A **Lab ID: 40268943011** Collected: 10/03/23 09:55 Received: 10/03/23 14:57 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Styrene	**<19.6**	ug/kg	76.7	19.6	1	10/04/23 11:15	10/17/23 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<18.4**	ug/kg	76.7	18.4	1	10/04/23 11:15	10/17/23 16:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<27.8**	ug/kg	76.7	27.8	1	10/04/23 11:15	10/17/23 16:16	79-34-5	
Tetrachloroethene	**2790**	ug/kg	76.7	29.8	1	10/04/23 11:15	10/17/23 16:16	127-18-4	
Toluene	**<19.3**	ug/kg	76.7	19.3	1	10/04/23 11:15	10/17/23 16:16	108-88-3	
1,2,3-Trichlorobenzene	**<85.5**	ug/kg	384	85.5	1	10/04/23 11:15	10/17/23 16:16	87-61-6	
1,2,4-Trichlorobenzene	**<63.2**	ug/kg	384	63.2	1	10/04/23 11:15	10/17/23 16:16	120-82-1	
1,1,1-Trichloroethane	**<19.6**	ug/kg	76.7	19.6	1	10/04/23 11:15	10/17/23 16:16	71-55-6	
1,1,2-Trichloroethane	**<27.9**	ug/kg	76.7	27.9	1	10/04/23 11:15	10/17/23 16:16	79-00-5	
Trichloroethene	**<28.7**	ug/kg	76.7	28.7	1	10/04/23 11:15	10/17/23 16:16	79-01-6	
Trichlorofluoromethane	**<22.3**	ug/kg	76.7	22.3	1	10/04/23 11:15	10/17/23 16:16	75-69-4	
1,2,3-Trichloropropane	**<37.3**	ug/kg	76.7	37.3	1	10/04/23 11:15	10/17/23 16:16	96-18-4	
1,2,4-Trimethylbenzene	**<22.9**	ug/kg	76.7	22.9	1	10/04/23 11:15	10/17/23 16:16	95-63-6	
1,3,5-Trimethylbenzene	**<24.7**	ug/kg	76.7	24.7	1	10/04/23 11:15	10/17/23 16:16	108-67-8	
Vinyl chloride	**<15.5**	ug/kg	76.7	15.5	1	10/04/23 11:15	10/17/23 16:16	75-01-4	
m&p-Xylene	**43.0J**	ug/kg	153	32.4	1	10/04/23 11:15	10/17/23 16:16	179601-23-1	
o-Xylene	**<23.0**	ug/kg	76.7	23.0	1	10/04/23 11:15	10/17/23 16:16	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	70-139		1	10/04/23 11:15	10/17/23 16:16	2037-26-5	
4-Bromofluorobenzene (S)	129	%	72-142		1	10/04/23 11:15	10/17/23 16:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	67-144		1	10/04/23 11:15	10/17/23 16:16	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.1**	%	0.10	0.10	1		10/12/23 12:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

QC Batch: 457401
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268943001, 40268943002, 40268943003, 40268943004, 40268943005, 40268943006, 40268943007, 40268943008, 40268943009, 40268943010

METHOD BLANK: 2626711 Matrix: Water
Associated Lab Samples: 40268943001, 40268943002, 40268943003, 40268943004, 40268943005, 40268943006, 40268943007, 40268943008, 40268943009, 40268943010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/13/23 08:33	
Ethene	ug/L	<0.25	5.0	10/13/23 08:33	

LABORATORY CONTROL SAMPLE & LCSD: 2626712 2626713

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.6	52.7	100	98	80-120	2	20	
Ethene	ug/L	50	49.4	48.1	99	96	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2626850 2626851

Parameter	Units	40268943006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	47.0	51.9	88	97	77-120	10	20	
Ethene	ug/L	<0.25	50	50	43.1	47.8	86	96	76-120	10	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

QC Batch: 456578
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40268943011

METHOD BLANK: 2621619 Matrix: Solid
Associated Lab Samples: 40268943011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	10/06/23 08:12	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	10/06/23 08:12	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	10/06/23 08:12	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	10/06/23 08:12	
1,1-Dichloroethane	ug/kg	<12.8	50.0	10/06/23 08:12	
1,1-Dichloroethene	ug/kg	<16.6	50.0	10/06/23 08:12	
1,1-Dichloropropene	ug/kg	<16.2	50.0	10/06/23 08:12	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	10/06/23 08:12	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	10/06/23 08:12	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	10/06/23 08:12	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	10/06/23 08:12	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	10/06/23 08:12	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	10/06/23 08:12	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	10/06/23 08:12	
1,2-Dichloroethane	ug/kg	<11.5	50.0	10/06/23 08:12	
1,2-Dichloropropane	ug/kg	<11.9	50.0	10/06/23 08:12	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	10/06/23 08:12	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	10/06/23 08:12	
1,3-Dichloropropane	ug/kg	<10.9	50.0	10/06/23 08:12	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	10/06/23 08:12	
2,2-Dichloropropane	ug/kg	<13.5	50.0	10/06/23 08:12	
2-Chlorotoluene	ug/kg	<16.2	50.0	10/06/23 08:12	
4-Chlorotoluene	ug/kg	<19.0	50.0	10/06/23 08:12	
Benzene	ug/kg	<11.9	20.0	10/06/23 08:12	
Bromobenzene	ug/kg	<19.5	50.0	10/06/23 08:12	
Bromochloromethane	ug/kg	<13.7	50.0	10/06/23 08:12	
Bromodichloromethane	ug/kg	<11.9	50.0	10/06/23 08:12	
Bromoform	ug/kg	<220	250	10/06/23 08:12	
Bromomethane	ug/kg	<70.1	250	10/06/23 08:12	
Carbon tetrachloride	ug/kg	<11.0	50.0	10/06/23 08:12	
Chlorobenzene	ug/kg	<6.0	50.0	10/06/23 08:12	
Chloroethane	ug/kg	<21.1	250	10/06/23 08:12	
Chloroform	ug/kg	<35.8	250	10/06/23 08:12	
Chloromethane	ug/kg	<19.0	50.0	10/06/23 08:12	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	10/06/23 08:12	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	10/06/23 08:12	
Dibromochloromethane	ug/kg	<171	250	10/06/23 08:12	
Dibromomethane	ug/kg	<14.8	50.0	10/06/23 08:12	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	10/06/23 08:12	
Diisopropyl ether	ug/kg	<12.4	50.0	10/06/23 08:12	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

METHOD BLANK: 2621619 Matrix: Solid
Associated Lab Samples: 40268943011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	10/06/23 08:12	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	10/06/23 08:12	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	10/06/23 08:12	
m&p-Xylene	ug/kg	<21.1	100	10/06/23 08:12	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	10/06/23 08:12	
Methylene Chloride	ug/kg	<13.9	50.0	10/06/23 08:12	
n-Butylbenzene	ug/kg	<22.9	50.0	10/06/23 08:12	
n-Propylbenzene	ug/kg	<12.0	50.0	10/06/23 08:12	
Naphthalene	ug/kg	<21.0	250	10/06/23 08:12	
o-Xylene	ug/kg	<15.0	50.0	10/06/23 08:12	
p-Isopropyltoluene	ug/kg	<17.0	50.0	10/06/23 08:12	
sec-Butylbenzene	ug/kg	<17.2	50.0	10/06/23 08:12	
Styrene	ug/kg	<12.8	50.0	10/06/23 08:12	
tert-Butylbenzene	ug/kg	<15.7	50.0	10/06/23 08:12	
Tetrachloroethene	ug/kg	<19.4	50.0	10/06/23 08:12	
Toluene	ug/kg	<12.6	50.0	10/06/23 08:12	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	10/06/23 08:12	
trans-1,3-Dichloropropene	ug/kg	<143	250	10/06/23 08:12	
Trichloroethene	ug/kg	<18.7	50.0	10/06/23 08:12	
Trichlorofluoromethane	ug/kg	<14.5	50.0	10/06/23 08:12	
Vinyl chloride	ug/kg	<10.1	50.0	10/06/23 08:12	
1,2-Dichlorobenzene-d4 (S)	%	111	67-144	10/06/23 08:12	
4-Bromofluorobenzene (S)	%	97	72-142	10/06/23 08:12	
Toluene-d8 (S)	%	97	70-139	10/06/23 08:12	

LABORATORY CONTROL SAMPLE: 2621620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2430	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2670	107	70-130	
1,1-Dichloroethene	ug/kg	2500	2560	102	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2280	91	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1970	79	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2270	91	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2700	108	70-130	
1,2-Dichloroethane	ug/kg	2500	2570	103	70-130	
1,2-Dichloropropane	ug/kg	2500	2530	101	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2730	109	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
Benzene	ug/kg	2500	2610	104	70-130	
Bromodichloromethane	ug/kg	2500	2460	99	70-130	
Bromoform	ug/kg	2500	2210	88	67-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

LABORATORY CONTROL SAMPLE: 2621620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	3530	141	25-150	
Carbon tetrachloride	ug/kg	2500	2470	99	72-136	
Chlorobenzene	ug/kg	2500	2520	101	70-130	
Chloroethane	ug/kg	2500	4040	161	20-178	
Chloroform	ug/kg	2500	2530	101	80-120	
Chloromethane	ug/kg	2500	3060	122	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2410	96	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2330	93	70-130	
Dibromochloromethane	ug/kg	2500	2320	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	2540	102	14-106	
Ethylbenzene	ug/kg	2500	2390	96	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2360	94	70-130	
m&p-Xylene	ug/kg	5000	5200	104	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2080	83	70-130	
Methylene Chloride	ug/kg	2500	2700	108	70-130	
o-Xylene	ug/kg	2500	2640	106	70-130	
Styrene	ug/kg	2500	2870	115	70-130	
Tetrachloroethene	ug/kg	2500	2450	98	70-130	
Toluene	ug/kg	2500	2470	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2510	101	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2240	89	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2690	108	49-141	
Vinyl chloride	ug/kg	2500	2600	104	59-120	
1,2-Dichlorobenzene-d4 (S)	%			113	67-144	
4-Bromofluorobenzene (S)	%			103	72-142	
Toluene-d8 (S)	%			98	70-139	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

QC Batch: 456648
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268943001, 40268943002, 40268943003, 40268943004, 40268943005, 40268943006, 40268943008, 40268943009

METHOD BLANK: 2622139 Matrix: Water
Associated Lab Samples: 40268943001, 40268943002, 40268943003, 40268943004, 40268943005, 40268943006, 40268943008, 40268943009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.58	1.0	10/05/23 08:44	
1,2-Dichloroethene (Total)	ug/L	<1.0	2.0	10/05/23 08:44	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/05/23 08:44	
Tetrachloroethene	ug/L	<0.41	1.0	10/05/23 08:44	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/05/23 08:44	
Trichloroethene	ug/L	<0.32	1.0	10/05/23 08:44	
Vinyl chloride	ug/L	<0.17	1.0	10/05/23 08:44	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	10/05/23 08:44	
4-Bromofluorobenzene (S)	%	100	70-130	10/05/23 08:44	
Toluene-d8 (S)	%	96	70-130	10/05/23 08:44	

LABORATORY CONTROL SAMPLE: 2622140

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	62.4	125	73-140	
1,2-Dichloroethene (Total)	ug/L		107			
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.2	108	70-131	
Trichloroethene	ug/L	50	55.8	112	70-130	
Vinyl chloride	ug/L	50	52.1	104	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			96	70-130	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

QC Batch: 456839
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268943007, 40268943010

METHOD BLANK: 2623296 Matrix: Water
Associated Lab Samples: 40268943007, 40268943010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.58	1.0	10/09/23 08:32	
1,2-Dichloroethene (Total)	ug/L	<1.0	2.0	10/09/23 08:32	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/09/23 08:32	
Tetrachloroethene	ug/L	<0.41	1.0	10/09/23 08:32	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/09/23 08:32	
Trichloroethene	ug/L	<0.32	1.0	10/09/23 08:32	
Vinyl chloride	ug/L	<0.17	1.0	10/09/23 08:32	
1,2-Dichlorobenzene-d4 (S)	%	109	70-130	10/09/23 08:32	
4-Bromofluorobenzene (S)	%	100	70-130	10/09/23 08:32	
Toluene-d8 (S)	%	93	70-130	10/09/23 08:32	

LABORATORY CONTROL SAMPLE: 2623297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	56.4	113	73-140	
1,2-Dichloroethene (Total)	ug/L		103			
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	50.9	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	70-131	
Trichloroethene	ug/L	50	52.4	105	70-130	
Vinyl chloride	ug/L	50	41.6	83	51-145	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2624033 2624034

Parameter	Units	40269069005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	<0.58	50	50	53.7	55.7	107	111	69-146	4	20	
1,2-Dichloroethene (Total)	ug/L	<1.0			99.2	99.6				0	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.7	49.3	101	99	70-130	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.0	50.4	100	101	70-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	48.5	50.3	97	101	70-135	4	20	
Trichloroethene	ug/L	<0.32	50	50	52.1	51.5	104	103	70-130	1	20	
Vinyl chloride	ug/L	<0.17	50	50	41.1	40.3	82	81	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						103	101	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2624033 2624034

Parameter	Units	40269069005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						96	93	70-130			
Toluene-d8 (S)	%						93	93	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

QC Batch: 457311
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40268943011

SAMPLE DUPLICATE: 2626140

Parameter	Units	40269155014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.2	22.3	1	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

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.

DL - Adjusted Method Detection Limit.

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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00542852 Fmr BMO-117 SChestnut
Pace Project No.: 40268943

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40268943001	**MW-2**	EPA 8015B Modified	457401		
40268943002	**MW-3**	EPA 8015B Modified	457401		
40268943003	**MW-4**	EPA 8015B Modified	457401		
40268943004	**MW-5**	EPA 8015B Modified	457401		
40268943005	**MW-6**	EPA 8015B Modified	457401		
40268943006	**MW-8**	EPA 8015B Modified	457401		
40268943007	**MW-9**	EPA 8015B Modified	457401		
40268943008	**MW-10**	EPA 8015B Modified	457401		
40268943009	**MW-11**	EPA 8015B Modified	457401		
40268943010	**MW-12**	EPA 8015B Modified	457401		
40268943011	**SP-13A**	EPA 5035/5030B	456578	EPA 8260	456581
40268943001	**MW-2**	EPA 8260	456648		
40268943002	**MW-3**	EPA 8260	456648		
40268943003	**MW-4**	EPA 8260	456648		
40268943004	**MW-5**	EPA 8260	456648		
40268943005	**MW-6**	EPA 8260	456648		
40268943006	**MW-8**	EPA 8260	456648		
40268943007	**MW-9**	EPA 8260	456839		
40268943008	**MW-10**	EPA 8260	456648		
40268943009	**MW-11**	EPA 8260	456648		
40268943010	**MW-12**	EPA 8260	456839		
40268943011	**SP-13A**	ASTM D2974-87	457311		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

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

40268943

ALL SHADED AREAS are for LAB USE ONLY

Company: PSI, Inc	Billing Information: Same
Address: 821 Corporate Ct, Waukesha	
Report To: Pat Patterson	Email To:
Copy To:	Site Collection Info/Address: Former BMO - 117 S. Chestnut AV
Customer Project Name/Number: 00542852	State: WI County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: 262-521-2125 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Ryy Herpel	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Ryy Herpel	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold._____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis: _____

Container Preservative Type **: 3

Lab Project Manager:

** Preservative Types. (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* 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) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VC, TCE, PCE, DCE, ethene, ethane	Lab Profile/Line: Lab Sample # / Comments:
MW-2	GW		10/3	1250				3	X	001
MW-3				1300						002
MW-4				1245						003
MW-5				1305						004
MW-6				1315						005
MW-8				1320						006
MW-9				1230						007
MW-10				1320						008
MW-11				1325						009
MW-12				1335						010

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature 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:

Sealed 10/3/23

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2825654

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: SR-134

Cooler 1 Temp Upon Receipt: 3.0 oC

Cooler 1 Therm Corr. Factor: — oC

Cooler 1 Corrected Temp: 3.0 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ryy Herpel	10/3/23 14:57	Pace	10/3/23 1457
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

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

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40268943

ALL SHADED AREAS are for LAB USE ONLY

Company: PSI, Inc	Billing Information: Same
Address: 821 Corporate Ct, Waukesha	
Report To: Pat Patterson	Email To:
Copy To:	Site Collection Info/Address: Former BMO - 1175, Chestnut
Customer Project Name/Number: 00542852	State: WI County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: 262-521-2125 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Kuy Herpel	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Kuy Herpel	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 6

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* 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) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC	Lab Profile/Line
SP-13A	SL		10/3	955				2	X	011

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature 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:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2825655

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 8K-124
Cooler 1 Temp Upon Receipt: 3.0 oC
Cooler 1 Therm Corr. Factor: — oC
Cooler 1 Corrected Temp: 3.0 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kuy Herpel	10/3/23 13:57	JM Pace	10/3/23 1457
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

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

Sample Preservation Receipt Form

Client Name: PSI Inc

Project # 402689 43

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

Lab Lot# of pH paper.

Lab Std #ID of preservation (if pH adjusted)

Initial when completed.

Date/ Time.

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3																	2.5 / 5
002																	3																	2.5 / 5
003																	3																	2.5 / 5
004																	3																	2.5 / 5
005																	3																	2.5 / 5
006																	3																	2.5 / 5
007																	3																	2.5 / 5
008																	3																	2.5 / 5
009																	3																	2.5 / 5
010																	3																	2.5 / 5
011																		1					1											2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

10/3/23 NK

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	VG9C	40 mL clear ascorbic w/ HCl	JGFU	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	WGFU	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40268943

40268943

Client Name: PSI Inc

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 134 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 3.0 /Corr: 3.0

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 10/3/23 /Initials: NK

Labeled By Initials: SG

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:	☒Yes ☐No ☐N/A	1. + CC 10/3/23 NK
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished.	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time.
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: ~~Pace Green Bay~~, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: 10/3/23 NK	~~☐Yes~~ ☒No ☐N/A	12. no times on some samples
-Includes date/time/ID/Analysis Matrix: WS		10/3/23 NK
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒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: _____

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

Page 2 of 2

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 18, 2023

Patrick Patterson
PSI
821 Corporate Ct.
Suite 102
Waukesha, WI 53189

RE: Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Dear Patrick Patterson:

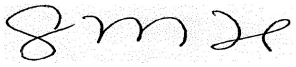
Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 Services - Green Bay

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

Sincerely,



Angela Lane
angela.lane@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40269158001	**MW-15**	Water	10/06/23 12:50	10/06/23 14:00

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269158001	**MW-15**	EPA 8015B Modified	KHB	2	PASI-G
		EPA 8260	CXJ	10	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Method: **EPA 8015B Modified**
Description: Methane, Ethane, Ethene GCV
Client: PSI - Waukesha
Date: October 18, 2023

General Information:
1 sample was analyzed for EPA 8015B Modified by Pace Analytical Services Green Bay. 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.

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.

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.

Additional Comments:

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

PROJECT NARRATIVE

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Method: **EPA 8260**
Description: 8260 MSV
Client: PSI - Waukesha
Date: October 18, 2023

General Information:
1 sample was analyzed for EPA 8260 by Pace Analytical Services Green Bay. 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.

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.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

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

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.

Additional Comments:

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Sample: MW-15 **Lab ID: 40269158001** Collected: 10/06/23 12:50 Received: 10/06/23 14:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		10/13/23 10:44	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		10/13/23 10:44	74-85-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethene (Total)	**<1.0**	ug/L	2.0	1.0	1		10/10/23 15:43	540-59-0	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/10/23 15:43	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/10/23 15:43	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/10/23 15:43	156-60-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/10/23 15:43	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/10/23 15:43	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/10/23 15:43	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/10/23 15:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/10/23 15:43	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/10/23 15:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

QC Batch: 457401
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269158001

METHOD BLANK: 2626711 Matrix: Water
Associated Lab Samples: 40269158001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/13/23 08:33	
Ethene	ug/L	<0.25	5.0	10/13/23 08:33	

LABORATORY CONTROL SAMPLE & LCSD: 2626712 2626713

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.6	52.7	100	98	80-120	2	20	
Ethene	ug/L	50	49.4	48.1	99	96	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2626850 2626851

Parameter	Units	40268943006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	47.0	51.9	88	97	77-120	10	20	
Ethene	ug/L	<0.25	50	50	43.1	47.8	86	96	76-120	10	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

QC Batch: 456989
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269158001

METHOD BLANK: 2624190 Matrix: Water
Associated Lab Samples: 40269158001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.58	1.0	10/10/23 10:09	
1,2-Dichloroethene (Total)	ug/L	<1.0	2.0	10/10/23 10:09	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/10/23 10:09	
Tetrachloroethene	ug/L	<0.41	1.0	10/10/23 10:09	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/10/23 10:09	
Trichloroethene	ug/L	<0.32	1.0	10/10/23 10:09	
Vinyl chloride	ug/L	<0.17	1.0	10/10/23 10:09	
1,2-Dichlorobenzene-d4 (S)	%	109	70-130	10/10/23 10:09	
4-Bromofluorobenzene (S)	%	98	70-130	10/10/23 10:09	
Toluene-d8 (S)	%	94	70-130	10/10/23 10:09	

LABORATORY CONTROL SAMPLE: 2624191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	66.5	133	73-140	
1,2-Dichloroethene (Total)	ug/L		111			
cis-1,2-Dichloroethene	ug/L	50	55.5	111	70-130	
Tetrachloroethene	ug/L	50	54.7	109	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.7	111	70-131	
Trichloroethene	ug/L	50	57.6	115	70-130	
Vinyl chloride	ug/L	50	60.4	121	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2624347 2624348

Parameter	Units	40269157012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	<0.58	50	50	66.3	64.6	133	129	69-146	3	20	
1,2-Dichloroethene (Total)	ug/L	<1.0			108	111				3	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.7	55.6	107	111	70-130	4	20	
Tetrachloroethene	ug/L	<0.41	50	50	52.7	55.9	105	112	70-131	6	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.7	55.5	109	111	70-135	1	20	
Trichloroethene	ug/L	<0.32	50	50	55.8	56.9	112	114	70-130	2	20	
Vinyl chloride	ug/L	<0.17	50	50	57.8	58.8	116	118	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						101	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2624347 2624348

Parameter	Units	40269157012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						93	93	70-130			
Toluene-d8 (S)	%						91	93	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

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.

DL - Adjusted Method Detection Limit.

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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00542852-Fmr BMO-117 SChestnut
Pace Project No.: 40269158

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269158001	**MW-15**	EPA 8015B Modified	457401		
40269158001	**MW-15**	EPA 8260	456989		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here: 40269158

ALL SHADED AREAS are for LAB USE ONLY

Company: PSI, Inc	Billing Information: Same
Address: 821 Corporate Ct, Waukesha	
Report To: Pat Patterson	Email To:
Copy To:	Site Collection Info/Address: Former BMO ~ 117 S. Chestnut
Customer Project Name/Number: 00542852	State: WI County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 262-521-2125 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Kay Herpel	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Kay Herpel	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: VC, TCE, PCE, DCE, Ethene, Ethane

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature 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:

10/06/2023

* 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) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses	Lab Profile/Line
MW-15	GW		10/6	1250				3	X	001

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2825653

Samples received via: FEDEX UPS (Client) Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: IR1
Cooler 1 Temp Upon Receipt: 1.0 oC
Cooler 1 Therm Corr. Factor: -0.5 oC
Cooler 1 Corrected Temp: 0.5 oC
Comments:

MNS 10/06/2023

Trip Blank Received: Y (N) NA
(HCl) MeOH TSP Other

Additional Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kay Herpel	10/6/23 14:00	Matt VanSambeek-Pace	10/06/2023 14:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB: 10/06/2023

Non-conformance(s): YES / NO

Client Name: PSI, INC

Sample Preservation Receipt Form

Project # ✓ 40269158

All containers needing preservation have been checked and noted below. ☐Yes ☐No ☑N/A

Initial when completed. MM Date/ Time. 10/06/2023

Lab Lot# of pH paper. Lab Std #ID of preservation (if pH adjusted).

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3																	2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

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	**VG9C**	40 mL clear ascorbic w/ HCl	**JGFU**	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	**WGFU**	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
AG5U	100 mL amber glass unpres	**BP3S**	250 mL plastic H2SO4	**VG9M**	40 mL clear vial MeOH	**SP5T**	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	**BP2Z**	500 mL plastic NaOH + Zn	**VG9D**	40 mL clear vial DI	**ZPLC**	ziploc bag
BG3U	250 mL clear glass unpres					**GN 1**	
						GN 2	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40269158

40269158

Client Name: PSI, Inc

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

Tracking #: _____

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

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 0.5

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 10/06/2023 Initials: MH

Labeled By Initials: mtt

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:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume. For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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: _____

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

Page 2 of 2

Synergy Environmental Lab, LLC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

PAT PATTERSON
PSI
821 CORPORATE COURT
WAUKESHA, WI 53189

Report Date *03-Oct-23*

Project Name FORMER BMO BANK **Invoice #** E43004
Project # 00542852

Lab Code 5043004A
Sample ID SUB-SLAB 1
Sample Matrix Air
Sample Date 9/26/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		10/2/2023	CJR	1
trans-1,2-Dichloroethene	0.52 "J"	ug/m3	0.231	0.734	1	TO-15		10/2/2023	CJR	1
Tetrachloroethene	201	ug/m3	0.278	0.884	1	TO-15		10/2/2023	CJR	1
Trichloroethene (TCE)	4.0	ug/m3	0.237	0.754	1	TO-15		10/2/2023	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		10/2/2023	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

eurofins | Air Toxics

10/26/2023
Mr. Kuy Herpel
Intertek PSI
821 Corporate Court

Waukesha WI 53189

Project Name: Former BMO-Green Bay
Project #: 00542852
Workorder #: 2310132

Dear Mr. Kuy Herpel

The following report includes the data for the above referenced project for sample(s) received on 10/9/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. RAD130/SKC are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Jade White

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2310132

Work Order Summary

CLIENT:	Mr. Kuy Herpel Intertek PSI 821 Corporate Court Waukesha, WI 53189	**BILL TO:**	AP Intertek PSI 545 E. Algonquin Road Arlington Heights, IL 60005
PHONE:	262-787-8254	**P.O. #**	00542852
FAX:		**PROJECT #**	00542852 Former BMO-Green Bay
DATE RECEIVED:	10/09/2023	**CONTACT:**	Jade White
DATE COMPLETED:	10/19/2023		

FRACTION #	NAME	TEST
01A	NW Restroom	Passive S.E. RAD130/SKC
02A	Lab Blank	Passive S.E. RAD130/SKC
03A	CCV	Passive S.E. RAD130/SKC
04A	LCS	Passive S.E. RAD130/SKC
04AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY:  DATE: 10/19/23

Technical Director

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
Intertek PSI
Workorder# 2310132

One Radiello 130 (Solvent) sample was received on October 09, 2023. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

Requirement	***TO-17***	***ATL Modifications***
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The uptake rates were corrected based on average field temperatures if provided. In the absence of field temperatures, the uptake rates determined at 25 deg C were used.

If validated uptake rates were not available, rates were estimated using the chemical's diffusion coefficient in air and the geometric constant of the sampler. Chemicals that are poorly retained by the sorbent over the sampling duration may exhibit a low bias. All concentrations calculated using estimated rates are qualified with a "C" flag.

To calculate ug/m3 concentrations in the Lab Blank, a sampling duration of 14375 minutes was applied. The assumed temperature used for the uptake rate is listed on the data page. If the field temperatures were provided, the rate was adjusted in the same manner as the field samples.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

eurofins | Air Toxics

Summary of Detected Compounds
VOCS BY PASSIVE SAMPLER - GC/MS

Client Sample ID: NW Restroom

Lab ID#: 2310132-01A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Tetrachloroethene	0.10	0.12	7.0	8.2

eurofins | Air Toxics

Client Sample ID: NW Restroom

Lab ID#: 2310132-01A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c101207sim**	**Date of Collection: 10/6/23 12:25:00 PM**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/23 12:29 PM**	
		Date of Extraction: 10/12/23	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.10	Not Detected	Not Detected
Tetrachloroethene	0.10	0.12	7.0	8.2
1,1-Dichloroethene	0.40	0.37	Not Detected C	Not Detected C
cis-1,2-Dichloroethene	0.10	0.11	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.23	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 14375 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

eurofins | Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2310132-02A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c101206sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/23 10:59 AM**	
		Date of Extraction: 10/12/23	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.10	Not Detected	Not Detected
Tetrachloroethene	0.10	0.12	Not Detected	Not Detected
1,1-Dichloroethene	0.40	0.37	Not Detected C	Not Detected C
cis-1,2-Dichloroethene	0.10	0.11	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.23	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 14375 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	86	70-130

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2310132-03A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c101202sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/23 08:58 AM**
		Date of Extraction: NA

Compound	%Recovery
Trichloroethene	93
Tetrachloroethene	93
1,1-Dichloroethene	91
cis-1,2-Dichloroethene	91
trans-1,2-Dichloroethene	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	87	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2310132-04A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c101203sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/23 09:25 AM**	
		Date of Extraction: 10/12/23	

Compound	%Recovery	Method Limits
Trichloroethene	88	70-130
Tetrachloroethene	84	70-130
1,1-Dichloroethene	82	70-130
cis-1,2-Dichloroethene	82	70-130
trans-1,2-Dichloroethene	82	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2310132-04AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c101204sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/23 09:52 AM**	
		Date of Extraction: 10/12/23	

Compound	%Recovery	Method Limits
Trichloroethene	87	70-130
Tetrachloroethene	84	70-130
1,1-Dichloroethene	83	70-130
cis-1,2-Dichloroethene	82	70-130
trans-1,2-Dichloroethene	82	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	87	70-130