

Enbridge Energy, Limited Partnership  
Enbridge Energy Line 6 Cambridge Station  
W8375 Highway 18  
Cambridge, Wisconsin 53523  
BRRTS Activity # 02-28-595980

**Summary of Laboratory Analytical Reports**

- Confirmation Soil Sampling Results
- Direct Push Soil Sampling Results
- Magnitude of Impact Soil Sampling Results
- Onsite Monitoring Well Groundwater Sampling Results
- Onsite Potable Water Well Groundwater Sampling Results
- Surface Water Sampling Results
- Residential Private Water Well Groundwater Sampling Results
- Onsite Temporary Monitoring Well Groundwater Sampling Results

# Soils - Confirmation Soil Sampling



November 20, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287687

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2024. 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,

A handwritten signature in cursive script that reads "Christopher Hyska".

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287687

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40287687001	CSRSC001	Solid	11/18/24 09:40	11/19/24 08:50

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287687

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40287687001	CSRSC001	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40287687001</b>	<b>CSRSC001</b>					
EPA 8270E by SIM	1-Methylnaphthalene	0.021	mg/kg	0.020	11/20/24 10:21	
EPA 8270E by SIM	2-Methylnaphthalene	0.033	mg/kg	0.020	11/20/24 10:21	
EPA 8270E by SIM	Naphthalene	0.0097J	mg/kg	0.020	11/20/24 10:21	
EPA 8260	Benzene	0.0034J	mg/kg	0.0050	11/19/24 12:48	
EPA 8260	Ethylbenzene	0.0010J	mg/kg	0.0050	11/19/24 12:48	
ASTM D2974-87	Percent Moisture	18.0	%	0.10	11/19/24 09:59	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

Sample: CSRSC001 Lab ID: 40287687001 Collected: 11/18/24 09:40 Received: 11/19/24 08:50 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0026	mg/kg	0.020	0.0026	1	11/20/24 08:13	11/20/24 10:21	83-32-9	
Acenaphthylene	<0.0026	mg/kg	0.020	0.0026	1	11/20/24 08:13	11/20/24 10:21	208-96-8	
Anthracene	<0.0025	mg/kg	0.020	0.0025	1	11/20/24 08:13	11/20/24 10:21	120-12-7	
Benzo(a)anthracene	<0.0026	mg/kg	0.020	0.0026	1	11/20/24 08:13	11/20/24 10:21	56-55-3	
Benzo(a)pyrene	<0.0023	mg/kg	0.020	0.0023	1	11/20/24 08:13	11/20/24 10:21	50-32-8	
Benzo(b)fluoranthene	<0.0028	mg/kg	0.020	0.0028	1	11/20/24 08:13	11/20/24 10:21	205-99-2	
Benzo(g,h,i)perylene	<0.0036	mg/kg	0.020	0.0036	1	11/20/24 08:13	11/20/24 10:21	191-24-2	
Benzo(k)fluoranthene	<0.0026	mg/kg	0.020	0.0026	1	11/20/24 08:13	11/20/24 10:21	207-08-9	
Chrysene	<0.0038	mg/kg	0.020	0.0038	1	11/20/24 08:13	11/20/24 10:21	218-01-9	
Dibenz(a,h)anthracene	<0.0028	mg/kg	0.020	0.0028	1	11/20/24 08:13	11/20/24 10:21	53-70-3	
Fluoranthene	<0.0024	mg/kg	0.020	0.0024	1	11/20/24 08:13	11/20/24 10:21	206-44-0	
Fluorene	<0.0024	mg/kg	0.020	0.0024	1	11/20/24 08:13	11/20/24 10:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0042	mg/kg	0.020	0.0042	1	11/20/24 08:13	11/20/24 10:21	193-39-5	
1-Methylnaphthalene	0.021	mg/kg	0.020	0.0030	1	11/20/24 08:13	11/20/24 10:21	90-12-0	
2-Methylnaphthalene	0.033	mg/kg	0.020	0.0030	1	11/20/24 08:13	11/20/24 10:21	91-57-6	
Naphthalene	0.0097J	mg/kg	0.020	0.0020	1	11/20/24 08:13	11/20/24 10:21	91-20-3	
Phenanthrene	<0.0023	mg/kg	0.020	0.0023	1	11/20/24 08:13	11/20/24 10:21	85-01-8	
Pyrene	<0.0030	mg/kg	0.020	0.0030	1	11/20/24 08:13	11/20/24 10:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-120		1	11/20/24 08:13	11/20/24 10:21	321-60-8	
Terphenyl-d14 (S)	83	%	36-120		1	11/20/24 08:13	11/20/24 10:21	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	0.0034J	mg/kg	0.0050	0.00070	1	11/19/24 10:00	11/19/24 12:48	71-43-2	
Ethylbenzene	0.0010J	mg/kg	0.0050	0.00089	1	11/19/24 10:00	11/19/24 12:48	100-41-4	
Methyl-tert-butyl ether	<0.0020	mg/kg	0.0050	0.0020	1	11/19/24 10:00	11/19/24 12:48	1634-04-4	
Toluene	<0.00088	mg/kg	0.0050	0.00088	1	11/19/24 10:00	11/19/24 12:48	108-88-3	
1,2,4-Trimethylbenzene	<0.0028	mg/kg	0.0050	0.0028	1	11/19/24 10:00	11/19/24 12:48	95-63-6	v2
1,3,5-Trimethylbenzene	<0.0030	mg/kg	0.0050	0.0030	1	11/19/24 10:00	11/19/24 12:48	108-67-8	
Xylene (Total)	<0.0034	mg/kg	0.0099	0.0034	1	11/19/24 10:00	11/19/24 12:48	1330-20-7	
m&p-Xylene	<0.0023	mg/kg	0.0050	0.0023	1	11/19/24 10:00	11/19/24 12:48	179601-23-1	
o-Xylene	<0.0010	mg/kg	0.0050	0.0010	1	11/19/24 10:00	11/19/24 12:48	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	11/19/24 10:00	11/19/24 12:48	2199-69-1	
4-Bromofluorobenzene (S)	109	%	69-158		1	11/19/24 10:00	11/19/24 12:48	460-00-4	
Toluene-d8 (S)	110	%	70-146		1	11/19/24 10:00	11/19/24 12:48	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.0	%	0.10	0.10	1		11/19/24 09:59		

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

QC Batch: 490636

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030

Analysis Description: 8260 MSV Low

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287687001

METHOD BLANK: 2809483

Matrix: Solid

Associated Lab Samples: 40287687001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	11/19/24 11:37	v2
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	11/19/24 11:37	
Benzene	mg/kg	<0.00071	0.0050	11/19/24 11:37	
Ethylbenzene	mg/kg	<0.00089	0.0050	11/19/24 11:37	
m&p-Xylene	mg/kg	<0.0024	0.0050	11/19/24 11:37	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	11/19/24 11:37	
o-Xylene	mg/kg	<0.0011	0.0050	11/19/24 11:37	
Toluene	mg/kg	<0.00088	0.0050	11/19/24 11:37	
Xylene (Total)	mg/kg	<0.0034	0.010	11/19/24 11:37	
1,2-Dichlorobenzene-d4 (S)	%	110	70-130	11/19/24 11:37	
4-Bromofluorobenzene (S)	%	106	69-158	11/19/24 11:37	
Toluene-d8 (S)	%	94	70-146	11/19/24 11:37	

LABORATORY CONTROL SAMPLE & LCSD: 2809484

2809485

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.05	0.055	0.053	109	107	70-130	2	20	
Ethylbenzene	mg/kg	0.05	0.051	0.050	103	100	70-130	2	20	
m&p-Xylene	mg/kg	0.1	0.10	0.10	104	102	70-130	2	20	
Methyl-tert-butyl ether	mg/kg	0.05	0.044	0.042	88	85	61-130	4	20	
o-Xylene	mg/kg	0.05	0.050	0.049	100	98	70-130	2	20	
Toluene	mg/kg	0.05	0.052	0.050	104	101	70-130	3	20	
Xylene (Total)	mg/kg	0.15	0.15	0.15	103	101	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%				101	100	70-130			
4-Bromofluorobenzene (S)	%				108	106	69-158			
Toluene-d8 (S)	%				99	97	70-146			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2809486

2809487

Parameter	Units	40287603007		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Benzene	mg/kg	<0.00071	0.053	0.043	0.091	0.051	172	116	68-143	56	28	M1,R1			
Ethylbenzene	mg/kg	<0.00089	0.053	0.043	0.11	0.048	212	110	43-160	79	37	M1,R1			
m&p-Xylene	mg/kg	<0.0024	0.1	0.088	0.22	0.095	207	108	39-161	79	39	M1,R1			
Methyl-tert-butyl ether	mg/kg	<0.0020	0.053	0.043	0.079	0.046	150	104	44-148	53	28	M1,R1			
o-Xylene	mg/kg	<0.0011	0.053	0.043	0.091	0.043	173	97	43-152	72	40	M1,R1			
Toluene	mg/kg	<0.00088	0.053	0.043	0.12	0.061	234	139	46-167	67	36	M1,R1			

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

Parameter	Units	2809486		2809487		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40287603007 Result	MS Spike Conc.	MSD Spike Conc.									
Xylene (Total)	mg/kg	<0.0034	0.16	0.13	0.31	0.14	196	105	38-161	77	38	MS,RS	
1,2-Dichlorobenzene-d4 (S)	%						108	107	70-130			1q	
4-Bromofluorobenzene (S)	%						147	165	69-158			S0	
Toluene-d8 (S)	%						137	130	70-146				

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

QC Batch: 490689

Analysis Method: EPA 8270E by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270E/3546 MSSV PAH by SIM

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287687001

METHOD BLANK: 2809712

Matrix: Solid

Associated Lab Samples: 40287687001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	11/20/24 09:51	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	11/20/24 09:51	
Acenaphthene	mg/kg	<0.0022	0.017	11/20/24 09:51	
Acenaphthylene	mg/kg	<0.0021	0.017	11/20/24 09:51	
Anthracene	mg/kg	<0.0021	0.017	11/20/24 09:51	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	11/20/24 09:51	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	11/20/24 09:51	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	11/20/24 09:51	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	11/20/24 09:51	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	11/20/24 09:51	
Chrysene	mg/kg	<0.0032	0.017	11/20/24 09:51	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	11/20/24 09:51	
Fluoranthene	mg/kg	<0.0020	0.017	11/20/24 09:51	
Fluorene	mg/kg	<0.0020	0.017	11/20/24 09:51	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	11/20/24 09:51	
Naphthalene	mg/kg	<0.0016	0.017	11/20/24 09:51	
Phenanthrene	mg/kg	<0.0019	0.017	11/20/24 09:51	
Pyrene	mg/kg	<0.0025	0.017	11/20/24 09:51	
2-Fluorobiphenyl (S)	%	73	36-120	11/20/24 09:51	
Terphenyl-d14 (S)	%	95	36-120	11/20/24 09:51	

LABORATORY CONTROL SAMPLE: 2809713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.25	74	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.25	74	51-120	
Acenaphthene	mg/kg	0.33	0.25	74	56-120	
Acenaphthylene	mg/kg	0.33	0.26	77	56-120	
Anthracene	mg/kg	0.33	0.27	82	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.25	75	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.26	78	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.28	83	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.28	84	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.27	80	62-120	
Chrysene	mg/kg	0.33	0.26	78	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.27	82	62-120	
Fluoranthene	mg/kg	0.33	0.28	85	62-120	
Fluorene	mg/kg	0.33	0.26	79	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.28	83	63-120	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

LABORATORY CONTROL SAMPLE: 2809713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.33	0.22	65	48-120	
Phenanthrene	mg/kg	0.33	0.26	79	57-120	
Pyrene	mg/kg	0.33	0.27	80	57-120	
2-Fluorobiphenyl (S)	%			76	36-120	
Terphenyl-d14 (S)	%			86	36-120	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

QC Batch: 490572

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287687001

SAMPLE DUPLICATE: 2809088

Parameter	Units	40287524032 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.6	17.0	9	10	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287687

### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- |    |   |
|----|---|
| 1q | The internal standard response was below the laboratory acceptance criteria limits confirmed by re-analysis. The results reported are from the most QC compliant analysis. Results may be biased high.                          |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.   |
| MS | Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.   |
| R1 | RPD value was outside control limits.   |
| RS | The RPD value in one of the constituent analytes was outside the control limits.  |
| S0 | Surrogate recovery outside laboratory control limits.   |
| v2 | The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard. |

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287687

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40287687001	CSRSC001	EPA 3546	490689	EPA 8270E by SIM	490725
40287687001	CSRSC001	EPA 5035/5030	490636	EPA 8260	490768
40287687001	CSRSC001	ASTM D2974-87	490572		

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**Pace**  
 Pace® Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40287687

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DalSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDalSanto@geiconsultants.com  
 Cc E-Mail:

Customer Project #: 2408314  
 Project Name: Cambridge Station Release

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable):  
 Quote #:

Specify Container Size **									
6	10			10	10				
Identify Container Preservative Type***									
11	1			1	1				
Analysis Requested									

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
 \*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 Other Standard

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):  
 [ ] Same Day [ X ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

Date Results Requested: ~~11-18-2024~~ 11-20-2024  
 Field Filtered (if applicable): [ ] Yes [ ] No

\* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		WI PVOCs 8260	PAHs 8270sim, Dry Weight	TCLP VOC 8260, TCLP SVOC 8270, TCLP RCRA metals 6010-7470	10-10 Flashpoint
			Date	Time	Date	Time		Results	Units				
CSRSC001	SS	G	NA	NA	11-18-24	0940	4	NA	NA	✓	✓		

Proj. Mgr:  
**Christopher Hyska**  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template:  
**5978**  
 Prelog / Bottle Ord. ID:  
**EZ 3167069**

Sample Comment

001

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected by: (Printed Name) Brad DalSanto  
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice:

Relinquished by/Company: (Signature) BJD

Date/Time: 11-18-2024 15:00

Received by/Company: (Signature) CRG

Date/Time: 11-18-2024 15:00

Tracking Number:

Relinquished by/Company: (Signature) CRG

Date/Time: 11-18-2024 15:45

Received by/Company: (Signature) Marisa Malden

Date/Time: 11-18-2024 15:45

Delivered by: [ ] In-Person [ ] Courier

Relinquished by/Company: (Signature) CS Loantia

Date/Time: 11/19/24 0840

Received by/Company: (Signature) [Signature]

Date/Time: 11/19/24 0840

[ ] FedEx [ ] UPS [ ] Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Page: | of |



40287687

DC#\_Title: ENV-FRM-GBAY-0035 v03\_Sample Preservation Receipt Form

Effective Date: 8/16/2022

Client Name: GEI

Sample Preservation Receipt Form

Project # 40287687

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper:

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

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2	
001																																			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

ml / l / gal

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

<b>AG1U</b> 1 liter amber glass	<b>BP1U</b> 1 liter plastic unpres	<b>VG9C</b> 40 mL clear ascorbic w/ HCl	<b>JG9U</b> 4 oz amber jar unpres
<b>BG1U</b> 1 liter clear glass	<b>BP3U</b> 250 mL plastic unpres	<b>DG9T</b> 40 mL amber Na Thio	<b>JG9U</b> 9 oz amber jar unpres
<b>AG1H</b> 1 liter amber glass HCL	<b>BP3B</b> 250 mL plastic NaOH	<b>VG9U</b> 40 mL clear vial unpres	<b>WGFU</b> 4 oz clear jar unpres
<b>AG4S</b> 125 mL amber glass H2SO4	<b>BP3N</b> 250 mL plastic HNO3	<b>VG9H</b> 40 mL clear vial HCL	<b>WPFU</b> 4 oz plastic jar unpres
<b>AG5U</b> 100 mL amber glass unpres	<b>BP3S</b> 250 mL plastic H2SO4	<b>VG9M</b> 40 mL clear vial MeOH	<b>SP5T</b> 120 mL plastic Na Thiosulfate
<b>AG2S</b> 500 mL amber glass H2SO4	<b>BP2Z</b> 500 mL plastic NaOH + Zn	<b>VG9D</b> 40 mL clear vial DI	<b>ZPLC</b> ziploc bag
<b>BG3U</b> 250 mL clear glass unpres			<b>GN 1</b>
			<b>GN 2</b>

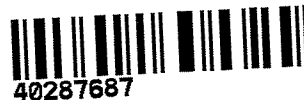
### Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GEI

WO#: **40287687**

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



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

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 120 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:

Date: 8/17/20 /Initials: mt

Labeled By Initials: mt

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

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

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

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

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

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



November 26, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288032

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 23, 2024. 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,

A handwritten signature in cursive script that reads "Christopher Hyska".

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288032

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40287976002	CSRSC002	Solid	11/22/24 08:50	11/23/24 08:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40287976002	CSRSC002	EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G

---

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40287976002</b>	<b>CSRSC002</b>					
EPA 8270E by SIM	1-Methylnaphthalene	0.011J	mg/kg	0.020	11/25/24 13:33	
EPA 8270E by SIM	2-Methylnaphthalene	0.012J	mg/kg	0.020	11/25/24 13:33	
EPA 8270E by SIM	Naphthalene	0.018J	mg/kg	0.020	11/25/24 13:33	
EPA 8260	Benzene	0.0020J	mg/kg	0.0049	11/25/24 12:40	
EPA 8260	Ethylbenzene	0.0038J	mg/kg	0.0049	11/25/24 12:40	
ASTM D2974-87	Percent Moisture	16.2	%	0.10	11/25/24 13:09	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

Sample: CSRSC002 Lab ID: 40287976002 Collected: 11/22/24 08:50 Received: 11/23/24 08:40 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0026	mg/kg	0.020	0.0026	1	11/25/24 08:07	11/25/24 13:33	83-32-9	
Acenaphthylene	<0.0025	mg/kg	0.020	0.0025	1	11/25/24 08:07	11/25/24 13:33	208-96-8	
Anthracene	<0.0025	mg/kg	0.020	0.0025	1	11/25/24 08:07	11/25/24 13:33	120-12-7	
Benzo(a)anthracene	<0.0026	mg/kg	0.020	0.0026	1	11/25/24 08:07	11/25/24 13:33	56-55-3	
Benzo(a)pyrene	<0.0023	mg/kg	0.020	0.0023	1	11/25/24 08:07	11/25/24 13:33	50-32-8	
Benzo(b)fluoranthene	<0.0028	mg/kg	0.020	0.0028	1	11/25/24 08:07	11/25/24 13:33	205-99-2	
Benzo(g,h,i)perylene	<0.0035	mg/kg	0.020	0.0035	1	11/25/24 08:07	11/25/24 13:33	191-24-2	
Benzo(k)fluoranthene	<0.0025	mg/kg	0.020	0.0025	1	11/25/24 08:07	11/25/24 13:33	207-08-9	
Chrysene	<0.0038	mg/kg	0.020	0.0038	1	11/25/24 08:07	11/25/24 13:33	218-01-9	
Dibenz(a,h)anthracene	<0.0028	mg/kg	0.020	0.0028	1	11/25/24 08:07	11/25/24 13:33	53-70-3	
Fluoranthene	<0.0024	mg/kg	0.020	0.0024	1	11/25/24 08:07	11/25/24 13:33	206-44-0	
Fluorene	<0.0024	mg/kg	0.020	0.0024	1	11/25/24 08:07	11/25/24 13:33	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0041	mg/kg	0.020	0.0041	1	11/25/24 08:07	11/25/24 13:33	193-39-5	
1-Methylnaphthalene	0.011J	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:33	90-12-0	
2-Methylnaphthalene	0.012J	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:33	91-57-6	
Naphthalene	0.018J	mg/kg	0.020	0.0019	1	11/25/24 08:07	11/25/24 13:33	91-20-3	
Phenanthrene	<0.0023	mg/kg	0.020	0.0023	1	11/25/24 08:07	11/25/24 13:33	85-01-8	
Pyrene	<0.0029	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:33	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	75	%	36-120		1	11/25/24 08:07	11/25/24 13:33	321-60-8	
Terphenyl-d14 (S)	82	%	36-120		1	11/25/24 08:07	11/25/24 13:33	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	0.0020J	mg/kg	0.0049	0.00069	1	11/25/24 06:00	11/25/24 12:40	71-43-2	
Ethylbenzene	0.0038J	mg/kg	0.0049	0.00087	1	11/25/24 06:00	11/25/24 12:40	100-41-4	
Methyl-tert-butyl ether	<0.0020	mg/kg	0.0049	0.0020	1	11/25/24 06:00	11/25/24 12:40	1634-04-4	
Toluene	<0.00086	mg/kg	0.0049	0.00086	1	11/25/24 06:00	11/25/24 12:40	108-88-3	
1,2,4-Trimethylbenzene	<0.0027	mg/kg	0.0049	0.0027	1	11/25/24 06:00	11/25/24 12:40	95-63-6	
1,3,5-Trimethylbenzene	<0.0030	mg/kg	0.0049	0.0030	1	11/25/24 06:00	11/25/24 12:40	108-67-8	
Xylene (Total)	<0.0033	mg/kg	0.0097	0.0033	1	11/25/24 06:00	11/25/24 12:40	1330-20-7	
m&p-Xylene	<0.0023	mg/kg	0.0049	0.0023	1	11/25/24 06:00	11/25/24 12:40	179601-23-1	
o-Xylene	<0.0010	mg/kg	0.0049	0.0010	1	11/25/24 06:00	11/25/24 12:40	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	11/25/24 06:00	11/25/24 12:40	2199-69-1	
4-Bromofluorobenzene (S)	101	%	69-158		1	11/25/24 06:00	11/25/24 12:40	460-00-4	
Toluene-d8 (S)	95	%	70-146		1	11/25/24 06:00	11/25/24 12:40	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.2	%	0.10	0.10	1		11/25/24 13:09		

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

QC Batch: 491144

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030

Analysis Description: 8260 MSV Low

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976002

METHOD BLANK: 2812195

Matrix: Solid

Associated Lab Samples: 40287976002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	11/25/24 11:15	
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	11/25/24 11:15	
Benzene	mg/kg	<0.00071	0.0050	11/25/24 11:15	
Ethylbenzene	mg/kg	<0.00089	0.0050	11/25/24 11:15	
m&p-Xylene	mg/kg	<0.0024	0.0050	11/25/24 11:15	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	11/25/24 11:15	
o-Xylene	mg/kg	<0.0011	0.0050	11/25/24 11:15	
Toluene	mg/kg	<0.00088	0.0050	11/25/24 11:15	
Xylene (Total)	mg/kg	<0.0034	0.010	11/25/24 11:15	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	11/25/24 11:15	
4-Bromofluorobenzene (S)	%	99	69-158	11/25/24 11:15	
Toluene-d8 (S)	%	94	70-146	11/25/24 11:15	

LABORATORY CONTROL SAMPLE & LCSD: 2812196

2812197

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.05	0.043	0.041	86	81	70-130	5	20	
Ethylbenzene	mg/kg	0.05	0.044	0.041	88	83	70-130	6	20	
m&p-Xylene	mg/kg	0.1	0.091	0.087	91	87	70-130	5	20	
Methyl-tert-butyl ether	mg/kg	0.05	0.047	0.044	94	88	61-130	6	20	
o-Xylene	mg/kg	0.05	0.047	0.045	95	90	70-130	6	20	
Toluene	mg/kg	0.05	0.043	0.041	87	82	70-130	5	20	
Xylene (Total)	mg/kg	0.15	0.14	0.13	92	88	70-130	5	20	
1,2-Dichlorobenzene-d4 (S)	%				100	100	70-130			
4-Bromofluorobenzene (S)	%				99	99	69-158			
Toluene-d8 (S)	%				93	93	70-146			

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

**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

QC Batch: 491042

Analysis Method: EPA 8270E by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270E/3546 MSSV PAH by SIM

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976002

METHOD BLANK: 2811935

Matrix: Solid

Associated Lab Samples: 40287976002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	11/25/24 12:32	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	11/25/24 12:32	
Acenaphthene	mg/kg	<0.0022	0.017	11/25/24 12:32	
Acenaphthylene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Anthracene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	11/25/24 12:32	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	11/25/24 12:32	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	11/25/24 12:32	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	11/25/24 12:32	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Chrysene	mg/kg	<0.0032	0.017	11/25/24 12:32	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	11/25/24 12:32	
Fluoranthene	mg/kg	<0.0020	0.017	11/25/24 12:32	
Fluorene	mg/kg	<0.0020	0.017	11/25/24 12:32	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	11/25/24 12:32	
Naphthalene	mg/kg	<0.0016	0.017	11/25/24 12:32	
Phenanthrene	mg/kg	<0.0019	0.017	11/25/24 12:32	
Pyrene	mg/kg	<0.0025	0.017	11/25/24 12:32	
2-Fluorobiphenyl (S)	%	77	36-120	11/25/24 12:32	
Terphenyl-d14 (S)	%	90	36-120	11/25/24 12:32	

LABORATORY CONTROL SAMPLE: 2811936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.27	81	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.26	79	51-120	
Acenaphthene	mg/kg	0.33	0.27	80	56-120	
Acenaphthylene	mg/kg	0.33	0.28	84	56-120	
Anthracene	mg/kg	0.33	0.30	89	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.27	81	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.29	86	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.30	91	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.31	92	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.30	89	62-120	
Chrysene	mg/kg	0.33	0.28	84	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.31	94	62-120	
Fluoranthene	mg/kg	0.33	0.30	90	62-120	
Fluorene	mg/kg	0.33	0.28	85	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.31	92	63-120	

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

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

LABORATORY CONTROL SAMPLE: 2811936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.33	0.23	70	48-120	
Phenanthrene	mg/kg	0.33	0.28	85	57-120	
Pyrene	mg/kg	0.33	0.29	86	57-120	
2-Fluorobiphenyl (S)	%			80	36-120	
Terphenyl-d14 (S)	%			89	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2811937 2811938

Parameter	Units	40287976001		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result						
1-Methylnaphthalene	mg/kg	<0.0029	0.4	0.4	0.29	0.30	73	74	23-120	1	30		
2-Methylnaphthalene	mg/kg	<0.0029	0.4	0.4	0.29	0.29	72	72	24-120	1	31		
Acenaphthene	mg/kg	<0.0026	0.4	0.4	0.30	0.30	76	74	38-120	3	37		
Acenaphthylene	mg/kg	<0.0025	0.4	0.4	0.31	0.31	78	76	41-120	2	31		
Anthracene	mg/kg	<0.0025	0.4	0.4	0.33	0.31	83	78	44-120	6	31		
Benzo(a)anthracene	mg/kg	<0.0026	0.4	0.4	0.30	0.29	76	72	32-120	5	34		
Benzo(a)pyrene	mg/kg	<0.0023	0.4	0.4	0.32	0.34	79	85	37-120	7	34		
Benzo(b)fluoranthene	mg/kg	<0.0028	0.4	0.4	0.34	0.32	84	81	37-120	4	46		
Benzo(g,h,i)perylene	mg/kg	<0.0035	0.4	0.4	0.34	0.32	84	81	33-125	4	35		
Benzo(k)fluoranthene	mg/kg	<0.0026	0.4	0.4	0.33	0.31	82	78	41-120	5	36		
Chrysene	mg/kg	<0.0038	0.4	0.4	0.31	0.30	79	75	38-120	4	35		
Dibenz(a,h)anthracene	mg/kg	<0.0028	0.4	0.4	0.34	0.33	85	82	34-120	4	33		
Fluoranthene	mg/kg	<0.0024	0.4	0.4	0.34	0.32	84	80	37-120	5	48		
Fluorene	mg/kg	<0.0024	0.4	0.4	0.32	0.31	80	77	36-120	3	35		
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0042	0.4	0.4	0.34	0.32	84	80	33-120	4	34		
Naphthalene	mg/kg	<0.0020	0.4	0.4	0.25	0.26	62	65	27-120	4	39		
Phenanthrene	mg/kg	<0.0023	0.4	0.4	0.32	0.30	79	75	33-120	5	50		
Pyrene	mg/kg	<0.0029	0.4	0.4	0.32	0.31	81	78	34-120	4	45		
2-Fluorobiphenyl (S)	%						67	63	36-120				
Terphenyl-d14 (S)	%						73	67	36-120				

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel  
 Pace Project No.: 40288032

QC Batch: 491127 Analysis Method: ASTM D2974-87  
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976002

SAMPLE DUPLICATE: 2812161

Parameter	Units	40287974001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.4	6.6	2	10	

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288032

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 491228

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

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288032

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40287976002	CSRSC002	EPA 3546	491042	EPA 8270E by SIM	491097
40287976002	CSRSC002	EPA 5035/5030	491144	EPA 8260	491228
40287976002	CSRSC002	ASTM D2974-87	491127		

### REPORT OF LABORATORY ANALYSIS

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**Pace**  
 Pace® Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY - Affix Workorder/Login Label Here



40287976

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DaSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDaSanto@geiconsultants.com  
 Cc E-Mail:

Customer Project #: 2408314  
 Project Name: Cambridge Station Release

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com  
 Purchase Order # (if applicable):  
 Quote #:

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 Other **Standard**

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required):  
 Same Day [ X ] 1 Day [ ] 2 Day [ X ] 3 Day [ ] Other \_\_\_\_\_  
 Date Results Requested: \_\_\_\_\_  
 Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		WI PVOCS 8260	PAHs 8270sim, Dry Weight	TCPL VOC-8260, TCPL SVOC 8270, TCPL RCRA Metals 6010+7470	1010 Flashpoint
			Date	Time	Date	Time		Results	Units				
CSRSC 002	SS	G	NA	NA	11-22-24	0850	4	NA	NA	X	X		

Specify Container Size \*\*  
 6 10 10 10

Identify Container Preservative Type\*\*\*  
 11 1 1 1

Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
 \*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Proj. Mgr:  
**Christopher Hyska**  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template:  
**5978**  
 Prelog / Bottle Ord. ID:  
**EZ 3167069**

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:  
 Collected By: **Brad DaSanto**  
 (Printed Name)  
 Signature: *Brad*

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: 1 Thermometer ID: 9 Correction Factor (°C): 0.5 Obs. Temp. (°C): 4.0 Corrected Temp. (°C): 4.5 On Ice: Y

Relinquished by/Company: (Signature) *Brad*

Date/Time: 11/22/24 1530

Received by/Company: (Signature) *GEI*

Date/Time: 11/22/24 1530

Tracking Number:

Relinquished by/Company: (Signature) *GEI*

Date/Time: 11/22/24 1615

Received by/Company: (Signature) *Medic*

Date/Time: 11/22/24 1615

Delivered by: [ ] In-Person [ ] Courier

Relinquished by/Company: (Signature) *CS Logistics*

Date/Time: 11/23/24 0840

Received by/Company: (Signature) *Kris Stump - Pace*

Date/Time: 11/23/24 0840

[ ] FedEx [ ] UPS  Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Page: 1 of 1





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

Project #:

Client Name: GEI - Madison

WO#: **40287976**

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



Tracking #: N/A

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 - 9 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 4.0 /Corr: 4.5

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

Person examining contents:  
 Date: 11/23/24 Initials: KKS  
 Labeled By Initials: GF

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>1 day TAT 11/23/24 KKS</u>
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>SS</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

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

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

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



December 03, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288129

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 27, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288129

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288129001	CSRSC003	Solid	11/25/24 13:04	11/27/24 09:30
40288129002	CSRSD112524	Solid	11/25/24 00:00	11/27/24 09:30
40288129003	CSRSC004	Solid	11/26/24 14:29	11/27/24 09:30
40288129004	CSRSC005	Solid	11/26/24 14:40	11/27/24 09:30
40288129005	CSRSC006	Solid	11/26/24 15:17	11/27/24 09:30

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288129001	CSRSC003	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	YXH	1	PASI-G
40288129002	CSRSD112524	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	YXH	1	PASI-G
40288129003	CSRSC004	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	YXH	1	PASI-G
40288129004	CSRSC005	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	YXH	1	PASI-G
40288129005	CSRSC006	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	YXH	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288129001</b>	<b>CSRSC003</b>					
EPA 8270E by SIM	Naphthalene	0.0022J	mg/kg	0.021	12/02/24 14:05	
ASTM D2974-87	Percent Moisture	20.5	%	0.10	12/02/24 15:17	
<b>40288129002</b>	<b>CSRSD112524</b>					
ASTM D2974-87	Percent Moisture	22.5	%	0.10	12/02/24 15:17	
<b>40288129003</b>	<b>CSRSC004</b>					
ASTM D2974-87	Percent Moisture	19.8	%	0.10	12/02/24 15:17	
<b>40288129004</b>	<b>CSRSC005</b>					
ASTM D2974-87	Percent Moisture	18.3	%	0.10	12/02/24 15:17	
<b>40288129005</b>	<b>CSRSC006</b>					
EPA 8270E by SIM	1-Methylnaphthalene	0.010J	mg/kg	0.021	12/02/24 15:06	
EPA 8270E by SIM	2-Methylnaphthalene	0.011J	mg/kg	0.021	12/02/24 15:06	
EPA 8270E by SIM	Naphthalene	0.0079J	mg/kg	0.021	12/02/24 15:06	
ASTM D2974-87	Percent Moisture	20.8	%	0.10	12/02/24 15:17	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Sample: CSRSC003 Lab ID: 40288129001 Collected: 11/25/24 13:04 Received: 11/27/24 09:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:05	83-32-9	
Acenaphthylene	<0.0026	mg/kg	0.021	0.0026	1	12/02/24 07:57	12/02/24 14:05	208-96-8	
Anthracene	<0.0026	mg/kg	0.021	0.0026	1	12/02/24 07:57	12/02/24 14:05	120-12-7	
Benzo(a)anthracene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:05	56-55-3	
Benzo(a)pyrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 14:05	50-32-8	
Benzo(b)fluoranthene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 14:05	205-99-2	
Benzo(g,h,i)perylene	<0.0037	mg/kg	0.021	0.0037	1	12/02/24 07:57	12/02/24 14:05	191-24-2	
Benzo(k)fluoranthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:05	207-08-9	
Chrysene	<0.0040	mg/kg	0.021	0.0040	1	12/02/24 07:57	12/02/24 14:05	218-01-9	
Dibenz(a,h)anthracene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 14:05	53-70-3	
Fluoranthene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 14:05	206-44-0	
Fluorene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 14:05	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0044	mg/kg	0.021	0.0044	1	12/02/24 07:57	12/02/24 14:05	193-39-5	
1-Methylnaphthalene	<0.0031	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 14:05	90-12-0	
2-Methylnaphthalene	<0.0031	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 14:05	91-57-6	
Naphthalene	0.0022J	mg/kg	0.021	0.0020	1	12/02/24 07:57	12/02/24 14:05	91-20-3	
Phenanthrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 14:05	85-01-8	
Pyrene	<0.0031	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 14:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	36-120		1	12/02/24 07:57	12/02/24 14:05	321-60-8	
Terphenyl-d14 (S)	72	%	36-120		1	12/02/24 07:57	12/02/24 14:05	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00069	mg/kg	0.0048	0.00069	1	12/02/24 06:00	12/02/24 13:46	71-43-2	
Ethylbenzene	<0.00087	mg/kg	0.0048	0.00087	1	12/02/24 06:00	12/02/24 13:46	100-41-4	
Methyl-tert-butyl ether	<0.0020	mg/kg	0.0048	0.0020	1	12/02/24 06:00	12/02/24 13:46	1634-04-4	
Toluene	<0.00085	mg/kg	0.0048	0.00085	1	12/02/24 06:00	12/02/24 13:46	108-88-3	
1,2,4-Trimethylbenzene	<0.0027	mg/kg	0.0048	0.0027	1	12/02/24 06:00	12/02/24 13:46	95-63-6	
1,3,5-Trimethylbenzene	<0.0030	mg/kg	0.0048	0.0030	1	12/02/24 06:00	12/02/24 13:46	108-67-8	
Xylene (Total)	<0.0033	mg/kg	0.0097	0.0033	1	12/02/24 06:00	12/02/24 13:46	1330-20-7	
m&p-Xylene	<0.0023	mg/kg	0.0048	0.0023	1	12/02/24 06:00	12/02/24 13:46	179601-23-1	
o-Xylene	<0.0010	mg/kg	0.0048	0.0010	1	12/02/24 06:00	12/02/24 13:46	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	12/02/24 06:00	12/02/24 13:46	2199-69-1	1q
4-Bromofluorobenzene (S)	102	%	69-158		1	12/02/24 06:00	12/02/24 13:46	460-00-4	
Toluene-d8 (S)	95	%	70-146		1	12/02/24 06:00	12/02/24 13:46	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.5	%	0.10	0.10	1		12/02/24 15:17		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Sample: CSRS112524 Lab ID: 40288129002 Collected: 11/25/24 00:00 Received: 11/27/24 09:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0028	mg/kg	0.022	0.0028	1	12/02/24 07:57	12/02/24 14:21	83-32-9	
Acenaphthylene	<0.0027	mg/kg	0.022	0.0027	1	12/02/24 07:57	12/02/24 14:21	208-96-8	
Anthracene	<0.0027	mg/kg	0.022	0.0027	1	12/02/24 07:57	12/02/24 14:21	120-12-7	
Benzo(a)anthracene	<0.0028	mg/kg	0.022	0.0028	1	12/02/24 07:57	12/02/24 14:21	56-55-3	
Benzo(a)pyrene	<0.0024	mg/kg	0.022	0.0024	1	12/02/24 07:57	12/02/24 14:21	50-32-8	
Benzo(b)fluoranthene	<0.0030	mg/kg	0.022	0.0030	1	12/02/24 07:57	12/02/24 14:21	205-99-2	
Benzo(g,h,i)perylene	<0.0038	mg/kg	0.022	0.0038	1	12/02/24 07:57	12/02/24 14:21	191-24-2	
Benzo(k)fluoranthene	<0.0028	mg/kg	0.022	0.0028	1	12/02/24 07:57	12/02/24 14:21	207-08-9	
Chrysene	<0.0041	mg/kg	0.022	0.0041	1	12/02/24 07:57	12/02/24 14:21	218-01-9	
Dibenz(a,h)anthracene	<0.0030	mg/kg	0.022	0.0030	1	12/02/24 07:57	12/02/24 14:21	53-70-3	
Fluoranthene	<0.0026	mg/kg	0.022	0.0026	1	12/02/24 07:57	12/02/24 14:21	206-44-0	
Fluorene	<0.0026	mg/kg	0.022	0.0026	1	12/02/24 07:57	12/02/24 14:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0045	mg/kg	0.022	0.0045	1	12/02/24 07:57	12/02/24 14:21	193-39-5	
1-Methylnaphthalene	<0.0031	mg/kg	0.022	0.0031	1	12/02/24 07:57	12/02/24 14:21	90-12-0	
2-Methylnaphthalene	<0.0032	mg/kg	0.022	0.0032	1	12/02/24 07:57	12/02/24 14:21	91-57-6	
Naphthalene	<0.0021	mg/kg	0.022	0.0021	1	12/02/24 07:57	12/02/24 14:21	91-20-3	
Phenanthrene	<0.0025	mg/kg	0.022	0.0025	1	12/02/24 07:57	12/02/24 14:21	85-01-8	
Pyrene	<0.0032	mg/kg	0.022	0.0032	1	12/02/24 07:57	12/02/24 14:21	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	45	%	36-120		1	12/02/24 07:57	12/02/24 14:21	321-60-8	
Terphenyl-d14 (S)	60	%	36-120		1	12/02/24 07:57	12/02/24 14:21	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00074	mg/kg	0.0052	0.00074	1	12/02/24 06:00	12/02/24 14:08	71-43-2	
Ethylbenzene	<0.00093	mg/kg	0.0052	0.00093	1	12/02/24 06:00	12/02/24 14:08	100-41-4	
Methyl-tert-butyl ether	<0.0021	mg/kg	0.0052	0.0021	1	12/02/24 06:00	12/02/24 14:08	1634-04-4	
Toluene	<0.00092	mg/kg	0.0052	0.00092	1	12/02/24 06:00	12/02/24 14:08	108-88-3	
1,2,4-Trimethylbenzene	<0.0029	mg/kg	0.0052	0.0029	1	12/02/24 06:00	12/02/24 14:08	95-63-6	
1,3,5-Trimethylbenzene	<0.0032	mg/kg	0.0052	0.0032	1	12/02/24 06:00	12/02/24 14:08	108-67-8	
Xylene (Total)	<0.0036	mg/kg	0.010	0.0036	1	12/02/24 06:00	12/02/24 14:08	1330-20-7	
m&p-Xylene	<0.0025	mg/kg	0.0052	0.0025	1	12/02/24 06:00	12/02/24 14:08	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0052	0.0011	1	12/02/24 06:00	12/02/24 14:08	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	12/02/24 06:00	12/02/24 14:08	2199-69-1	1q
4-Bromofluorobenzene (S)	100	%	69-158		1	12/02/24 06:00	12/02/24 14:08	460-00-4	
Toluene-d8 (S)	95	%	70-146		1	12/02/24 06:00	12/02/24 14:08	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	22.5	%	0.10	0.10	1		12/02/24 15:17		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Sample: CSRSC004 Lab ID: 40288129003 Collected: 11/26/24 14:29 Received: 11/27/24 09:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:36	83-32-9	
Acenaphthylene	<0.0026	mg/kg	0.021	0.0026	1	12/02/24 07:57	12/02/24 14:36	208-96-8	
Anthracene	<0.0026	mg/kg	0.021	0.0026	1	12/02/24 07:57	12/02/24 14:36	120-12-7	
Benzo(a)anthracene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:36	56-55-3	
Benzo(a)pyrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 14:36	50-32-8	
Benzo(b)fluoranthene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 14:36	205-99-2	
Benzo(g,h,i)perylene	<0.0037	mg/kg	0.021	0.0037	1	12/02/24 07:57	12/02/24 14:36	191-24-2	
Benzo(k)fluoranthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 14:36	207-08-9	
Chrysene	<0.0039	mg/kg	0.021	0.0039	1	12/02/24 07:57	12/02/24 14:36	218-01-9	
Dibenz(a,h)anthracene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 14:36	53-70-3	
Fluoranthene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 14:36	206-44-0	
Fluorene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 14:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0043	mg/kg	0.021	0.0043	1	12/02/24 07:57	12/02/24 14:36	193-39-5	
1-Methylnaphthalene	<0.0030	mg/kg	0.021	0.0030	1	12/02/24 07:57	12/02/24 14:36	90-12-0	
2-Methylnaphthalene	<0.0030	mg/kg	0.021	0.0030	1	12/02/24 07:57	12/02/24 14:36	91-57-6	
Naphthalene	<0.0020	mg/kg	0.021	0.0020	1	12/02/24 07:57	12/02/24 14:36	91-20-3	
Phenanthrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 14:36	85-01-8	
Pyrene	<0.0031	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 14:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-120		1	12/02/24 07:57	12/02/24 14:36	321-60-8	
Terphenyl-d14 (S)	76	%	36-120		1	12/02/24 07:57	12/02/24 14:36	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00073	mg/kg	0.0051	0.00073	1	12/02/24 06:00	12/02/24 14:29	71-43-2	
Ethylbenzene	<0.00092	mg/kg	0.0051	0.00092	1	12/02/24 06:00	12/02/24 14:29	100-41-4	
Methyl-tert-butyl ether	<0.0021	mg/kg	0.0051	0.0021	1	12/02/24 06:00	12/02/24 14:29	1634-04-4	
Toluene	<0.00091	mg/kg	0.0051	0.00091	1	12/02/24 06:00	12/02/24 14:29	108-88-3	
1,2,4-Trimethylbenzene	<0.0029	mg/kg	0.0051	0.0029	1	12/02/24 06:00	12/02/24 14:29	95-63-6	
1,3,5-Trimethylbenzene	<0.0031	mg/kg	0.0051	0.0031	1	12/02/24 06:00	12/02/24 14:29	108-67-8	
Xylene (Total)	<0.0035	mg/kg	0.010	0.0035	1	12/02/24 06:00	12/02/24 14:29	1330-20-7	
m&p-Xylene	<0.0024	mg/kg	0.0051	0.0024	1	12/02/24 06:00	12/02/24 14:29	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0051	0.0011	1	12/02/24 06:00	12/02/24 14:29	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	12/02/24 06:00	12/02/24 14:29	2199-69-1	1q
4-Bromofluorobenzene (S)	99	%	69-158		1	12/02/24 06:00	12/02/24 14:29	460-00-4	
Toluene-d8 (S)	94	%	70-146		1	12/02/24 06:00	12/02/24 14:29	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.8	%	0.10	0.10	1		12/02/24 15:17		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Sample: CSRSC005 Lab ID: 40288129004 Collected: 11/26/24 14:40 Received: 11/27/24 09:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0027	mg/kg	0.020	0.0027	1	12/02/24 07:57	12/02/24 14:51	83-32-9	
Acenaphthylene	<0.0026	mg/kg	0.020	0.0026	1	12/02/24 07:57	12/02/24 14:51	208-96-8	
Anthracene	<0.0025	mg/kg	0.020	0.0025	1	12/02/24 07:57	12/02/24 14:51	120-12-7	
Benzo(a)anthracene	<0.0026	mg/kg	0.020	0.0026	1	12/02/24 07:57	12/02/24 14:51	56-55-3	
Benzo(a)pyrene	<0.0023	mg/kg	0.020	0.0023	1	12/02/24 07:57	12/02/24 14:51	50-32-8	
Benzo(b)fluoranthene	<0.0028	mg/kg	0.020	0.0028	1	12/02/24 07:57	12/02/24 14:51	205-99-2	
Benzo(g,h,i)perylene	<0.0036	mg/kg	0.020	0.0036	1	12/02/24 07:57	12/02/24 14:51	191-24-2	
Benzo(k)fluoranthene	<0.0026	mg/kg	0.020	0.0026	1	12/02/24 07:57	12/02/24 14:51	207-08-9	
Chrysene	<0.0039	mg/kg	0.020	0.0039	1	12/02/24 07:57	12/02/24 14:51	218-01-9	
Dibenz(a,h)anthracene	<0.0028	mg/kg	0.020	0.0028	1	12/02/24 07:57	12/02/24 14:51	53-70-3	
Fluoranthene	<0.0024	mg/kg	0.020	0.0024	1	12/02/24 07:57	12/02/24 14:51	206-44-0	
Fluorene	<0.0025	mg/kg	0.020	0.0025	1	12/02/24 07:57	12/02/24 14:51	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0043	mg/kg	0.020	0.0043	1	12/02/24 07:57	12/02/24 14:51	193-39-5	
1-Methylnaphthalene	<0.0030	mg/kg	0.020	0.0030	1	12/02/24 07:57	12/02/24 14:51	90-12-0	
2-Methylnaphthalene	<0.0030	mg/kg	0.020	0.0030	1	12/02/24 07:57	12/02/24 14:51	91-57-6	
Naphthalene	<0.0020	mg/kg	0.020	0.0020	1	12/02/24 07:57	12/02/24 14:51	91-20-3	
Phenanthrene	<0.0023	mg/kg	0.020	0.0023	1	12/02/24 07:57	12/02/24 14:51	85-01-8	
Pyrene	<0.0030	mg/kg	0.020	0.0030	1	12/02/24 07:57	12/02/24 14:51	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	55	%	36-120		1	12/02/24 07:57	12/02/24 14:51	321-60-8	
Terphenyl-d14 (S)	72	%	36-120		1	12/02/24 07:57	12/02/24 14:51	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00074	mg/kg	0.0052	0.00074	1	12/02/24 06:00	12/02/24 15:12	71-43-2	
Ethylbenzene	<0.00093	mg/kg	0.0052	0.00093	1	12/02/24 06:00	12/02/24 15:12	100-41-4	
Methyl-tert-butyl ether	<0.0021	mg/kg	0.0052	0.0021	1	12/02/24 06:00	12/02/24 15:12	1634-04-4	
Toluene	<0.00092	mg/kg	0.0052	0.00092	1	12/02/24 06:00	12/02/24 15:12	108-88-3	
1,2,4-Trimethylbenzene	<0.0029	mg/kg	0.0052	0.0029	1	12/02/24 06:00	12/02/24 15:12	95-63-6	
1,3,5-Trimethylbenzene	<0.0032	mg/kg	0.0052	0.0032	1	12/02/24 06:00	12/02/24 15:12	108-67-8	
Xylene (Total)	<0.0036	mg/kg	0.010	0.0036	1	12/02/24 06:00	12/02/24 15:12	1330-20-7	
m&p-Xylene	<0.0025	mg/kg	0.0052	0.0025	1	12/02/24 06:00	12/02/24 15:12	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0052	0.0011	1	12/02/24 06:00	12/02/24 15:12	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	12/02/24 06:00	12/02/24 15:12	2199-69-1	1q
4-Bromofluorobenzene (S)	109	%	69-158		1	12/02/24 06:00	12/02/24 15:12	460-00-4	
Toluene-d8 (S)	97	%	70-146		1	12/02/24 06:00	12/02/24 15:12	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.3	%	0.10	0.10	1		12/02/24 15:17		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Sample: CSRSC006 Lab ID: 40288129005 Collected: 11/26/24 15:17 Received: 11/27/24 09:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 15:06	83-32-9	
Acenaphthylene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 15:06	208-96-8	
Anthracene	<0.0026	mg/kg	0.021	0.0026	1	12/02/24 07:57	12/02/24 15:06	120-12-7	
Benzo(a)anthracene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 15:06	56-55-3	
Benzo(a)pyrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 15:06	50-32-8	
Benzo(b)fluoranthene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 15:06	205-99-2	
Benzo(g,h,i)perylene	<0.0037	mg/kg	0.021	0.0037	1	12/02/24 07:57	12/02/24 15:06	191-24-2	
Benzo(k)fluoranthene	<0.0027	mg/kg	0.021	0.0027	1	12/02/24 07:57	12/02/24 15:06	207-08-9	
Chrysene	<0.0040	mg/kg	0.021	0.0040	1	12/02/24 07:57	12/02/24 15:06	218-01-9	
Dibenz(a,h)anthracene	<0.0029	mg/kg	0.021	0.0029	1	12/02/24 07:57	12/02/24 15:06	53-70-3	
Fluoranthene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 15:06	206-44-0	
Fluorene	<0.0025	mg/kg	0.021	0.0025	1	12/02/24 07:57	12/02/24 15:06	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0044	mg/kg	0.021	0.0044	1	12/02/24 07:57	12/02/24 15:06	193-39-5	
1-Methylnaphthalene	0.010J	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 15:06	90-12-0	
2-Methylnaphthalene	0.011J	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 15:06	91-57-6	
Naphthalene	0.0079J	mg/kg	0.021	0.0021	1	12/02/24 07:57	12/02/24 15:06	91-20-3	
Phenanthrene	<0.0024	mg/kg	0.021	0.0024	1	12/02/24 07:57	12/02/24 15:06	85-01-8	
Pyrene	<0.0031	mg/kg	0.021	0.0031	1	12/02/24 07:57	12/02/24 15:06	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	54	%	36-120		1	12/02/24 07:57	12/02/24 15:06	321-60-8	
Terphenyl-d14 (S)	68	%	36-120		1	12/02/24 07:57	12/02/24 15:06	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00076	mg/kg	0.0054	0.00076	1	12/02/24 06:00	12/02/24 15:33	71-43-2	
Ethylbenzene	<0.00096	mg/kg	0.0054	0.00096	1	12/02/24 06:00	12/02/24 15:33	100-41-4	
Methyl-tert-butyl ether	<0.0022	mg/kg	0.0054	0.0022	1	12/02/24 06:00	12/02/24 15:33	1634-04-4	
Toluene	<0.00095	mg/kg	0.0054	0.00095	1	12/02/24 06:00	12/02/24 15:33	108-88-3	
1,2,4-Trimethylbenzene	<0.0030	mg/kg	0.0054	0.0030	1	12/02/24 06:00	12/02/24 15:33	95-63-6	
1,3,5-Trimethylbenzene	<0.0033	mg/kg	0.0054	0.0033	1	12/02/24 06:00	12/02/24 15:33	108-67-8	
Xylene (Total)	<0.0037	mg/kg	0.011	0.0037	1	12/02/24 06:00	12/02/24 15:33	1330-20-7	
m&p-Xylene	<0.0025	mg/kg	0.0054	0.0025	1	12/02/24 06:00	12/02/24 15:33	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0054	0.0011	1	12/02/24 06:00	12/02/24 15:33	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	12/02/24 06:00	12/02/24 15:33	2199-69-1	1q
4-Bromofluorobenzene (S)	102	%	69-158		1	12/02/24 06:00	12/02/24 15:33	460-00-4	
Toluene-d8 (S)	96	%	70-146		1	12/02/24 06:00	12/02/24 15:33	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.8	%	0.10	0.10	1		12/02/24 15:17		

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

QC Batch:	491542	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030	Analysis Description:	8260 MSV Low
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288129001, 40288129002, 40288129003, 40288129004, 40288129005

METHOD BLANK: 2814217 Matrix: Solid

Associated Lab Samples: 40288129001, 40288129002, 40288129003, 40288129004, 40288129005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	12/02/24 11:17	
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	12/02/24 11:17	
Benzene	mg/kg	<0.00071	0.0050	12/02/24 11:17	
Ethylbenzene	mg/kg	<0.00089	0.0050	12/02/24 11:17	
m&p-Xylene	mg/kg	<0.0024	0.0050	12/02/24 11:17	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	12/02/24 11:17	
o-Xylene	mg/kg	<0.0011	0.0050	12/02/24 11:17	
Toluene	mg/kg	<0.00088	0.0050	12/02/24 11:17	
Xylene (Total)	mg/kg	<0.0034	0.010	12/02/24 11:17	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	12/02/24 11:17	
4-Bromofluorobenzene (S)	%	97	69-158	12/02/24 11:17	
Toluene-d8 (S)	%	93	70-146	12/02/24 11:17	

LABORATORY CONTROL SAMPLE & LCSD: 2814218

2814219

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.05	0.041	0.037	82	74	70-130	10	20	
Ethylbenzene	mg/kg	0.05	0.042	0.038	84	75	70-130	11	20	
m&p-Xylene	mg/kg	0.1	0.087	0.079	87	79	70-130	11	20	
Methyl-tert-butyl ether	mg/kg	0.05	0.041	0.039	82	77	61-130	6	20	
o-Xylene	mg/kg	0.05	0.044	0.040	89	81	70-130	10	20	
Toluene	mg/kg	0.05	0.042	0.037	83	75	70-130	11	20	
Xylene (Total)	mg/kg	0.15	0.13	0.12	88	79	70-130	10	20	
1,2-Dichlorobenzene-d4 (S)	%				99	99	70-130			
4-Bromofluorobenzene (S)	%				98	98	69-158			
Toluene-d8 (S)	%				94	94	70-146			

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

QC Batch: 491410 Analysis Method: EPA 8270E by SIM  
 QC Batch Method: EPA 3546 Analysis Description: 8270E/3546 MSSV PAH by SIM  
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288129001, 40288129002, 40288129003, 40288129004, 40288129005

METHOD BLANK: 2813822 Matrix: Solid

Associated Lab Samples: 40288129001, 40288129002, 40288129003, 40288129004, 40288129005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	12/02/24 10:17	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	12/02/24 10:17	
Acenaphthene	mg/kg	<0.0022	0.017	12/02/24 10:17	
Acenaphthylene	mg/kg	<0.0021	0.017	12/02/24 10:17	
Anthracene	mg/kg	<0.0021	0.017	12/02/24 10:17	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	12/02/24 10:17	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	12/02/24 10:17	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	12/02/24 10:17	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	12/02/24 10:17	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	12/02/24 10:17	
Chrysene	mg/kg	<0.0032	0.017	12/02/24 10:17	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	12/02/24 10:17	
Fluoranthene	mg/kg	<0.0020	0.017	12/02/24 10:17	
Fluorene	mg/kg	<0.0020	0.017	12/02/24 10:17	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	12/02/24 10:17	
Naphthalene	mg/kg	<0.0016	0.017	12/02/24 10:17	
Phenanthrene	mg/kg	<0.0019	0.017	12/02/24 10:17	
Pyrene	mg/kg	<0.0025	0.017	12/02/24 10:17	
2-Fluorobiphenyl (S)	%	80	36-120	12/02/24 10:17	
Terphenyl-d14 (S)	%	86	36-120	12/02/24 10:17	

LABORATORY CONTROL SAMPLE: 2813823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.26	78	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.26	77	51-120	
Acenaphthene	mg/kg	0.33	0.27	80	56-120	
Acenaphthylene	mg/kg	0.33	0.27	82	56-120	
Anthracene	mg/kg	0.33	0.30	89	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.26	77	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.31	92	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.29	86	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.24	72	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.29	88	62-120	
Chrysene	mg/kg	0.33	0.29	86	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.23	70	62-120	
Fluoranthene	mg/kg	0.33	0.30	89	62-120	
Fluorene	mg/kg	0.33	0.28	85	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.24	71	63-120	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

LABORATORY CONTROL SAMPLE: 2813823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.33	0.23	68	48-120	
Phenanthrene	mg/kg	0.33	0.28	83	57-120	
Pyrene	mg/kg	0.33	0.29	87	57-120	
2-Fluorobiphenyl (S)	%			78	36-120	
Terphenyl-d14 (S)	%			83	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2813824 2813825

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40287857006 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	mg/kg	<2.6 ug/kg	0.35	0.35	0.27	0.29	76	82	23-120	7	30
2-Methylnaphthalene	mg/kg	<2.6 ug/kg	0.35	0.35	0.27	0.29	76	82	24-120	8	31
Acenaphthene	mg/kg	<2.3 ug/kg	0.35	0.35	0.27	0.29	77	82	38-120	7	37
Acenaphthylene	mg/kg	<2.2 ug/kg	0.35	0.35	0.28	0.30	78	85	41-120	9	31
Anthracene	mg/kg	<2.2 ug/kg	0.35	0.35	0.29	0.32	82	90	44-120	10	31
Benzo(a)anthracene	mg/kg	3.9J ug/kg	0.35	0.35	0.28	0.30	77	84	32-120	9	34
Benzo(a)pyrene	mg/kg	2.5J ug/kg	0.35	0.35	0.31	0.33	88	91	37-120	4	34
Benzo(b)fluoranthene	mg/kg	3.8J ug/kg	0.35	0.35	0.30	0.34	82	94	37-120	13	46
Benzo(g,h,i)perylene	mg/kg	<3.1 ug/kg	0.35	0.35	0.28	0.30	78	84	33-125	7	35
Benzo(k)fluoranthene	mg/kg	<2.3 ug/kg	0.35	0.35	0.30	0.31	83	86	41-120	4	36
Chrysene	mg/kg	<3.4 ug/kg	0.35	0.35	0.29	0.31	80	87	38-120	9	35
Dibenz(a,h)anthracene	mg/kg	<2.5 ug/kg	0.35	0.35	0.28	0.30	78	85	34-120	9	33
Fluoranthene	mg/kg	4.8J ug/kg	0.35	0.35	0.30	0.34	84	95	37-120	12	48
Fluorene	mg/kg	<2.1 ug/kg	0.35	0.35	0.29	0.31	81	87	36-120	7	35
Indeno(1,2,3-cd)pyrene	mg/kg	<3.7 ug/kg	0.35	0.35	0.28	0.30	78	84	33-120	8	34
Naphthalene	mg/kg	<1.7 ug/kg	0.35	0.35	0.24	0.25	66	71	27-120	7	39
Phenanthrene	mg/kg	2.2J ug/kg	0.35	0.35	0.28	0.31	79	88	33-120	10	50
Pyrene	mg/kg	4.7J ug/kg	0.35	0.35	0.30	0.34	84	93	34-120	10	45
2-Fluorobiphenyl (S)	%						71	74	36-120		
Terphenyl-d14 (S)	%						79	83	36-120		

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

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QC Batch:	491499	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288129001, 40288129002, 40288129003, 40288129004, 40288129005

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SAMPLE DUPLICATE: 2814123

Parameter	Units	40287975003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.6	19.4	10	10	

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 491552

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

### ANALYTE QUALIFIERS

1q Sample field preservation does not meet EPA or method recommendations that the samples are to be frozen within 48hrs of collection if analysis can not be performed.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288129

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288129001	CSRSC003	EPA 3546	491410	EPA 8270E by SIM	491450
40288129002	CSRSD112524	EPA 3546	491410	EPA 8270E by SIM	491450
40288129003	CSRSC004	EPA 3546	491410	EPA 8270E by SIM	491450
40288129004	CSRSC005	EPA 3546	491410	EPA 8270E by SIM	491450
40288129005	CSRSC006	EPA 3546	491410	EPA 8270E by SIM	491450
40288129001	CSRSC003	EPA 5035/5030	491542	EPA 8260	491552
40288129002	CSRSD112524	EPA 5035/5030	491542	EPA 8260	491552
40288129003	CSRSC004	EPA 5035/5030	491542	EPA 8260	491552
40288129004	CSRSC005	EPA 5035/5030	491542	EPA 8260	491552
40288129005	CSRSC006	EPA 5035/5030	491542	EPA 8260	491552
40288129001	CSRSC003	ASTM D2974-87	491499		
40288129002	CSRSD112524	ASTM D2974-87	491499		
40288129003	CSRSC004	ASTM D2974-87	491499		
40288129004	CSRSC005	ASTM D2974-87	491499		
40288129005	CSRSC006	ASTM D2974-87	491499		

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**Pace** Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40288129

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DalSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDalSanto@geiconsultants.com  
 Cc E-Mail:

Customer Project #: 2408314  
 Project Name: Cambridge Station Release

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com  
 Purchase Order # (if applicable):  
 Quote #:

Site Collection Info/Facility ID (as applicable):

County / State origin of sample(s): Wisconsin

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):  
 [ ] Same Day [ X ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

Date Results Requested:  
 Field Filtered (if applicable): [ ] Yes [ ] No

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		WI PVOCs 8260	PAHs 8270sim, Dry Weight	TCF-PVOC-8260, TCLP-PVOC-8270	TCLP-RCRA metals-6040-7476	TCO8 Flashpoint	Lab Use Only	Sample Comment
			Date	Time	Date	Time		Results	Units							
CSRSC03	SS	G	--	--	11/25/24	1304	4	--	--	X	X					001
CSRSD112524					11/25/24	0000	4			X	X					002
CSRSC04					11/26/24	1929	4			X	X					003
CSRSC05					11/26/24	1440	4			X	X					004
CSRSC06					11/26/24	1517	4			X	X					005

Additional Instructions from Pace®:

Collected By: (Printed Name) Brad DalSanto  
 Signature: BSD

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: 1 Thermometer ID: 101 Correction Factor (°C): - Obs. Temp. (°C): 1.5 Corrected Temp. (°C): 1.5 On Ice: (Y)

Relinquished by/Company: (Signature) BSD Date/Time: 11/26/24 1600

Received by/Company: (Signature) GEI Date/Time: 11/26/24 1630

Relinquished by/Company: (Signature) GEI Date/Time: 11/26/24 1630

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 1630

Tracking Number:

Relinquished by/Company: (Signature) GEI Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Relinquished by/Company: (Signature) CS Logistics Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Delivered by: [ ] In-Person [ X ] Courier

Relinquished by/Company: (Signature) CS Logistics Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Relinquished by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

[ ] FedEx [ ] UPS [ ] Other

Relinquished by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Relinquished by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Received by/Company: (Signature) [Signature] Date/Time: 11/26/24 0930

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

ENV-FRM-CORQ-0019\_v02\_110123 ©

Sample Preservation Receipt Form  
 Project # 40288129  
 Yes  No  N/A  
 Lab Std #/ID of preservation (if pH adjusted):

Client Name: BEI  
 All containers needing preservation have been checked and noted below:  
 Lab Lot# of pH paper:

Initial when completed:  
 Date/Time:

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

11271211  
GF

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

<b>AG1U</b> 1 liter amber glass	<b>BP1U</b> 1 liter plastic unpres	<b>VG9C</b> 40 mL clear ascorbic w/ HCl	<b>JGFU</b> 4 oz amber jar unpres
<b>BG1U</b> 1 liter clear glass	<b>BP3U</b> 250 mL plastic unpres	<b>DG9T</b> 40 mL amber Na Thio	<b>JG9U</b> 9 oz amber jar unpres
<b>AG1H</b> 1 liter amber glass HCL	<b>BP3B</b> 250 mL plastic NaOH	<b>VG9U</b> 40 mL clear vial unpres	<b>WGFU</b> 4 oz clear jar unpres
<b>AG4S</b> 125 mL amber glass H2SO4	<b>BP3N</b> 250 mL plastic HNO3	<b>VG9H</b> 40 mL clear vial HCL	<b>WPFU</b> 4 oz plastic jar unpres
<b>AG5U</b> 100 mL amber glass unpres	<b>BP3S</b> 250 mL plastic H2SO4	<b>VG9M</b> 40 mL clear vial MeOH	<b>SP5T</b> 120 mL plastic Na Thiosulfate
<b>AG2S</b> 500 mL amber glass H2SO4	<b>BP2Z</b> 500 mL plastic NaOH + Zn	<b>VG9D</b> 40 mL clear vial DI	<b>ZPLC</b> ziploc bag
<b>BG3U</b> 250 mL clear glass unpres			<b>GN 1</b>
			<b>GN 2</b>


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

Project #:

Client Name: GEI

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

WO#: **40288129**



40288129

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-141 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 1.5 / Corr: 1.5

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

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:  
 Date: 11/21/14 / Initials: GF  
 Labeled By Initials: GF

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

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

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

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

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



November 26, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287976

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 23, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287976

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40287976001	CSRSB001	Solid	11/22/24 14:20	11/23/24 08:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287976

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40287976001	CSRSB001	EPA 8270E by SIM	TPO	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287976

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40287976001</b>	<b>CSRSB001</b>					
ASTM D2974-87	Percent Moisture	16.7	%	0.10	11/25/24 13:09	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

Sample: CSRSB001 Lab ID: 40287976001 Collected: 11/22/24 14:20 Received: 11/23/24 08:40 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0026	mg/kg	0.020	0.0026	1	11/25/24 08:07	11/25/24 13:18	83-32-9	
Acenaphthylene	<0.0025	mg/kg	0.020	0.0025	1	11/25/24 08:07	11/25/24 13:18	208-96-8	
Anthracene	<0.0025	mg/kg	0.020	0.0025	1	11/25/24 08:07	11/25/24 13:18	120-12-7	
Benzo(a)anthracene	<0.0026	mg/kg	0.020	0.0026	1	11/25/24 08:07	11/25/24 13:18	56-55-3	
Benzo(a)pyrene	<0.0023	mg/kg	0.020	0.0023	1	11/25/24 08:07	11/25/24 13:18	50-32-8	
Benzo(b)fluoranthene	<0.0028	mg/kg	0.020	0.0028	1	11/25/24 08:07	11/25/24 13:18	205-99-2	
Benzo(g,h,i)perylene	<0.0035	mg/kg	0.020	0.0035	1	11/25/24 08:07	11/25/24 13:18	191-24-2	
Benzo(k)fluoranthene	<0.0026	mg/kg	0.020	0.0026	1	11/25/24 08:07	11/25/24 13:18	207-08-9	
Chrysene	<0.0038	mg/kg	0.020	0.0038	1	11/25/24 08:07	11/25/24 13:18	218-01-9	
Dibenz(a,h)anthracene	<0.0028	mg/kg	0.020	0.0028	1	11/25/24 08:07	11/25/24 13:18	53-70-3	
Fluoranthene	<0.0024	mg/kg	0.020	0.0024	1	11/25/24 08:07	11/25/24 13:18	206-44-0	
Fluorene	<0.0024	mg/kg	0.020	0.0024	1	11/25/24 08:07	11/25/24 13:18	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0042	mg/kg	0.020	0.0042	1	11/25/24 08:07	11/25/24 13:18	193-39-5	
1-Methylnaphthalene	<0.0029	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:18	90-12-0	
2-Methylnaphthalene	<0.0029	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:18	91-57-6	
Naphthalene	<0.0020	mg/kg	0.020	0.0020	1	11/25/24 08:07	11/25/24 13:18	91-20-3	
Phenanthrene	<0.0023	mg/kg	0.020	0.0023	1	11/25/24 08:07	11/25/24 13:18	85-01-8	
Pyrene	<0.0029	mg/kg	0.020	0.0029	1	11/25/24 08:07	11/25/24 13:18	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-120		1	11/25/24 08:07	11/25/24 13:18	321-60-8	
Terphenyl-d14 (S)	74	%	36-120		1	11/25/24 08:07	11/25/24 13:18	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00072	mg/kg	0.0050	0.00072	1	11/25/24 06:00	11/25/24 12:19	71-43-2	
Ethylbenzene	<0.00090	mg/kg	0.0050	0.00090	1	11/25/24 06:00	11/25/24 12:19	100-41-4	
Methyl-tert-butyl ether	<0.0021	mg/kg	0.0050	0.0021	1	11/25/24 06:00	11/25/24 12:19	1634-04-4	
Toluene	<0.00089	mg/kg	0.0050	0.00089	1	11/25/24 06:00	11/25/24 12:19	108-88-3	
1,2,4-Trimethylbenzene	<0.0028	mg/kg	0.0050	0.0028	1	11/25/24 06:00	11/25/24 12:19	95-63-6	
1,3,5-Trimethylbenzene	<0.0031	mg/kg	0.0050	0.0031	1	11/25/24 06:00	11/25/24 12:19	108-67-8	
Xylene (Total)	<0.0034	mg/kg	0.010	0.0034	1	11/25/24 06:00	11/25/24 12:19	1330-20-7	
m&p-Xylene	<0.0024	mg/kg	0.0050	0.0024	1	11/25/24 06:00	11/25/24 12:19	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0050	0.0011	1	11/25/24 06:00	11/25/24 12:19	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	11/25/24 06:00	11/25/24 12:19	2199-69-1	
4-Bromofluorobenzene (S)	100	%	69-158		1	11/25/24 06:00	11/25/24 12:19	460-00-4	
Toluene-d8 (S)	94	%	70-146		1	11/25/24 06:00	11/25/24 12:19	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		11/25/24 13:09		

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

QC Batch: 491144

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030

Analysis Description: 8260 MSV Low

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976001

METHOD BLANK: 2812195

Matrix: Solid

Associated Lab Samples: 40287976001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	11/25/24 11:15	
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	11/25/24 11:15	
Benzene	mg/kg	<0.00071	0.0050	11/25/24 11:15	
Ethylbenzene	mg/kg	<0.00089	0.0050	11/25/24 11:15	
m&p-Xylene	mg/kg	<0.0024	0.0050	11/25/24 11:15	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	11/25/24 11:15	
o-Xylene	mg/kg	<0.0011	0.0050	11/25/24 11:15	
Toluene	mg/kg	<0.00088	0.0050	11/25/24 11:15	
Xylene (Total)	mg/kg	<0.0034	0.010	11/25/24 11:15	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	11/25/24 11:15	
4-Bromofluorobenzene (S)	%	99	69-158	11/25/24 11:15	
Toluene-d8 (S)	%	94	70-146	11/25/24 11:15	

LABORATORY CONTROL SAMPLE & LCSD: 2812196

2812197

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.05	0.043	0.041	86	81	70-130	5	20	
Ethylbenzene	mg/kg	0.05	0.044	0.041	88	83	70-130	6	20	
m&p-Xylene	mg/kg	0.1	0.091	0.087	91	87	70-130	5	20	
Methyl-tert-butyl ether	mg/kg	0.05	0.047	0.044	94	88	61-130	6	20	
o-Xylene	mg/kg	0.05	0.047	0.045	95	90	70-130	6	20	
Toluene	mg/kg	0.05	0.043	0.041	87	82	70-130	5	20	
Xylene (Total)	mg/kg	0.15	0.14	0.13	92	88	70-130	5	20	
1,2-Dichlorobenzene-d4 (S)	%				100	100	70-130			
4-Bromofluorobenzene (S)	%				99	99	69-158			
Toluene-d8 (S)	%				93	93	70-146			

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

QC Batch: 491042

Analysis Method: EPA 8270E by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270E/3546 MSSV PAH by SIM

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976001

METHOD BLANK: 2811935

Matrix: Solid

Associated Lab Samples: 40287976001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	11/25/24 12:32	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	11/25/24 12:32	
Acenaphthene	mg/kg	<0.0022	0.017	11/25/24 12:32	
Acenaphthylene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Anthracene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	11/25/24 12:32	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	11/25/24 12:32	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	11/25/24 12:32	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	11/25/24 12:32	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	11/25/24 12:32	
Chrysene	mg/kg	<0.0032	0.017	11/25/24 12:32	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	11/25/24 12:32	
Fluoranthene	mg/kg	<0.0020	0.017	11/25/24 12:32	
Fluorene	mg/kg	<0.0020	0.017	11/25/24 12:32	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	11/25/24 12:32	
Naphthalene	mg/kg	<0.0016	0.017	11/25/24 12:32	
Phenanthrene	mg/kg	<0.0019	0.017	11/25/24 12:32	
Pyrene	mg/kg	<0.0025	0.017	11/25/24 12:32	
2-Fluorobiphenyl (S)	%	77	36-120	11/25/24 12:32	
Terphenyl-d14 (S)	%	90	36-120	11/25/24 12:32	

LABORATORY CONTROL SAMPLE: 2811936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.27	81	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.26	79	51-120	
Acenaphthene	mg/kg	0.33	0.27	80	56-120	
Acenaphthylene	mg/kg	0.33	0.28	84	56-120	
Anthracene	mg/kg	0.33	0.30	89	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.27	81	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.29	86	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.30	91	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.31	92	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.30	89	62-120	
Chrysene	mg/kg	0.33	0.28	84	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.31	94	62-120	
Fluoranthene	mg/kg	0.33	0.30	90	62-120	
Fluorene	mg/kg	0.33	0.28	85	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.31	92	63-120	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

LABORATORY CONTROL SAMPLE: 2811936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.33	0.23	70	48-120	
Phenanthrene	mg/kg	0.33	0.28	85	57-120	
Pyrene	mg/kg	0.33	0.29	86	57-120	
2-Fluorobiphenyl (S)	%			80	36-120	
Terphenyl-d14 (S)	%			89	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2811937 2811938

Parameter	Units	40287976001		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result						
1-Methylnaphthalene	mg/kg	<0.0029	0.4	0.4	0.29	0.30	73	74	23-120	1	30		
2-Methylnaphthalene	mg/kg	<0.0029	0.4	0.4	0.29	0.29	72	72	24-120	1	31		
Acenaphthene	mg/kg	<0.0026	0.4	0.4	0.30	0.30	76	74	38-120	3	37		
Acenaphthylene	mg/kg	<0.0025	0.4	0.4	0.31	0.31	78	76	41-120	2	31		
Anthracene	mg/kg	<0.0025	0.4	0.4	0.33	0.31	83	78	44-120	6	31		
Benzo(a)anthracene	mg/kg	<0.0026	0.4	0.4	0.30	0.29	76	72	32-120	5	34		
Benzo(a)pyrene	mg/kg	<0.0023	0.4	0.4	0.32	0.34	79	85	37-120	7	34		
Benzo(b)fluoranthene	mg/kg	<0.0028	0.4	0.4	0.34	0.32	84	81	37-120	4	46		
Benzo(g,h,i)perylene	mg/kg	<0.0035	0.4	0.4	0.34	0.32	84	81	33-125	4	35		
Benzo(k)fluoranthene	mg/kg	<0.0026	0.4	0.4	0.33	0.31	82	78	41-120	5	36		
Chrysene	mg/kg	<0.0038	0.4	0.4	0.31	0.30	79	75	38-120	4	35		
Dibenz(a,h)anthracene	mg/kg	<0.0028	0.4	0.4	0.34	0.33	85	82	34-120	4	33		
Fluoranthene	mg/kg	<0.0024	0.4	0.4	0.34	0.32	84	80	37-120	5	48		
Fluorene	mg/kg	<0.0024	0.4	0.4	0.32	0.31	80	77	36-120	3	35		
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0042	0.4	0.4	0.34	0.32	84	80	33-120	4	34		
Naphthalene	mg/kg	<0.0020	0.4	0.4	0.25	0.26	62	65	27-120	4	39		
Phenanthrene	mg/kg	<0.0023	0.4	0.4	0.32	0.30	79	75	33-120	5	50		
Pyrene	mg/kg	<0.0029	0.4	0.4	0.32	0.31	81	78	34-120	4	45		
2-Fluorobiphenyl (S)	%						67	63	36-120				
Terphenyl-d14 (S)	%						73	67	36-120				

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel  
 Pace Project No.: 40287976

QC Batch: 491127 Analysis Method: ASTM D2974-87  
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40287976001

SAMPLE DUPLICATE: 2812161

Parameter	Units	40287974001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.4	6.6	2	10	

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40287976

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 491228

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40287976

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40287976001	CSRSB001	EPA 3546	491042	EPA 8270E by SIM	491097
40287976001	CSRSB001	EPA 5035/5030	491144	EPA 8260	491228
40287976001	CSRSB001	ASTM D2974-87	491127		

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**Pace**<sup>®</sup> Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 19  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40287976

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Customer Project #: 2408314  
 Project Name: Cambridge Station Release

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Brad DalSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDalSanto@geiconsultants.com  
 Cc E-Mail:

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com

Purchase Order # (if applicable):  
 Quote #:

Specify Container Size **			
6	10	10	10
Identify Container Preservative Type***			
11	1	1	1
Analysis Requested			

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) 2n Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

[ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ X ] Other Standard

County / State origin of sample(s): Wisconsin

Rush (Pre-approval required):  
 [ ] Same Day [ X ] 1 Day [ ] 2 Day [ X ] 3 Day [ ] Other

Date Results Requested: Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:

WI PVOCs 8260	PAHs 8270sim, Dry Weight	TCLP VOC 8260, TCLP SVOC 8270, TCLP PCRA metals 6010+7470	1010 Flashpoint
---------------	--------------------------	---	-----------------

Proj. Mgr:  
**Christopher Hyska**  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template:  
**5978**  
 Prelog / Bottle Ord. ID:  
**EZ 3167069**

Sample Comment  
**001**

Lab Use Only  
 Preservation non-conformance identified for sample.

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		WI PVOCs 8260	PAHs 8270sim, Dry Weight	TCLP VOC 8260, TCLP SVOC 8270, TCLP PCRA metals 6010+7470	1010 Flashpoint
			Date	Time	Date	Time		Results	Units				
CSRSB001	SS	G	--	--	11/22/24	1420	4	--	--	X	X		

Additional Instructions from Pace<sup>®</sup>:

Collected By: (Printed Name) Brad DalSanto  
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	9	0.5	4.0	4.5	Y

Relinquished by/Company: (Signature) [Signature]

Date/Time: 11/22/24 1530

Received by/Company: (Signature) GEI

Date/Time: 11/22/24 1530

Tracking Number:

Relinquished by/Company: (Signature) GEI

Date/Time: 11/22/24 1615

Received by/Company: (Signature) [Signature]

Date/Time: 11/22/24 16:15

Delivered by: [ ] In-Person [ ] Courier

Relinquished by/Company: (Signature) CS Logistics

Date/Time: 11/23/24 0840

Received by/Company: (Signature) Kes Staub-Pace

Date/Time: 11/23/24 0840

[ ] FedEX [ ] UPS [ X ] Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace<sup>®</sup> Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

ENV-FRM-CORQ-0019\_v02\_110123 ©

**Sample Preservation Receipt Form**

Client Name: GEI Madison

Project # 40287976

All containers needing preservation have been checked and noted below:  
 Lab Lot# of pH paper:

Yes  No  N/A

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

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2		
001																																			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

<b>AG1U</b> 1 liter amber glass	<b>BP1U</b> 1 liter plastic unpres	<b>VG9C</b> 40 mL clear ascorbic w/ HCl	<b>JGFU</b> 4 oz amber jar unpres
<b>BG1U</b> 1 liter clear glass	<b>BP3U</b> 250 mL plastic unpres	<b>DG9T</b> 40 mL amber Na Thio	<b>JG9U</b> 9 oz amber jar unpres
<b>AG1H</b> 1 liter amber glass HCL	<b>BP3B</b> 250 mL plastic NaOH	<b>VG9U</b> 40 mL clear vial unpres	<b>WGFU</b> 4 oz clear jar unpres
<b>AG4S</b> 125 mL amber glass H2SO4	<b>BP3N</b> 250 mL plastic HNO3	<b>VG9H</b> 40 mL clear vial HCL	<b>WPFU</b> 4 oz plastic jar unpres
<b>AG5U</b> 100 mL amber glass unpres	<b>BP3S</b> 250 mL plastic H2SO4	<b>VG9M</b> 40 mL clear vial MeOH	<b>SP5T</b> 120 mL plastic Na Thiosulfate
<b>AG2S</b> 500 mL amber glass H2SO4	<b>BP2Z</b> 500 mL plastic NaOH + Zn	<b>VG9D</b> 40 mL clear vial DI	<b>ZPLC</b> ziploc bag
<b>BG3U</b> 250 mL clear glass unpres			<b>GN 1</b>
			<b>GN 2</b>

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

Project #:

Client Name: GEI - Madison

WO#: **40287976**

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



Tracking #: N/A

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 - 9 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 4.0 /Corr: 4.5

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

Person examining contents:  
 Date: 11/23/24 Initials: KKS  
 Labeled By Initials: GF

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>1 day TAT 11/23/24 KKS</u>
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>SS</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

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

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

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

# Soils - Direct Push Soil Sampling



December 17, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288777

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 13, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288777

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288777001	SB-26	Solid	12/12/24 15:30	12/13/24 08:30
40288777002	SB-27	Solid	12/12/24 15:45	12/13/24 08:30
40288777003	SB-28	Solid	12/12/24 16:00	12/13/24 08:30
40288777004	SB-29	Solid	12/12/24 16:15	12/13/24 08:30

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288777001	SB-26	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	EGL	1	PASI-G
40288777002	SB-27	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	EGL	1	PASI-G
40288777003	SB-28	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	EGL	1	PASI-G
40288777004	SB-29	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	EGL	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288777001</b>	<b>SB-26</b>					
EPA 8270E by SIM	Naphthalene	0.0022J	mg/kg	0.020	12/16/24 20:27	
EPA 8270E by SIM	Phenanthrene	0.0029J	mg/kg	0.020	12/16/24 20:27	
ASTM D2974-87	Percent Moisture	17.4	%	0.10	12/15/24 12:14	
<b>40288777002</b>	<b>SB-27</b>					
ASTM D2974-87	Percent Moisture	8.7	%	0.10	12/15/24 12:14	
<b>40288777003</b>	<b>SB-28</b>					
ASTM D2974-87	Percent Moisture	4.8	%	0.10	12/15/24 12:14	
<b>40288777004</b>	<b>SB-29</b>					
ASTM D2974-87	Percent Moisture	2.4	%	0.10	12/15/24 12:14	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Sample: SB-26 Lab ID: 40288777001 Collected: 12/12/24 15:30 Received: 12/13/24 08:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0026	mg/kg	0.020	0.0026	1	12/16/24 08:13	12/16/24 20:27	83-32-9	
Acenaphthylene	<0.0025	mg/kg	0.020	0.0025	1	12/16/24 08:13	12/16/24 20:27	208-96-8	
Anthracene	<0.0025	mg/kg	0.020	0.0025	1	12/16/24 08:13	12/16/24 20:27	120-12-7	
Benzo(a)anthracene	<0.0026	mg/kg	0.020	0.0026	1	12/16/24 08:13	12/16/24 20:27	56-55-3	
Benzo(a)pyrene	<0.0023	mg/kg	0.020	0.0023	1	12/16/24 08:13	12/16/24 20:27	50-32-8	
Benzo(b)fluoranthene	<0.0028	mg/kg	0.020	0.0028	1	12/16/24 08:13	12/16/24 20:27	205-99-2	
Benzo(g,h,i)perylene	<0.0035	mg/kg	0.020	0.0035	1	12/16/24 08:13	12/16/24 20:27	191-24-2	
Benzo(k)fluoranthene	<0.0026	mg/kg	0.020	0.0026	1	12/16/24 08:13	12/16/24 20:27	207-08-9	
Chrysene	<0.0038	mg/kg	0.020	0.0038	1	12/16/24 08:13	12/16/24 20:27	218-01-9	
Dibenz(a,h)anthracene	<0.0028	mg/kg	0.020	0.0028	1	12/16/24 08:13	12/16/24 20:27	53-70-3	
Fluoranthene	<0.0024	mg/kg	0.020	0.0024	1	12/16/24 08:13	12/16/24 20:27	206-44-0	
Fluorene	<0.0024	mg/kg	0.020	0.0024	1	12/16/24 08:13	12/16/24 20:27	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0042	mg/kg	0.020	0.0042	1	12/16/24 08:13	12/16/24 20:27	193-39-5	
1-Methylnaphthalene	<0.0030	mg/kg	0.020	0.0030	1	12/16/24 08:13	12/16/24 20:27	90-12-0	
2-Methylnaphthalene	<0.0030	mg/kg	0.020	0.0030	1	12/16/24 08:13	12/16/24 20:27	91-57-6	R1
Naphthalene	0.0022J	mg/kg	0.020	0.0020	1	12/16/24 08:13	12/16/24 20:27	91-20-3	
Phenanthrene	0.0029J	mg/kg	0.020	0.0023	1	12/16/24 08:13	12/16/24 20:27	85-01-8	
Pyrene	<0.0030	mg/kg	0.020	0.0030	1	12/16/24 08:13	12/16/24 20:27	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	63	%	36-120		1	12/16/24 08:13	12/16/24 20:27	321-60-8	
Terphenyl-d14 (S)	76	%	36-120		1	12/16/24 08:13	12/16/24 20:27	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00058	mg/kg	0.0041	0.00058	1	12/16/24 06:00	12/16/24 14:42	71-43-2	
Ethylbenzene	<0.00073	mg/kg	0.0041	0.00073	1	12/16/24 06:00	12/16/24 14:42	100-41-4	
Methyl-tert-butyl ether	<0.0017	mg/kg	0.0041	0.0017	1	12/16/24 06:00	12/16/24 14:42	1634-04-4	
Toluene	<0.00072	mg/kg	0.0041	0.00072	1	12/16/24 06:00	12/16/24 14:42	108-88-3	
1,2,4-Trimethylbenzene	<0.0023	mg/kg	0.0041	0.0023	1	12/16/24 06:00	12/16/24 14:42	95-63-6	
1,3,5-Trimethylbenzene	<0.0025	mg/kg	0.0041	0.0025	1	12/16/24 06:00	12/16/24 14:42	108-67-8	
Xylene (Total)	<0.0028	mg/kg	0.0082	0.0028	1	12/16/24 06:00	12/16/24 14:42	1330-20-7	
m&p-Xylene	<0.0019	mg/kg	0.0041	0.0019	1	12/16/24 06:00	12/16/24 14:42	179601-23-1	
o-Xylene	<0.00086	mg/kg	0.0041	0.00086	1	12/16/24 06:00	12/16/24 14:42	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	12/16/24 06:00	12/16/24 14:42	2199-69-1	
4-Bromofluorobenzene (S)	101	%	69-158		1	12/16/24 06:00	12/16/24 14:42	460-00-4	
Toluene-d8 (S)	94	%	70-146		1	12/16/24 06:00	12/16/24 14:42	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.4	%	0.10	0.10	1		12/15/24 12:14		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Sample: SB-27 Lab ID: 40288777002 Collected: 12/12/24 15:45 Received: 12/13/24 08:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0024	mg/kg	0.018	0.0024	1	12/16/24 08:13	12/16/24 20:57	83-32-9	
Acenaphthylene	<0.0023	mg/kg	0.018	0.0023	1	12/16/24 08:13	12/16/24 20:57	208-96-8	
Anthracene	<0.0023	mg/kg	0.018	0.0023	1	12/16/24 08:13	12/16/24 20:57	120-12-7	
Benzo(a)anthracene	<0.0024	mg/kg	0.018	0.0024	1	12/16/24 08:13	12/16/24 20:57	56-55-3	
Benzo(a)pyrene	<0.0021	mg/kg	0.018	0.0021	1	12/16/24 08:13	12/16/24 20:57	50-32-8	
Benzo(b)fluoranthene	<0.0025	mg/kg	0.018	0.0025	1	12/16/24 08:13	12/16/24 20:57	205-99-2	
Benzo(g,h,i)perylene	<0.0032	mg/kg	0.018	0.0032	1	12/16/24 08:13	12/16/24 20:57	191-24-2	
Benzo(k)fluoranthene	<0.0023	mg/kg	0.018	0.0023	1	12/16/24 08:13	12/16/24 20:57	207-08-9	
Chrysene	<0.0034	mg/kg	0.018	0.0034	1	12/16/24 08:13	12/16/24 20:57	218-01-9	
Dibenz(a,h)anthracene	<0.0025	mg/kg	0.018	0.0025	1	12/16/24 08:13	12/16/24 20:57	53-70-3	
Fluoranthene	<0.0022	mg/kg	0.018	0.0022	1	12/16/24 08:13	12/16/24 20:57	206-44-0	
Fluorene	<0.0022	mg/kg	0.018	0.0022	1	12/16/24 08:13	12/16/24 20:57	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0038	mg/kg	0.018	0.0038	1	12/16/24 08:13	12/16/24 20:57	193-39-5	
1-Methylnaphthalene	<0.0027	mg/kg	0.018	0.0027	1	12/16/24 08:13	12/16/24 20:57	90-12-0	
2-Methylnaphthalene	<0.0027	mg/kg	0.018	0.0027	1	12/16/24 08:13	12/16/24 20:57	91-57-6	
Naphthalene	<0.0018	mg/kg	0.018	0.0018	1	12/16/24 08:13	12/16/24 20:57	91-20-3	
Phenanthrene	<0.0021	mg/kg	0.018	0.0021	1	12/16/24 08:13	12/16/24 20:57	85-01-8	
Pyrene	<0.0027	mg/kg	0.018	0.0027	1	12/16/24 08:13	12/16/24 20:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	36-120		1	12/16/24 08:13	12/16/24 20:57	321-60-8	
Terphenyl-d14 (S)	80	%	36-120		1	12/16/24 08:13	12/16/24 20:57	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00064	mg/kg	0.0045	0.00064	1	12/16/24 06:00	12/16/24 15:04	71-43-2	
Ethylbenzene	<0.00080	mg/kg	0.0045	0.00080	1	12/16/24 06:00	12/16/24 15:04	100-41-4	
Methyl-tert-butyl ether	<0.0018	mg/kg	0.0045	0.0018	1	12/16/24 06:00	12/16/24 15:04	1634-04-4	
Toluene	<0.00079	mg/kg	0.0045	0.00079	1	12/16/24 06:00	12/16/24 15:04	108-88-3	
1,2,4-Trimethylbenzene	<0.0025	mg/kg	0.0045	0.0025	1	12/16/24 06:00	12/16/24 15:04	95-63-6	
1,3,5-Trimethylbenzene	<0.0028	mg/kg	0.0045	0.0028	1	12/16/24 06:00	12/16/24 15:04	108-67-8	
Xylene (Total)	<0.0031	mg/kg	0.0090	0.0031	1	12/16/24 06:00	12/16/24 15:04	1330-20-7	
m&p-Xylene	<0.0021	mg/kg	0.0045	0.0021	1	12/16/24 06:00	12/16/24 15:04	179601-23-1	
o-Xylene	<0.00095	mg/kg	0.0045	0.00095	1	12/16/24 06:00	12/16/24 15:04	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	12/16/24 06:00	12/16/24 15:04	2199-69-1	
4-Bromofluorobenzene (S)	100	%	69-158		1	12/16/24 06:00	12/16/24 15:04	460-00-4	
Toluene-d8 (S)	95	%	70-146		1	12/16/24 06:00	12/16/24 15:04	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.7	%	0.10	0.10	1		12/15/24 12:14		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Sample: SB-28 Lab ID: 40288777003 Collected: 12/12/24 16:00 Received: 12/13/24 08:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0023	mg/kg	0.018	0.0023	1	12/16/24 08:13	12/16/24 21:13	83-32-9	
Acenaphthylene	<0.0022	mg/kg	0.018	0.0022	1	12/16/24 08:13	12/16/24 21:13	208-96-8	
Anthracene	<0.0022	mg/kg	0.018	0.0022	1	12/16/24 08:13	12/16/24 21:13	120-12-7	
Benzo(a)anthracene	<0.0023	mg/kg	0.018	0.0023	1	12/16/24 08:13	12/16/24 21:13	56-55-3	
Benzo(a)pyrene	<0.0020	mg/kg	0.018	0.0020	1	12/16/24 08:13	12/16/24 21:13	50-32-8	
Benzo(b)fluoranthene	<0.0024	mg/kg	0.018	0.0024	1	12/16/24 08:13	12/16/24 21:13	205-99-2	
Benzo(g,h,i)perylene	<0.0031	mg/kg	0.018	0.0031	1	12/16/24 08:13	12/16/24 21:13	191-24-2	
Benzo(k)fluoranthene	<0.0022	mg/kg	0.018	0.0022	1	12/16/24 08:13	12/16/24 21:13	207-08-9	
Chrysene	<0.0033	mg/kg	0.018	0.0033	1	12/16/24 08:13	12/16/24 21:13	218-01-9	
Dibenz(a,h)anthracene	<0.0024	mg/kg	0.018	0.0024	1	12/16/24 08:13	12/16/24 21:13	53-70-3	
Fluoranthene	<0.0021	mg/kg	0.018	0.0021	1	12/16/24 08:13	12/16/24 21:13	206-44-0	
Fluorene	<0.0021	mg/kg	0.018	0.0021	1	12/16/24 08:13	12/16/24 21:13	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0037	mg/kg	0.018	0.0037	1	12/16/24 08:13	12/16/24 21:13	193-39-5	
1-Methylnaphthalene	<0.0026	mg/kg	0.018	0.0026	1	12/16/24 08:13	12/16/24 21:13	90-12-0	
2-Methylnaphthalene	<0.0026	mg/kg	0.018	0.0026	1	12/16/24 08:13	12/16/24 21:13	91-57-6	
Naphthalene	<0.0017	mg/kg	0.018	0.0017	1	12/16/24 08:13	12/16/24 21:13	91-20-3	
Phenanthrene	<0.0020	mg/kg	0.018	0.0020	1	12/16/24 08:13	12/16/24 21:13	85-01-8	
Pyrene	<0.0026	mg/kg	0.018	0.0026	1	12/16/24 08:13	12/16/24 21:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	36-120		1	12/16/24 08:13	12/16/24 21:13	321-60-8	
Terphenyl-d14 (S)	83	%	36-120		1	12/16/24 08:13	12/16/24 21:13	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00060	mg/kg	0.0042	0.00060	1	12/16/24 06:00	12/16/24 15:25	71-43-2	
Ethylbenzene	<0.00076	mg/kg	0.0042	0.00076	1	12/16/24 06:00	12/16/24 15:25	100-41-4	
Methyl-tert-butyl ether	<0.0017	mg/kg	0.0042	0.0017	1	12/16/24 06:00	12/16/24 15:25	1634-04-4	
Toluene	<0.00075	mg/kg	0.0042	0.00075	1	12/16/24 06:00	12/16/24 15:25	108-88-3	
1,2,4-Trimethylbenzene	<0.0024	mg/kg	0.0042	0.0024	1	12/16/24 06:00	12/16/24 15:25	95-63-6	
1,3,5-Trimethylbenzene	<0.0026	mg/kg	0.0042	0.0026	1	12/16/24 06:00	12/16/24 15:25	108-67-8	
Xylene (Total)	<0.0029	mg/kg	0.0085	0.0029	1	12/16/24 06:00	12/16/24 15:25	1330-20-7	
m&p-Xylene	<0.0020	mg/kg	0.0042	0.0020	1	12/16/24 06:00	12/16/24 15:25	179601-23-1	
o-Xylene	<0.00089	mg/kg	0.0042	0.00089	1	12/16/24 06:00	12/16/24 15:25	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	12/16/24 06:00	12/16/24 15:25	2199-69-1	
4-Bromofluorobenzene (S)	101	%	69-158		1	12/16/24 06:00	12/16/24 15:25	460-00-4	
Toluene-d8 (S)	96	%	70-146		1	12/16/24 06:00	12/16/24 15:25	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	4.8	%	0.10	0.10	1		12/15/24 12:14		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Sample: SB-29 Lab ID: 40288777004 Collected: 12/12/24 16:15 Received: 12/13/24 08:30 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0022	mg/kg	0.017	0.0022	1	12/16/24 08:13	12/16/24 21:28	83-32-9	
Acenaphthylene	<0.0022	mg/kg	0.017	0.0022	1	12/16/24 08:13	12/16/24 21:28	208-96-8	
Anthracene	<0.0021	mg/kg	0.017	0.0021	1	12/16/24 08:13	12/16/24 21:28	120-12-7	
Benzo(a)anthracene	<0.0022	mg/kg	0.017	0.0022	1	12/16/24 08:13	12/16/24 21:28	56-55-3	
Benzo(a)pyrene	<0.0019	mg/kg	0.017	0.0019	1	12/16/24 08:13	12/16/24 21:28	50-32-8	
Benzo(b)fluoranthene	<0.0024	mg/kg	0.017	0.0024	1	12/16/24 08:13	12/16/24 21:28	205-99-2	
Benzo(g,h,i)perylene	<0.0030	mg/kg	0.017	0.0030	1	12/16/24 08:13	12/16/24 21:28	191-24-2	
Benzo(k)fluoranthene	<0.0022	mg/kg	0.017	0.0022	1	12/16/24 08:13	12/16/24 21:28	207-08-9	
Chrysene	<0.0032	mg/kg	0.017	0.0032	1	12/16/24 08:13	12/16/24 21:28	218-01-9	
Dibenz(a,h)anthracene	<0.0024	mg/kg	0.017	0.0024	1	12/16/24 08:13	12/16/24 21:28	53-70-3	
Fluoranthene	<0.0020	mg/kg	0.017	0.0020	1	12/16/24 08:13	12/16/24 21:28	206-44-0	
Fluorene	<0.0021	mg/kg	0.017	0.0021	1	12/16/24 08:13	12/16/24 21:28	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0036	mg/kg	0.017	0.0036	1	12/16/24 08:13	12/16/24 21:28	193-39-5	
1-Methylnaphthalene	<0.0025	mg/kg	0.017	0.0025	1	12/16/24 08:13	12/16/24 21:28	90-12-0	
2-Methylnaphthalene	<0.0025	mg/kg	0.017	0.0025	1	12/16/24 08:13	12/16/24 21:28	91-57-6	
Naphthalene	<0.0017	mg/kg	0.017	0.0017	1	12/16/24 08:13	12/16/24 21:28	91-20-3	
Phenanthrene	<0.0020	mg/kg	0.017	0.0020	1	12/16/24 08:13	12/16/24 21:28	85-01-8	
Pyrene	<0.0025	mg/kg	0.017	0.0025	1	12/16/24 08:13	12/16/24 21:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	79	%	36-120		1	12/16/24 08:13	12/16/24 21:28	321-60-8	
Terphenyl-d14 (S)	92	%	36-120		1	12/16/24 08:13	12/16/24 21:28	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00073	mg/kg	0.0051	0.00073	1	12/16/24 06:00	12/16/24 15:47	71-43-2	
Ethylbenzene	<0.00092	mg/kg	0.0051	0.00092	1	12/16/24 06:00	12/16/24 15:47	100-41-4	
Methyl-tert-butyl ether	<0.0021	mg/kg	0.0051	0.0021	1	12/16/24 06:00	12/16/24 15:47	1634-04-4	
Toluene	<0.00090	mg/kg	0.0051	0.00090	1	12/16/24 06:00	12/16/24 15:47	108-88-3	
1,2,4-Trimethylbenzene	<0.0029	mg/kg	0.0051	0.0029	1	12/16/24 06:00	12/16/24 15:47	95-63-6	
1,3,5-Trimethylbenzene	<0.0031	mg/kg	0.0051	0.0031	1	12/16/24 06:00	12/16/24 15:47	108-67-8	
Xylene (Total)	<0.0035	mg/kg	0.010	0.0035	1	12/16/24 06:00	12/16/24 15:47	1330-20-7	
m&p-Xylene	<0.0024	mg/kg	0.0051	0.0024	1	12/16/24 06:00	12/16/24 15:47	179601-23-1	
o-Xylene	<0.0011	mg/kg	0.0051	0.0011	1	12/16/24 06:00	12/16/24 15:47	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	12/16/24 06:00	12/16/24 15:47	2199-69-1	
4-Bromofluorobenzene (S)	100	%	69-158		1	12/16/24 06:00	12/16/24 15:47	460-00-4	
Toluene-d8 (S)	96	%	70-146		1	12/16/24 06:00	12/16/24 15:47	2037-26-5	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	2.4	%	0.10	0.10	1		12/15/24 12:14		

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

QC Batch:	492882	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030	Analysis Description:	8260 MSV Low
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288777001, 40288777002, 40288777003, 40288777004

METHOD BLANK: 2821266 Matrix: Solid  
 Associated Lab Samples: 40288777001, 40288777002, 40288777003, 40288777004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	12/16/24 12:12	
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	12/16/24 12:12	
Benzene	mg/kg	<0.00071	0.0050	12/16/24 12:12	
Ethylbenzene	mg/kg	<0.00089	0.0050	12/16/24 12:12	
m&p-Xylene	mg/kg	<0.0024	0.0050	12/16/24 12:12	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	12/16/24 12:12	
o-Xylene	mg/kg	<0.0011	0.0050	12/16/24 12:12	
Toluene	mg/kg	<0.00088	0.0050	12/16/24 12:12	
Xylene (Total)	mg/kg	<0.0034	0.010	12/16/24 12:12	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	12/16/24 12:12	
4-Bromofluorobenzene (S)	%	99	69-158	12/16/24 12:12	
Toluene-d8 (S)	%	93	70-146	12/16/24 12:12	

Parameter	Units	2821267		2821268		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	% Rec				
Benzene	mg/kg	0.05	0.054	0.051	108	102	70-130	6	20
Ethylbenzene	mg/kg	0.05	0.055	0.051	110	103	70-130	7	20
m&p-Xylene	mg/kg	0.1	0.11	0.11	114	106	70-130	7	20
Methyl-tert-butyl ether	mg/kg	0.05	0.050	0.050	100	99	61-130	1	20
o-Xylene	mg/kg	0.05	0.058	0.054	116	108	70-130	7	20
Toluene	mg/kg	0.05	0.054	0.050	107	101	70-130	6	20
Xylene (Total)	mg/kg	0.15	0.17	0.16	114	107	70-130	7	20
1,2-Dichlorobenzene-d4 (S)	%				99	99	70-130		
4-Bromofluorobenzene (S)	%				100	99	69-158		
Toluene-d8 (S)	%				95	95	70-146		

Parameter	Units	2821269		2821270		% Rec Limits	RPD	Max RPD	Qual		
		40288735002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					MSD Result	
Benzene	mg/kg	<0.00071	0.05	0.05	0.053	0.047	107	94	68-143	13	28
Ethylbenzene	mg/kg	<0.00089	0.05	0.05	0.055	0.048	110	95	43-160	14	37
m&p-Xylene	mg/kg	<2.4 ug/kg	0.099	0.1	0.11	0.098	115	98	39-161	15	39
Methyl-tert-butyl ether	mg/kg	<0.0020	0.05	0.05	0.050	0.044	101	88	44-148	13	28
o-Xylene	mg/kg	<1.0 ug/kg	0.05	0.05	0.056	0.050	114	99	43-152	13	40
Toluene	mg/kg	<0.00088	0.05	0.05	0.054	0.048	110	95	46-167	13	36

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

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2821269		2821270		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40288735002 Result	MS Spike Conc.	MSD Spike Conc.									
Xylene (Total)	mg/kg	<0.0034	0.15	0.15	0.17	0.15		114	98	38-161	14	38	
1,2-Dichlorobenzene-d4 (S)	%							99	100	70-130			
4-Bromofluorobenzene (S)	%							104	106	69-158			
Toluene-d8 (S)	%							97	98	70-146			

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

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

QC Batch: 492701 Analysis Method: EPA 8270E by SIM  
 QC Batch Method: EPA 3546 Analysis Description: 8270E/3546 MSSV PAH by SIM  
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288777001, 40288777002, 40288777003, 40288777004

METHOD BLANK: 2820751 Matrix: Solid  
 Associated Lab Samples: 40288777001, 40288777002, 40288777003, 40288777004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	12/16/24 18:25	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	12/16/24 18:25	
Acenaphthene	mg/kg	<0.0022	0.017	12/16/24 18:25	
Acenaphthylene	mg/kg	<0.0021	0.017	12/16/24 18:25	
Anthracene	mg/kg	<0.0021	0.017	12/16/24 18:25	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	12/16/24 18:25	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	12/16/24 18:25	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	12/16/24 18:25	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	12/16/24 18:25	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	12/16/24 18:25	
Chrysene	mg/kg	<0.0031	0.017	12/16/24 18:25	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	12/16/24 18:25	
Fluoranthene	mg/kg	<0.0020	0.017	12/16/24 18:25	
Fluorene	mg/kg	<0.0020	0.017	12/16/24 18:25	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	12/16/24 18:25	
Naphthalene	mg/kg	<0.0016	0.017	12/16/24 18:25	
Phenanthrene	mg/kg	<0.0019	0.017	12/16/24 18:25	
Pyrene	mg/kg	<0.0025	0.017	12/16/24 18:25	
2-Fluorobiphenyl (S)	%	78	36-120	12/16/24 18:25	
Terphenyl-d14 (S)	%	103	36-120	12/16/24 18:25	

LABORATORY CONTROL SAMPLE: 2820752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.26	78	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.26	78	51-120	
Acenaphthene	mg/kg	0.33	0.27	80	56-120	
Acenaphthylene	mg/kg	0.33	0.27	82	56-120	
Anthracene	mg/kg	0.33	0.29	87	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.29	86	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.30	91	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.31	94	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.29	86	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.29	86	62-120	
Chrysene	mg/kg	0.33	0.27	82	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.31	93	62-120	
Fluoranthene	mg/kg	0.33	0.30	89	62-120	
Fluorene	mg/kg	0.33	0.28	85	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.31	92	63-120	

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

**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

LABORATORY CONTROL SAMPLE: 2820752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.33	0.24	73	48-120	
Phenanthrene	mg/kg	0.33	0.29	86	57-120	
Pyrene	mg/kg	0.33	0.29	88	57-120	
2-Fluorobiphenyl (S)	%			78	36-120	
Terphenyl-d14 (S)	%			93	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2820753 2820754

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40288777001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	mg/kg	<0.0030	0.4	0.4	0.34	0.26	84	65	23-120	25	30	
2-Methylnaphthalene	mg/kg	<0.0030	0.4	0.4	0.39	0.26	95	65	24-120	38	31	R1
Acenaphthene	mg/kg	<0.0026	0.4	0.4	0.31	0.27	77	66	38-120	15	37	
Acenaphthylene	mg/kg	<0.0025	0.4	0.4	0.32	0.27	79	67	41-120	17	31	
Anthracene	mg/kg	<0.0025	0.4	0.4	0.33	0.29	82	73	44-120	11	31	
Benzo(a)anthracene	mg/kg	<0.0026	0.4	0.4	0.33	0.29	81	71	32-120	14	34	
Benzo(a)pyrene	mg/kg	<0.0023	0.4	0.4	0.34	0.29	85	73	37-120	15	34	
Benzo(b)fluoranthene	mg/kg	<0.0028	0.4	0.4	0.39	0.34	96	84	37-120	13	46	
Benzo(g,h,i)perylene	mg/kg	<0.0035	0.4	0.4	0.19	0.15	48	37	33-125	25	35	
Benzo(k)fluoranthene	mg/kg	<0.0026	0.4	0.4	0.35	0.31	86	76	41-120	13	36	
Chrysene	mg/kg	<0.0038	0.4	0.4	0.32	0.28	79	69	38-120	14	35	
Dibenz(a,h)anthracene	mg/kg	<0.0028	0.4	0.4	0.25	0.19	61	48	34-120	25	33	
Fluoranthene	mg/kg	<0.0024	0.4	0.4	0.35	0.30	87	75	37-120	15	48	
Fluorene	mg/kg	<0.0024	0.4	0.4	0.35	0.28	86	70	36-120	21	35	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0042	0.4	0.4	0.23	0.18	57	45	33-120	24	34	
Phenanthrene	mg/kg	0.0029J	0.4	0.4	0.34	0.29	84	70	33-120	18	50	
Pyrene	mg/kg	<0.0030	0.4	0.4	0.34	0.29	83	72	34-120	15	45	
2-Fluorobiphenyl (S)	%						63	59	36-120			
Terphenyl-d14 (S)	%						73	70	36-120			

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

QC Batch: 492681

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288777001, 40288777002, 40288777003, 40288777004

SAMPLE DUPLICATE: 2820711

Parameter	Units	40288676009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.9	24.5	10	10	

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288777

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288777001	SB-26	EPA 3546	492701	EPA 8270E by SIM	492761
40288777002	SB-27	EPA 3546	492701	EPA 8270E by SIM	492761
40288777003	SB-28	EPA 3546	492701	EPA 8270E by SIM	492761
40288777004	SB-29	EPA 3546	492701	EPA 8270E by SIM	492761
40288777001	SB-26	EPA 5035/5030	492882	EPA 8260	492921
40288777002	SB-27	EPA 5035/5030	492882	EPA 8260	492921
40288777003	SB-28	EPA 5035/5030	492882	EPA 8260	492921
40288777004	SB-29	EPA 5035/5030	492882	EPA 8260	492921
40288777001	SB-26	ASTM D2974-87	492681		
40288777002	SB-27	ASTM D2974-87	492681		
40288777003	SB-28	ASTM D2974-87	492681		
40288777004	SB-29	ASTM D2974-87	492681		

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**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40288777

Scan QR Code for instructions

Company Name: GEI - Madison, WI	Contact/Report To: Brad DaSanto
Street Address: 1600 Aspen Commons Suite 680 Middleton, WI 53562	Phone #: (815)289-3895 E-Mail: bdalsanto@geiconsultants.com Cc E-Mail: CGraeber@geiconsultants.com
Customer Project #: 2408314	Invoice To: Accounts Payable
Project Name: Cambridge Station Release	Invoice E-Mail: geipayables@geiconsultants.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s): Wisconsin

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [X] Other <i>standard</i>	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [X] 2 Day [ ] 3 Day [ ] Other _____	
Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		X	8270ESim PARTS	2600 PROC	CRG
			Date	Time	Date	Time		Results	Units				
SB-26	SS	G	NA	NA	12-12-24	1530	4	NA	NA				
SB-27	↓	↓	↓	↓	↓	1545	↓	↓	↓				
SB-28	↓	↓	↓	↓	↓	1600	↓	↓	↓				
SB-29	↓	↓	↓	↓	↓	1615	↓	↓	↓				

Specify Container Size **	**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
Identify Container Preservative Type***	*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Analysis Requested	

Proj. Mgr: <b>Christopher Hyska</b>	Lab Use Only Preservation non-conformance identified for sample.
AcctNum / Client ID:	
Table #:	
Profile / Template: <b>8140</b>	
Pregol / Bottle Ord. ID: <b>EZ 3180621</b>	
Sample Comment	

Additional Instructions from Pace <sup>®</sup> :	Collected By: (Printed Name) <b>Caitlin Graeber</b> Signature: <b>CRG</b>
--	--

Customer Remarks / Special Conditions / Possible Hazards:					
# Coolers: 1	Thermometer ID: SR127	Correction Factor (°C): 0.0	Obs. Temp. (°C): 0.0	Corrected Temp. (°C): 0.0	On Ice: Y

Relinquished by/Company: (Signature) <b>CRG</b>	Date/Time: 12-12-2024	Received by/Company: (Signature) <b>M. Callahan</b>	Date/Time: 12/12/24 17:10	Tracking Number: NA
Relinquished by/Company: (Signature) <b>CS logistic</b>	Date/Time: 12/12/24 0830	Received by/Company: (Signature) <b>Yvonne p...</b>	Date/Time: 12/12/24 0830	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [X] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1



Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GEI Madison

WO#: **40288777**

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



Tracking #: N/A

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-121 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0.4 /Corr: 0.0

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

Person examining contents:  
 Date: 12/13/21 Initials: YNA  
 Labeled By Initials: MK

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>preservative</u> <u>YNA 12/13/21</u>
Chain of Custody Relinquished: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace	9.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>S</u>	12.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

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

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

# Soils - Magnitude of Impact Sampling





December 16, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288544

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 10, 2024. 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

Revised report to correct 8015 TPH GRO results due to calculation error. This replaces the original dated 12/13/24. CDH  
12/16/24

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

Sincerely,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288544001	CSRSX001	Solid	12/09/24 08:35	12/10/24 09:00
40288544002	CSRSX002	Solid	12/09/24 08:42	12/10/24 09:00
40288544003	CSRSX003	Solid	12/09/24 08:55	12/10/24 09:00
40288544004	CSRSX004	Solid	12/09/24 09:08	12/10/24 09:00
40288544005	CSRSX005	Solid	12/09/24 11:20	12/10/24 09:00
40288544006	CSRSX006	Solid	12/09/24 11:40	12/10/24 09:00
40288544007	CSRSX007	Solid	12/09/24 12:15	12/10/24 09:00
40288544008	CSRSX008	Solid	12/09/24 12:30	12/10/24 09:00
40288544009	CSRSX009	Solid	12/09/24 12:50	12/10/24 09:00
40288544010	CSRSX010	Solid	12/09/24 13:30	12/10/24 09:00
40288544011	CSRSX011	Solid	12/09/24 13:45	12/10/24 09:00
40288544012	CSRSX012	Solid	12/09/24 14:00	12/10/24 09:00
40288544013	CSRSX013	Solid	12/09/24 14:10	12/10/24 09:00

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288544001	CSRSX001	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544002	CSRSX002	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	CXJ	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544003	CSRSX003	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544004	CSRSX004	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544005	CSRSX005	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544006	CSRSX006	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544007	CSRSX007	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544008	CSRSX008	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288544009	CSRSX009	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
		EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40288544010	CSRSX010	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
		EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
40288544011	CSRSX011	ASTM D2974-87	NMK	1	PASI-G
		EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40288544012	CSRSX012	EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
		EPA 8015C Modified	MRN	2	PASI-G
40288544013	CSRSX013	EPA 8015D Modified	EMG	2	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
		EPA 8015C Modified	MRN	2	PASI-G
		EPA 8015D Modified	EMG	2	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288544001</b>	<b>CSRSX001</b>					
EPA 8015C Modified	TPH (C10-C40)	11.0	mg/kg	2.0	12/12/24 08:51	B
EPA 8270E by SIM	Fluoranthene	0.0037J	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	Fluorene	0.0029J	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	1-Methylnaphthalene	0.017J	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	2-Methylnaphthalene	0.035	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	Naphthalene	0.27	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	Phenanthrene	0.0078J	mg/kg	0.020	12/11/24 11:28	
EPA 8270E by SIM	Pyrene	0.0029J	mg/kg	0.020	12/11/24 11:28	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	12/10/24 17:11	
<b>40288544002</b>	<b>CSRSX002</b>					
EPA 8015C Modified	TPH (C10-C40)	2.6	mg/kg	1.9	12/12/24 07:48	B
ASTM D2974-87	Percent Moisture	12.9	%	0.10	12/10/24 17:11	
<b>40288544003</b>	<b>CSRSX003</b>					
EPA 8015C Modified	TPH (C10-C40)	4430	mg/kg	383	12/12/24 10:51	
EPA 8015D Modified	TPH (C06-C10)	1030	mg/kg	161	12/12/24 09:52	
EPA 8270E by SIM	Acenaphthene	0.14J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Acenaphthylene	0.068J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Anthracene	0.059J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Benzo(a)anthracene	0.14J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Benzo(a)pyrene	0.098J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.15J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.097J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Chrysene	0.18J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Fluoranthene	0.31J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Fluorene	0.29J	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	1-Methylnaphthalene	1.2	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	2-Methylnaphthalene	1.9	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Naphthalene	0.70	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Phenanthrene	0.87	mg/kg	0.38	12/11/24 13:30	
EPA 8270E by SIM	Pyrene	0.32J	mg/kg	0.38	12/11/24 13:30	
EPA 8260	Benzene	5.1	mg/kg	0.10	12/11/24 20:42	
EPA 8260	Ethylbenzene	3.6	mg/kg	0.26	12/11/24 20:42	
EPA 8260	1,2,4-Trimethylbenzene	8.4	mg/kg	0.26	12/11/24 20:42	
EPA 8260	1,3,5-Trimethylbenzene	3.7	mg/kg	0.26	12/11/24 20:42	
EPA 8260	Xylene (Total)	12.0	mg/kg	0.78	12/11/24 20:42	
EPA 8260	m&p-Xylene	11.4	mg/kg	0.52	12/11/24 20:42	
EPA 8260	o-Xylene	0.56	mg/kg	0.26	12/11/24 20:42	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	12/10/24 17:11	
<b>40288544004</b>	<b>CSRSX004</b>					
EPA 8015C Modified	TPH (C10-C40)	20900	mg/kg	1810	12/12/24 10:59	
EPA 8015D Modified	TPH (C06-C10)	2990	mg/kg	448	12/12/24 10:18	
EPA 8270E by SIM	Acenaphthene	0.59J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Anthracene	0.50J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Benzo(a)anthracene	0.91J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Benzo(a)pyrene	0.61J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.82J	mg/kg	3.2	12/11/24 13:45	

## REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40288544004</b>	<b>CSRSX004</b>					
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.65J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Chrysene	1.0J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Fluoranthene	1.7J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Fluorene	0.91J	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	1-Methylnaphthalene	3.9	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	2-Methylnaphthalene	6.1	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Naphthalene	2.7J	mg/kg	3.2	12/11/24 13:45	D3
EPA 8270E by SIM	Phenanthrene	3.6	mg/kg	3.2	12/11/24 13:45	
EPA 8270E by SIM	Pyrene	1.9J	mg/kg	3.2	12/11/24 13:45	
EPA 8260	Benzene	34.6	mg/kg	0.45	12/11/24 18:25	
EPA 8260	Ethylbenzene	20.8	mg/kg	1.1	12/11/24 18:25	
EPA 8260	Toluene	1.0J	mg/kg	1.1	12/11/24 18:25	
EPA 8260	1,2,4-Trimethylbenzene	37.2	mg/kg	1.1	12/11/24 18:25	
EPA 8260	1,3,5-Trimethylbenzene	16.5	mg/kg	1.1	12/11/24 18:25	
EPA 8260	Xylene (Total)	70.4	mg/kg	3.4	12/11/24 18:25	
EPA 8260	m&p-Xylene	69.4	mg/kg	2.2	12/11/24 18:25	
EPA 8260	o-Xylene	0.99J	mg/kg	1.1	12/11/24 18:25	
ASTM D2974-87	Percent Moisture	5.6	%	0.10	12/10/24 17:11	
<b>40288544005</b>	<b>CSRSX005</b>					
EPA 8015C Modified	TPH (C10-C40)	23400	mg/kg	3680	12/12/24 11:06	B
EPA 8015D Modified	TPH (C06-C10)	1410	mg/kg	300	12/11/24 19:24	
EPA 8270E by SIM	Acenaphthene	0.99J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Anthracene	0.86J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Benzo(a)anthracene	1.4J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Benzo(a)pyrene	0.97J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Benzo(b)fluoranthene	1.4J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.96J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Chrysene	1.5J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Fluoranthene	2.9J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Fluorene	1.5J	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	1-Methylnaphthalene	6.6	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	2-Methylnaphthalene	10.4	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Naphthalene	4.5	mg/kg	3.7	12/11/24 14:00	D3
EPA 8270E by SIM	Phenanthrene	6.0	mg/kg	3.7	12/11/24 14:00	
EPA 8270E by SIM	Pyrene	3.0J	mg/kg	3.7	12/11/24 14:00	
EPA 8260	Benzene	34.1	mg/kg	0.48	12/11/24 18:44	
EPA 8260	Ethylbenzene	23.8	mg/kg	1.2	12/11/24 18:44	
EPA 8260	Toluene	9.1	mg/kg	1.2	12/11/24 18:44	
EPA 8260	1,2,4-Trimethylbenzene	37.1	mg/kg	1.2	12/11/24 18:44	
EPA 8260	1,3,5-Trimethylbenzene	20.4	mg/kg	1.2	12/11/24 18:44	
EPA 8260	Xylene (Total)	78.2	mg/kg	3.6	12/11/24 18:44	
EPA 8260	m&p-Xylene	70.3	mg/kg	2.4	12/11/24 18:44	
EPA 8260	o-Xylene	7.9	mg/kg	1.2	12/11/24 18:44	
ASTM D2974-87	Percent Moisture	9.1	%	0.10	12/10/24 17:11	
<b>40288544006</b>	<b>CSRSX006</b>					
EPA 8015C Modified	TPH (C10-C40)	16500	mg/kg	838	12/12/24 09:22	

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## SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288544006</b>	<b>CSRSX006</b>					
EPA 8015D Modified	TPH (C06-C10)	4070	mg/kg	492	12/11/24 20:57	
EPA 8270E by SIM	Acenaphthene	0.58J	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	Fluoranthene	0.81J	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	Fluorene	0.90J	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	1-Methylnaphthalene	4.3	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	2-Methylnaphthalene	6.6	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	Naphthalene	2.9J	mg/kg	3.7	12/11/24 14:15	D3
EPA 8270E by SIM	Phenanthrene	3.2J	mg/kg	3.7	12/11/24 14:15	
EPA 8270E by SIM	Pyrene	1.2J	mg/kg	3.7	12/11/24 14:15	
EPA 8260	Benzene	40.1	mg/kg	0.49	12/11/24 19:04	
EPA 8260	Ethylbenzene	18.8	mg/kg	1.2	12/11/24 19:04	
EPA 8260	Toluene	2.7	mg/kg	1.2	12/11/24 19:04	
EPA 8260	1,2,4-Trimethylbenzene	26.6	mg/kg	1.2	12/11/24 19:04	
EPA 8260	1,3,5-Trimethylbenzene	13.0	mg/kg	1.2	12/11/24 19:04	
EPA 8260	Xylene (Total)	79.2	mg/kg	3.7	12/11/24 19:04	
EPA 8260	m&p-Xylene	76.1	mg/kg	2.5	12/11/24 19:04	
EPA 8260	o-Xylene	3.1	mg/kg	1.2	12/11/24 19:04	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	12/10/24 17:11	
<b>40288544007</b>	<b>CSRSX007</b>					
EPA 8015C Modified	TPH (C10-C40)	15100	mg/kg	1720	12/12/24 11:14	
EPA 8015D Modified	TPH (C06-C10)	4330	mg/kg	647	12/12/24 10:03	
EPA 8270E by SIM	Acenaphthene	0.52J	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	Fluoranthene	0.55J	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	Fluorene	1.1J	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	1-Methylnaphthalene	5.9	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	2-Methylnaphthalene	9.0	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	Naphthalene	4.1	mg/kg	3.8	12/11/24 14:31	D3
EPA 8270E by SIM	Phenanthrene	2.8J	mg/kg	3.8	12/11/24 14:31	
EPA 8270E by SIM	Pyrene	0.68J	mg/kg	3.8	12/11/24 14:31	
EPA 8260	Benzene	76.5	mg/kg	0.65	12/11/24 18:05	
EPA 8260	Ethylbenzene	36.5	mg/kg	1.6	12/11/24 18:05	
EPA 8260	Toluene	0.62J	mg/kg	1.6	12/11/24 18:05	
EPA 8260	1,2,4-Trimethylbenzene	11.2	mg/kg	1.6	12/11/24 18:05	
EPA 8260	1,3,5-Trimethylbenzene	2.6	mg/kg	1.6	12/11/24 18:05	
EPA 8260	Xylene (Total)	12.8	mg/kg	4.9	12/11/24 18:05	
EPA 8260	m&p-Xylene	11.3	mg/kg	3.2	12/11/24 18:05	
EPA 8260	o-Xylene	1.5J	mg/kg	1.6	12/11/24 18:05	
ASTM D2974-87	Percent Moisture	12.8	%	0.10	12/10/24 17:11	
<b>40288544008</b>	<b>CSRSX008</b>					
EPA 8015C Modified	TPH (C10-C40)	21300	mg/kg	1690	12/12/24 11:22	
EPA 8015D Modified	TPH (C06-C10)	4500	mg/kg	500	12/11/24 21:23	
EPA 8270E by SIM	Acenaphthene	0.53J	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	Chrysene	0.66J	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	Fluoranthene	0.48J	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	Fluorene	0.80J	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	1-Methylnaphthalene	3.9	mg/kg	3.4	12/11/24 14:46	

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## SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40288544008</b>	<b>CSRSX008</b>					
EPA 8270E by SIM	2-Methylnaphthalene	6.1	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	Naphthalene	2.7J	mg/kg	3.4	12/11/24 14:46	D3
EPA 8270E by SIM	Phenanthrene	3.0J	mg/kg	3.4	12/11/24 14:46	
EPA 8270E by SIM	Pyrene	1.1J	mg/kg	3.4	12/11/24 14:46	
EPA 8260	Benzene	63.6	mg/kg	0.31	12/11/24 20:02	
EPA 8260	Ethylbenzene	22.1	mg/kg	0.78	12/11/24 20:02	
EPA 8260	Toluene	63.4	mg/kg	0.78	12/11/24 20:02	
EPA 8260	1,2,4-Trimethylbenzene	31.0	mg/kg	0.78	12/11/24 20:02	
EPA 8260	1,3,5-Trimethylbenzene	15.5	mg/kg	0.78	12/11/24 20:02	
EPA 8260	Xylene (Total)	108	mg/kg	2.3	12/11/24 20:02	
EPA 8260	m&p-Xylene	87.3	mg/kg	1.6	12/11/24 20:02	
EPA 8260	o-Xylene	20.5	mg/kg	0.78	12/11/24 20:02	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	12/10/24 17:11	
<b>40288544009</b>	<b>CSRSX009</b>					
EPA 8015C Modified	TPH (C10-C40)	11700	mg/kg	1480	12/12/24 11:30	
EPA 8015D Modified	TPH (C06-C10)	2350	mg/kg	485	12/11/24 20:06	
EPA 8270E by SIM	Fluorene	0.47J	mg/kg	3.3	12/11/24 15:01	
EPA 8270E by SIM	1-Methylnaphthalene	2.2J	mg/kg	3.3	12/11/24 15:01	
EPA 8270E by SIM	2-Methylnaphthalene	3.3	mg/kg	3.3	12/11/24 15:01	
EPA 8270E by SIM	Naphthalene	1.4J	mg/kg	3.3	12/11/24 15:01	D3
EPA 8270E by SIM	Phenanthrene	1.5J	mg/kg	3.3	12/11/24 15:01	
EPA 8270E by SIM	Pyrene	0.59J	mg/kg	3.3	12/11/24 15:01	
EPA 8260	Benzene	5.3	mg/kg	0.12	12/11/24 20:22	
EPA 8260	Ethylbenzene	6.9	mg/kg	0.30	12/11/24 20:22	
EPA 8260	Toluene	9.4	mg/kg	0.30	12/11/24 20:22	
EPA 8260	1,2,4-Trimethylbenzene	14.2	mg/kg	0.30	12/11/24 20:22	
EPA 8260	1,3,5-Trimethylbenzene	6.7	mg/kg	0.30	12/11/24 20:22	
EPA 8260	Xylene (Total)	35.5	mg/kg	0.91	12/11/24 20:22	
EPA 8260	m&p-Xylene	28.9	mg/kg	0.61	12/11/24 20:22	
EPA 8260	o-Xylene	6.5	mg/kg	0.30	12/11/24 20:22	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	12/10/24 17:12	
<b>40288544010</b>	<b>CSRSX010</b>					
EPA 8015C Modified	TPH (C10-C40)	31600	mg/kg	3180	12/12/24 11:38	
EPA 8015D Modified	TPH (C06-C10)	8370	mg/kg	1110	12/11/24 19:15	
EPA 8270E by SIM	Acenaphthene	0.78J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Anthracene	0.43J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Benzo(a)anthracene	0.65J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Benzo(a)pyrene	0.52J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.67J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.62J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Chrysene	1.9J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Fluoranthene	0.98J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Fluorene	1.2J	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	1-Methylnaphthalene	5.5	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	2-Methylnaphthalene	8.7	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Naphthalene	3.9	mg/kg	3.2	12/11/24 15:16	D3

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## SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40288544010</b>	<b>CSRSX010</b>					
EPA 8270E by SIM	Phenanthrene	4.3	mg/kg	3.2	12/11/24 15:16	
EPA 8270E by SIM	Pyrene	1.6J	mg/kg	3.2	12/11/24 15:16	
EPA 8260	Benzene	109	mg/kg	1.8	12/11/24 17:26	
EPA 8260	Ethylbenzene	38.8	mg/kg	4.4	12/11/24 17:26	
EPA 8260	Toluene	112	mg/kg	4.4	12/11/24 17:26	
EPA 8260	1,2,4-Trimethylbenzene	55.1	mg/kg	4.4	12/11/24 17:26	
EPA 8260	1,3,5-Trimethylbenzene	27.1	mg/kg	4.4	12/11/24 17:26	
EPA 8260	Xylene (Total)	193	mg/kg	13.3	12/11/24 17:26	
EPA 8260	m&p-Xylene	164	mg/kg	8.9	12/11/24 17:26	
EPA 8260	o-Xylene	29.7	mg/kg	4.4	12/11/24 17:26	
ASTM D2974-87	Percent Moisture	5.3	%	0.10	12/10/24 17:12	
<b>40288544011</b>	<b>CSRSX011</b>					
EPA 8015C Modified	TPH (C10-C40)	31600	mg/kg	2960	12/12/24 11:45	
EPA 8015D Modified	TPH (C06-C10)	2590	mg/kg	488	12/11/24 21:48	
EPA 8270E by SIM	Acenaphthene	1.6J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Acenaphthylene	0.84J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Anthracene	0.62J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Benzo(a)anthracene	0.78J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Benzo(a)pyrene	0.57J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.89J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Benzo(g,h,i)perylene	0.67J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Chrysene	1.1J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Fluoranthene	1.8J	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Fluorene	3.6	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	1-Methylnaphthalene	17.6	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	2-Methylnaphthalene	26.6	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Naphthalene	11.9	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Phenanthrene	8.8	mg/kg	3.3	12/11/24 15:32	
EPA 8270E by SIM	Pyrene	2.2J	mg/kg	3.3	12/11/24 15:32	
EPA 8260	Benzene	17.4	mg/kg	0.49	12/11/24 19:23	
EPA 8260	Ethylbenzene	7.8	mg/kg	1.2	12/11/24 19:23	
EPA 8260	Toluene	1.3	mg/kg	1.2	12/11/24 19:23	
EPA 8260	1,2,4-Trimethylbenzene	3.4	mg/kg	1.2	12/11/24 19:23	
EPA 8260	1,3,5-Trimethylbenzene	3.1	mg/kg	1.2	12/11/24 19:23	
EPA 8260	Xylene (Total)	16.8	mg/kg	3.7	12/11/24 19:23	
EPA 8260	m&p-Xylene	13.5	mg/kg	2.4	12/11/24 19:23	
EPA 8260	o-Xylene	3.4	mg/kg	1.2	12/11/24 19:23	
ASTM D2974-87	Percent Moisture	9.9	%	0.10	12/10/24 17:12	
<b>40288544012</b>	<b>CSRSX012</b>					
EPA 8015C Modified	TPH (C10-C40)	23600	mg/kg	3340	12/12/24 11:53	
EPA 8015D Modified	TPH (C06-C10)	2960	mg/kg	614	12/12/24 09:37	
EPA 8270E by SIM	Acenaphthene	1.3J	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Acenaphthylene	0.77J	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Fluoranthene	0.52J	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Fluorene	3.8J	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	1-Methylnaphthalene	20.9	mg/kg	4.2	12/11/24 15:47	

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## SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288544012</b>	<b>CSRSX012</b>					
EPA 8270E by SIM	2-Methylnaphthalene	30.5	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Naphthalene	13.0	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Phenanthrene	7.0	mg/kg	4.2	12/11/24 15:47	
EPA 8270E by SIM	Pyrene	0.73J	mg/kg	4.2	12/11/24 15:47	
EPA 8260	Ethylbenzene	1.2J	mg/kg	2.5	12/11/24 17:46	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	12/10/24 17:12	
<b>40288544013</b>	<b>CSRSX013</b>					
EPA 8015C Modified	TPH (C10-C40)	21500	mg/kg	3390	12/12/24 12:01	B
EPA 8015D Modified	TPH (C06-C10)	4000	mg/kg	502	12/11/24 20:32	
EPA 8270E by SIM	Acenaphthene	0.78J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Benzo(a)anthracene	0.52J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Benzo(b)fluoranthene	0.51J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Chrysene	1.5J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Fluoranthene	0.83J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Fluorene	1.2J	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	1-Methylnaphthalene	5.9	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	2-Methylnaphthalene	9.0	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Naphthalene	4.0	mg/kg	3.4	12/11/24 16:02	D3
EPA 8270E by SIM	Phenanthrene	3.9	mg/kg	3.4	12/11/24 16:02	
EPA 8270E by SIM	Pyrene	1.3J	mg/kg	3.4	12/11/24 16:02	
EPA 8260	Benzene	42.4	mg/kg	0.50	12/11/24 19:43	
EPA 8260	Ethylbenzene	16.3	mg/kg	1.3	12/11/24 19:43	
EPA 8260	Toluene	61.3	mg/kg	1.3	12/11/24 19:43	
EPA 8260	1,2,4-Trimethylbenzene	27.0	mg/kg	1.3	12/11/24 19:43	
EPA 8260	1,3,5-Trimethylbenzene	12.8	mg/kg	1.3	12/11/24 19:43	
EPA 8260	Xylene (Total)	91.4	mg/kg	3.8	12/11/24 19:43	
EPA 8260	m&p-Xylene	73.5	mg/kg	2.5	12/11/24 19:43	
EPA 8260	o-Xylene	17.9	mg/kg	1.3	12/11/24 19:43	
ASTM D2974-87	Percent Moisture	11.3	%	0.10	12/10/24 17:12	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX001 Lab ID: 40288544001 Collected: 12/09/24 08:35 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	11.0	mg/kg	2.0	0.84	1	12/11/24 08:46	12/12/24 08:51		B
<b>Surrogates</b>									
o-Terphenyl (S)	48	%	10-135		1	12/11/24 08:46	12/12/24 08:51	84-15-1	
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	<7.4	mg/kg	13.6	7.4	1	12/11/24 09:30	12/11/24 11:35		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	116	%	77-185		1	12/11/24 09:30	12/11/24 11:35	98-08-8	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0026	mg/kg	0.020	0.0026	1	12/11/24 07:56	12/11/24 11:28	83-32-9	
Acenaphthylene	<0.0025	mg/kg	0.020	0.0025	1	12/11/24 07:56	12/11/24 11:28	208-96-8	
Anthracene	<0.0024	mg/kg	0.020	0.0024	1	12/11/24 07:56	12/11/24 11:28	120-12-7	
Benzo(a)anthracene	<0.0025	mg/kg	0.020	0.0025	1	12/11/24 07:56	12/11/24 11:28	56-55-3	
Benzo(a)pyrene	<0.0022	mg/kg	0.020	0.0022	1	12/11/24 07:56	12/11/24 11:28	50-32-8	
Benzo(b)fluoranthene	<0.0027	mg/kg	0.020	0.0027	1	12/11/24 07:56	12/11/24 11:28	205-99-2	
Benzo(g,h,i)perylene	<0.0035	mg/kg	0.020	0.0035	1	12/11/24 07:56	12/11/24 11:28	191-24-2	
Benzo(k)fluoranthene	<0.0025	mg/kg	0.020	0.0025	1	12/11/24 07:56	12/11/24 11:28	207-08-9	
Chrysene	<0.0037	mg/kg	0.020	0.0037	1	12/11/24 07:56	12/11/24 11:28	218-01-9	
Dibenz(a,h)anthracene	<0.0027	mg/kg	0.020	0.0027	1	12/11/24 07:56	12/11/24 11:28	53-70-3	
Fluoranthene	0.0037J	mg/kg	0.020	0.0023	1	12/11/24 07:56	12/11/24 11:28	206-44-0	
Fluorene	0.0029J	mg/kg	0.020	0.0024	1	12/11/24 07:56	12/11/24 11:28	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0041	mg/kg	0.020	0.0041	1	12/11/24 07:56	12/11/24 11:28	193-39-5	
1-Methylnaphthalene	0.017J	mg/kg	0.020	0.0029	1	12/11/24 07:56	12/11/24 11:28	90-12-0	
2-Methylnaphthalene	0.035	mg/kg	0.020	0.0029	1	12/11/24 07:56	12/11/24 11:28	91-57-6	
Naphthalene	0.27	mg/kg	0.020	0.0019	1	12/11/24 07:56	12/11/24 11:28	91-20-3	
Phenanthrene	0.0078J	mg/kg	0.020	0.0023	1	12/11/24 07:56	12/11/24 11:28	85-01-8	
Pyrene	0.0029J	mg/kg	0.020	0.0029	1	12/11/24 07:56	12/11/24 11:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	36-120		1	12/11/24 07:56	12/11/24 11:28	321-60-8	
Terphenyl-d14 (S)	66	%	36-120		1	12/11/24 07:56	12/11/24 11:28	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00061	mg/kg	0.0043	0.00061	1	12/11/24 06:00	12/11/24 14:50	71-43-2	
Ethylbenzene	<0.00077	mg/kg	0.0043	0.00077	1	12/11/24 06:00	12/11/24 14:50	100-41-4	
Methyl-tert-butyl ether	<0.0018	mg/kg	0.0043	0.0018	1	12/11/24 06:00	12/11/24 14:50	1634-04-4	
Toluene	<0.00076	mg/kg	0.0043	0.00076	1	12/11/24 06:00	12/11/24 14:50	108-88-3	
1,2,4-Trimethylbenzene	<0.0024	mg/kg	0.0043	0.0024	1	12/11/24 06:00	12/11/24 14:50	95-63-6	
1,3,5-Trimethylbenzene	<0.0027	mg/kg	0.0043	0.0027	1	12/11/24 06:00	12/11/24 14:50	108-67-8	
Xylene (Total)	<0.0030	mg/kg	0.0087	0.0030	1	12/11/24 06:00	12/11/24 14:50	1330-20-7	
m&p-Xylene	<0.0020	mg/kg	0.0043	0.0020	1	12/11/24 06:00	12/11/24 14:50	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX001 Lab ID: 40288544001 Collected: 12/09/24 08:35 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5030/5035 Low Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030 Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>&lt;0.00091</b>	mg/kg	0.0043	0.00091	1	12/11/24 06:00	12/11/24 14:50	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	12/11/24 06:00	12/11/24 14:50	2199-69-1	
4-Bromofluorobenzene (S)	99	%	69-158		1	12/11/24 06:00	12/11/24 14:50	460-00-4	
Toluene-d8 (S)	95	%	70-146		1	12/11/24 06:00	12/11/24 14:50	2037-26-5	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>15.2</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX002 Lab ID: 40288544002 Collected: 12/09/24 08:42 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	2.6	mg/kg	1.9	0.82	1	12/11/24 08:46	12/12/24 07:48		B
<b>Surrogates</b>									
o-Terphenyl (S)	60	%	10-135		1	12/11/24 08:46	12/12/24 07:48	84-15-1	
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	<7.0	mg/kg	13.0	7.0	1	12/11/24 09:30	12/11/24 12:00		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	115	%	77-185		1	12/11/24 09:30	12/11/24 12:00	98-08-8	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.0025	mg/kg	0.019	0.0025	1	12/11/24 07:56	12/11/24 11:43	83-32-9	
Acenaphthylene	<0.0024	mg/kg	0.019	0.0024	1	12/11/24 07:56	12/11/24 11:43	208-96-8	
Anthracene	<0.0024	mg/kg	0.019	0.0024	1	12/11/24 07:56	12/11/24 11:43	120-12-7	
Benzo(a)anthracene	<0.0025	mg/kg	0.019	0.0025	1	12/11/24 07:56	12/11/24 11:43	56-55-3	
Benzo(a)pyrene	<0.0022	mg/kg	0.019	0.0022	1	12/11/24 07:56	12/11/24 11:43	50-32-8	
Benzo(b)fluoranthene	<0.0027	mg/kg	0.019	0.0027	1	12/11/24 07:56	12/11/24 11:43	205-99-2	
Benzo(g,h,i)perylene	<0.0034	mg/kg	0.019	0.0034	1	12/11/24 07:56	12/11/24 11:43	191-24-2	
Benzo(k)fluoranthene	<0.0025	mg/kg	0.019	0.0025	1	12/11/24 07:56	12/11/24 11:43	207-08-9	
Chrysene	<0.0036	mg/kg	0.019	0.0036	1	12/11/24 07:56	12/11/24 11:43	218-01-9	
Dibenz(a,h)anthracene	<0.0027	mg/kg	0.019	0.0027	1	12/11/24 07:56	12/11/24 11:43	53-70-3	
Fluoranthene	<0.0023	mg/kg	0.019	0.0023	1	12/11/24 07:56	12/11/24 11:43	206-44-0	
Fluorene	<0.0023	mg/kg	0.019	0.0023	1	12/11/24 07:56	12/11/24 11:43	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0040	mg/kg	0.019	0.0040	1	12/11/24 07:56	12/11/24 11:43	193-39-5	
1-Methylnaphthalene	<0.0028	mg/kg	0.019	0.0028	1	12/11/24 07:56	12/11/24 11:43	90-12-0	
2-Methylnaphthalene	<0.0028	mg/kg	0.019	0.0028	1	12/11/24 07:56	12/11/24 11:43	91-57-6	
Naphthalene	<0.0019	mg/kg	0.019	0.0019	1	12/11/24 07:56	12/11/24 11:43	91-20-3	
Phenanthrene	<0.0022	mg/kg	0.019	0.0022	1	12/11/24 07:56	12/11/24 11:43	85-01-8	
Pyrene	<0.0028	mg/kg	0.019	0.0028	1	12/11/24 07:56	12/11/24 11:43	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-120		1	12/11/24 07:56	12/11/24 11:43	321-60-8	
Terphenyl-d14 (S)	78	%	36-120		1	12/11/24 07:56	12/11/24 11:43	1718-51-0	
<b>8260 MSV 5030/5035 Low Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030									
Pace Analytical Services - Green Bay									
Benzene	<0.00068	mg/kg	0.0048	0.00068	1	12/11/24 06:00	12/11/24 14:29	71-43-2	
Ethylbenzene	<0.00086	mg/kg	0.0048	0.00086	1	12/11/24 06:00	12/11/24 14:29	100-41-4	
Methyl-tert-butyl ether	<0.0020	mg/kg	0.0048	0.0020	1	12/11/24 06:00	12/11/24 14:29	1634-04-4	
Toluene	<0.00085	mg/kg	0.0048	0.00085	1	12/11/24 06:00	12/11/24 14:29	108-88-3	
1,2,4-Trimethylbenzene	<0.0027	mg/kg	0.0048	0.0027	1	12/11/24 06:00	12/11/24 14:29	95-63-6	
1,3,5-Trimethylbenzene	<0.0030	mg/kg	0.0048	0.0030	1	12/11/24 06:00	12/11/24 14:29	108-67-8	
Xylene (Total)	<0.0033	mg/kg	0.0097	0.0033	1	12/11/24 06:00	12/11/24 14:29	1330-20-7	
m&p-Xylene	<0.0023	mg/kg	0.0048	0.0023	1	12/11/24 06:00	12/11/24 14:29	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX002 Lab ID: 40288544002 Collected: 12/09/24 08:42 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5030/5035 Low Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030 Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>&lt;0.0010</b>	mg/kg	0.0048	0.0010	1	12/11/24 06:00	12/11/24 14:29	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	12/11/24 06:00	12/11/24 14:29	2199-69-1	
4-Bromofluorobenzene (S)	97	%	69-158		1	12/11/24 06:00	12/11/24 14:29	460-00-4	
Toluene-d8 (S)	93	%	70-146		1	12/11/24 06:00	12/11/24 14:29	2037-26-5	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>12.9</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX003 Lab ID: 40288544003 Collected: 12/09/24 08:55 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	4430	mg/kg	383	163	200	12/11/24 08:46	12/12/24 10:51		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		200	12/11/24 08:46	12/12/24 10:51	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	1030	mg/kg	161	87.6	12.5	12/11/24 09:30	12/12/24 09:52		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	170	%	77-185		12.5	12/11/24 09:30	12/12/24 09:52	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.14J	mg/kg	0.38	0.050	20	12/11/24 07:56	12/11/24 13:30	83-32-9	
Acenaphthylene	0.068J	mg/kg	0.38	0.048	20	12/11/24 07:56	12/11/24 13:30	208-96-8	
Anthracene	0.059J	mg/kg	0.38	0.047	20	12/11/24 07:56	12/11/24 13:30	120-12-7	
Benzo(a)anthracene	0.14J	mg/kg	0.38	0.049	20	12/11/24 07:56	12/11/24 13:30	56-55-3	
Benzo(a)pyrene	0.098J	mg/kg	0.38	0.043	20	12/11/24 07:56	12/11/24 13:30	50-32-8	
Benzo(b)fluoranthene	0.15J	mg/kg	0.38	0.053	20	12/11/24 07:56	12/11/24 13:30	205-99-2	
Benzo(g,h,i)perylene	0.097J	mg/kg	0.38	0.067	20	12/11/24 07:56	12/11/24 13:30	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.38	0.049	20	12/11/24 07:56	12/11/24 13:30	207-08-9	
Chrysene	0.18J	mg/kg	0.38	0.072	20	12/11/24 07:56	12/11/24 13:30	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.38	0.053	20	12/11/24 07:56	12/11/24 13:30	53-70-3	
Fluoranthene	0.31J	mg/kg	0.38	0.045	20	12/11/24 07:56	12/11/24 13:30	206-44-0	
Fluorene	0.29J	mg/kg	0.38	0.046	20	12/11/24 07:56	12/11/24 13:30	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.080	mg/kg	0.38	0.080	20	12/11/24 07:56	12/11/24 13:30	193-39-5	
1-Methylnaphthalene	1.2	mg/kg	0.38	0.056	20	12/11/24 07:56	12/11/24 13:30	90-12-0	
2-Methylnaphthalene	1.9	mg/kg	0.38	0.056	20	12/11/24 07:56	12/11/24 13:30	91-57-6	
Naphthalene	0.70	mg/kg	0.38	0.037	20	12/11/24 07:56	12/11/24 13:30	91-20-3	
Phenanthrene	0.87	mg/kg	0.38	0.044	20	12/11/24 07:56	12/11/24 13:30	85-01-8	
Pyrene	0.32J	mg/kg	0.38	0.056	20	12/11/24 07:56	12/11/24 13:30	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	58	%	36-120		20	12/11/24 07:56	12/11/24 13:30	321-60-8	
Terphenyl-d14 (S)	59	%	36-120		20	12/11/24 07:56	12/11/24 13:30	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	5.1	mg/kg	0.10	0.061	4	12/11/24 10:15	12/11/24 20:42	71-43-2	
Ethylbenzene	3.6	mg/kg	0.26	0.061	4	12/11/24 10:15	12/11/24 20:42	100-41-4	
Methyl-tert-butyl ether	<0.076	mg/kg	0.26	0.076	4	12/11/24 10:15	12/11/24 20:42	1634-04-4	
Toluene	<0.065	mg/kg	0.26	0.065	4	12/11/24 10:15	12/11/24 20:42	108-88-3	
1,2,4-Trimethylbenzene	8.4	mg/kg	0.26	0.077	4	12/11/24 10:15	12/11/24 20:42	95-63-6	
1,3,5-Trimethylbenzene	3.7	mg/kg	0.26	0.083	4	12/11/24 10:15	12/11/24 20:42	108-67-8	
Xylene (Total)	12.0	mg/kg	0.78	0.19	4	12/11/24 10:15	12/11/24 20:42	1330-20-7	
m&p-Xylene	11.4	mg/kg	0.52	0.11	4	12/11/24 10:15	12/11/24 20:42	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX003 Lab ID: 40288544003 Collected: 12/09/24 08:55 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>0.56</b>	mg/kg	0.26	0.078	4	12/11/24 10:15	12/11/24 20:42	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	147	%	70-172		4	12/11/24 10:15	12/11/24 20:42	2037-26-5	
4-Bromofluorobenzene (S)	148	%	58-188		4	12/11/24 10:15	12/11/24 20:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	155	%	56-189		4	12/11/24 10:15	12/11/24 20:42	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>12.7</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX004 Lab ID: 40288544004 Collected: 12/09/24 09:08 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	20900	mg/kg	1810	771	25	12/11/24 08:46	12/12/24 10:59		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		25	12/11/24 08:46	12/12/24 10:59	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	2990	mg/kg	448	243	40	12/11/24 09:30	12/12/24 10:18		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	256	%	77-185		40	12/11/24 09:30	12/12/24 10:18	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.59J	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 13:45	83-32-9	
Acenaphthylene	<0.40	mg/kg	3.2	0.40	4	12/11/24 07:56	12/11/24 13:45	208-96-8	
Anthracene	0.50J	mg/kg	3.2	0.39	4	12/11/24 07:56	12/11/24 13:45	120-12-7	
Benzo(a)anthracene	0.91J	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 13:45	56-55-3	
Benzo(a)pyrene	0.61J	mg/kg	3.2	0.36	4	12/11/24 07:56	12/11/24 13:45	50-32-8	
Benzo(b)fluoranthene	0.82J	mg/kg	3.2	0.44	4	12/11/24 07:56	12/11/24 13:45	205-99-2	
Benzo(g,h,i)perylene	0.65J	mg/kg	3.2	0.56	4	12/11/24 07:56	12/11/24 13:45	191-24-2	
Benzo(k)fluoranthene	<0.41	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 13:45	207-08-9	
Chrysene	1.0J	mg/kg	3.2	0.60	4	12/11/24 07:56	12/11/24 13:45	218-01-9	
Dibenz(a,h)anthracene	<0.44	mg/kg	3.2	0.44	4	12/11/24 07:56	12/11/24 13:45	53-70-3	
Fluoranthene	1.7J	mg/kg	3.2	0.38	4	12/11/24 07:56	12/11/24 13:45	206-44-0	
Fluorene	0.91J	mg/kg	3.2	0.38	4	12/11/24 07:56	12/11/24 13:45	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.66	mg/kg	3.2	0.66	4	12/11/24 07:56	12/11/24 13:45	193-39-5	
1-Methylnaphthalene	3.9	mg/kg	3.2	0.46	4	12/11/24 07:56	12/11/24 13:45	90-12-0	
2-Methylnaphthalene	6.1	mg/kg	3.2	0.47	4	12/11/24 07:56	12/11/24 13:45	91-57-6	
Naphthalene	2.7J	mg/kg	3.2	0.31	4	12/11/24 07:56	12/11/24 13:45	91-20-3	D3
Phenanthrene	3.6	mg/kg	3.2	0.36	4	12/11/24 07:56	12/11/24 13:45	85-01-8	
Pyrene	1.9J	mg/kg	3.2	0.47	4	12/11/24 07:56	12/11/24 13:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	81	%	36-120		4	12/11/24 07:56	12/11/24 13:45	321-60-8	
Terphenyl-d14 (S)	84	%	36-120		4	12/11/24 07:56	12/11/24 13:45	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	34.6	mg/kg	0.45	0.27	20	12/11/24 10:15	12/11/24 18:25	71-43-2	
Ethylbenzene	20.8	mg/kg	1.1	0.27	20	12/11/24 10:15	12/11/24 18:25	100-41-4	
Methyl-tert-butyl ether	<0.33	mg/kg	1.1	0.33	20	12/11/24 10:15	12/11/24 18:25	1634-04-4	
Toluene	1.0J	mg/kg	1.1	0.28	20	12/11/24 10:15	12/11/24 18:25	108-88-3	
1,2,4-Trimethylbenzene	37.2	mg/kg	1.1	0.33	20	12/11/24 10:15	12/11/24 18:25	95-63-6	
1,3,5-Trimethylbenzene	16.5	mg/kg	1.1	0.36	20	12/11/24 10:15	12/11/24 18:25	108-67-8	
Xylene (Total)	70.4	mg/kg	3.4	0.81	20	12/11/24 10:15	12/11/24 18:25	1330-20-7	
m&p-Xylene	69.4	mg/kg	2.2	0.47	20	12/11/24 10:15	12/11/24 18:25	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX004 Lab ID: 40288544004 Collected: 12/09/24 09:08 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>0.99J</b>	mg/kg	1.1	0.34	20	12/11/24 10:15	12/11/24 18:25	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	126	%	70-172		20	12/11/24 10:15	12/11/24 18:25	2037-26-5	S4
4-Bromofluorobenzene (S)	140	%	58-188		20	12/11/24 10:15	12/11/24 18:25	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	168	%	56-189		20	12/11/24 10:15	12/11/24 18:25	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>5.6</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX005 Lab ID: 40288544005 Collected: 12/09/24 11:20 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	23400	mg/kg	3680	1560	40	12/11/24 08:46	12/12/24 11:06		B
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		40	12/11/24 08:46	12/12/24 11:06	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	1410	mg/kg	300	163	25	12/11/24 09:30	12/11/24 19:24		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	191	%	77-185		25	12/11/24 09:30	12/11/24 19:24	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.99J	mg/kg	3.7	0.48	4	12/11/24 07:56	12/11/24 14:00	83-32-9	
Acenaphthylene	<0.46	mg/kg	3.7	0.46	4	12/11/24 07:56	12/11/24 14:00	208-96-8	
Anthracene	0.86J	mg/kg	3.7	0.46	4	12/11/24 07:56	12/11/24 14:00	120-12-7	
Benzo(a)anthracene	1.4J	mg/kg	3.7	0.48	4	12/11/24 07:56	12/11/24 14:00	56-55-3	
Benzo(a)pyrene	0.97J	mg/kg	3.7	0.42	4	12/11/24 07:56	12/11/24 14:00	50-32-8	
Benzo(b)fluoranthene	1.4J	mg/kg	3.7	0.51	4	12/11/24 07:56	12/11/24 14:00	205-99-2	
Benzo(g,h,i)perylene	0.96J	mg/kg	3.7	0.64	4	12/11/24 07:56	12/11/24 14:00	191-24-2	
Benzo(k)fluoranthene	<0.47	mg/kg	3.7	0.47	4	12/11/24 07:56	12/11/24 14:00	207-08-9	
Chrysene	1.5J	mg/kg	3.7	0.69	4	12/11/24 07:56	12/11/24 14:00	218-01-9	
Dibenz(a,h)anthracene	<0.51	mg/kg	3.7	0.51	4	12/11/24 07:56	12/11/24 14:00	53-70-3	
Fluoranthene	2.9J	mg/kg	3.7	0.43	4	12/11/24 07:56	12/11/24 14:00	206-44-0	
Fluorene	1.5J	mg/kg	3.7	0.44	4	12/11/24 07:56	12/11/24 14:00	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.77	mg/kg	3.7	0.77	4	12/11/24 07:56	12/11/24 14:00	193-39-5	
1-Methylnaphthalene	6.6	mg/kg	3.7	0.54	4	12/11/24 07:56	12/11/24 14:00	90-12-0	
2-Methylnaphthalene	10.4	mg/kg	3.7	0.54	4	12/11/24 07:56	12/11/24 14:00	91-57-6	
Naphthalene	4.5	mg/kg	3.7	0.36	4	12/11/24 07:56	12/11/24 14:00	91-20-3	D3
Phenanthrene	6.0	mg/kg	3.7	0.42	4	12/11/24 07:56	12/11/24 14:00	85-01-8	
Pyrene	3.0J	mg/kg	3.7	0.54	4	12/11/24 07:56	12/11/24 14:00	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	85	%	36-120		4	12/11/24 07:56	12/11/24 14:00	321-60-8	
Terphenyl-d14 (S)	91	%	36-120		4	12/11/24 07:56	12/11/24 14:00	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	34.1	mg/kg	0.48	0.29	20	12/11/24 10:15	12/11/24 18:44	71-43-2	
Ethylbenzene	23.8	mg/kg	1.2	0.29	20	12/11/24 10:15	12/11/24 18:44	100-41-4	
Methyl-tert-butyl ether	<0.35	mg/kg	1.2	0.35	20	12/11/24 10:15	12/11/24 18:44	1634-04-4	
Toluene	9.1	mg/kg	1.2	0.30	20	12/11/24 10:15	12/11/24 18:44	108-88-3	
1,2,4-Trimethylbenzene	37.1	mg/kg	1.2	0.36	20	12/11/24 10:15	12/11/24 18:44	95-63-6	
1,3,5-Trimethylbenzene	20.4	mg/kg	1.2	0.39	20	12/11/24 10:15	12/11/24 18:44	108-67-8	
Xylene (Total)	78.2	mg/kg	3.6	0.87	20	12/11/24 10:15	12/11/24 18:44	1330-20-7	
m&p-Xylene	70.3	mg/kg	2.4	0.51	20	12/11/24 10:15	12/11/24 18:44	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX005 Lab ID: 40288544005 Collected: 12/09/24 11:20 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>7.9</b>	mg/kg	1.2	0.36	20	12/11/24 10:15	12/11/24 18:44	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	119	%	70-172		20	12/11/24 10:15	12/11/24 18:44	2037-26-5	D3,S4
4-Bromofluorobenzene (S)	111	%	58-188		20	12/11/24 10:15	12/11/24 18:44	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	155	%	56-189		20	12/11/24 10:15	12/11/24 18:44	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>9.1</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX006 Lab ID: 40288544006 Collected: 12/09/24 11:40 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	16500	mg/kg	838	356	10	12/11/24 08:46	12/12/24 09:22		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		10	12/11/24 08:46	12/12/24 09:22	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	4070	mg/kg	492	267	40	12/11/24 09:35	12/11/24 20:57		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	158	%	77-185		40	12/11/24 09:35	12/11/24 20:57	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.58J	mg/kg	3.7	0.48	4	12/11/24 07:56	12/11/24 14:15	83-32-9	
Acenaphthylene	<0.47	mg/kg	3.7	0.47	4	12/11/24 07:56	12/11/24 14:15	208-96-8	
Anthracene	<0.46	mg/kg	3.7	0.46	4	12/11/24 07:56	12/11/24 14:15	120-12-7	
Benzo(a)anthracene	<0.48	mg/kg	3.7	0.48	4	12/11/24 07:56	12/11/24 14:15	56-55-3	
Benzo(a)pyrene	<0.42	mg/kg	3.7	0.42	4	12/11/24 07:56	12/11/24 14:15	50-32-8	
Benzo(b)fluoranthene	<0.52	mg/kg	3.7	0.52	4	12/11/24 07:56	12/11/24 14:15	205-99-2	
Benzo(g,h,i)perylene	<0.65	mg/kg	3.7	0.65	4	12/11/24 07:56	12/11/24 14:15	191-24-2	
Benzo(k)fluoranthene	<0.48	mg/kg	3.7	0.48	4	12/11/24 07:56	12/11/24 14:15	207-08-9	
Chrysene	<0.70	mg/kg	3.7	0.70	4	12/11/24 07:56	12/11/24 14:15	218-01-9	
Dibenz(a,h)anthracene	<0.52	mg/kg	3.7	0.52	4	12/11/24 07:56	12/11/24 14:15	53-70-3	
Fluoranthene	0.81J	mg/kg	3.7	0.44	4	12/11/24 07:56	12/11/24 14:15	206-44-0	
Fluorene	0.90J	mg/kg	3.7	0.45	4	12/11/24 07:56	12/11/24 14:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.78	mg/kg	3.7	0.78	4	12/11/24 07:56	12/11/24 14:15	193-39-5	
1-Methylnaphthalene	4.3	mg/kg	3.7	0.54	4	12/11/24 07:56	12/11/24 14:15	90-12-0	
2-Methylnaphthalene	6.6	mg/kg	3.7	0.54	4	12/11/24 07:56	12/11/24 14:15	91-57-6	
Naphthalene	2.9J	mg/kg	3.7	0.36	4	12/11/24 07:56	12/11/24 14:15	91-20-3	D3
Phenanthrene	3.2J	mg/kg	3.7	0.43	4	12/11/24 07:56	12/11/24 14:15	85-01-8	
Pyrene	1.2J	mg/kg	3.7	0.55	4	12/11/24 07:56	12/11/24 14:15	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	87	%	36-120		4	12/11/24 07:56	12/11/24 14:15	321-60-8	
Terphenyl-d14 (S)	86	%	36-120		4	12/11/24 07:56	12/11/24 14:15	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	40.1	mg/kg	0.49	0.29	20	12/11/24 10:15	12/11/24 19:04	71-43-2	
Ethylbenzene	18.8	mg/kg	1.2	0.29	20	12/11/24 10:15	12/11/24 19:04	100-41-4	
Methyl-tert-butyl ether	<0.36	mg/kg	1.2	0.36	20	12/11/24 10:15	12/11/24 19:04	1634-04-4	
Toluene	2.7	mg/kg	1.2	0.31	20	12/11/24 10:15	12/11/24 19:04	108-88-3	
1,2,4-Trimethylbenzene	26.6	mg/kg	1.2	0.37	20	12/11/24 10:15	12/11/24 19:04	95-63-6	
1,3,5-Trimethylbenzene	13.0	mg/kg	1.2	0.40	20	12/11/24 10:15	12/11/24 19:04	108-67-8	
Xylene (Total)	79.2	mg/kg	3.7	0.89	20	12/11/24 10:15	12/11/24 19:04	1330-20-7	
m&p-Xylene	76.1	mg/kg	2.5	0.52	20	12/11/24 10:15	12/11/24 19:04	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX006 Lab ID: 40288544006 Collected: 12/09/24 11:40 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>3.1</b>	mg/kg	1.2	0.37	20	12/11/24 10:15	12/11/24 19:04	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	127	%	70-172		20	12/11/24 10:15	12/11/24 19:04	2037-26-5	D3,S4
4-Bromofluorobenzene (S)	108	%	58-188		20	12/11/24 10:15	12/11/24 19:04	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	167	%	56-189		20	12/11/24 10:15	12/11/24 19:04	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>10.3</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX007 Lab ID: 40288544007 Collected: 12/09/24 12:15 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	15100	mg/kg	1720	733	20	12/11/24 08:46	12/12/24 11:14		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		20	12/11/24 08:46	12/12/24 11:14	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	4330	mg/kg	647	351	50	12/11/24 09:35	12/12/24 10:03		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	177	%	77-185		50	12/11/24 09:35	12/12/24 10:03	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.52J	mg/kg	3.8	0.50	4	12/11/24 07:56	12/11/24 14:31	83-32-9	
Acenaphthylene	<0.48	mg/kg	3.8	0.48	4	12/11/24 07:56	12/11/24 14:31	208-96-8	
Anthracene	<0.48	mg/kg	3.8	0.48	4	12/11/24 07:56	12/11/24 14:31	120-12-7	
Benzo(a)anthracene	<0.50	mg/kg	3.8	0.50	4	12/11/24 07:56	12/11/24 14:31	56-55-3	
Benzo(a)pyrene	<0.44	mg/kg	3.8	0.44	4	12/11/24 07:56	12/11/24 14:31	50-32-8	
Benzo(b)fluoranthene	<0.53	mg/kg	3.8	0.53	4	12/11/24 07:56	12/11/24 14:31	205-99-2	
Benzo(g,h,i)perylene	<0.67	mg/kg	3.8	0.67	4	12/11/24 07:56	12/11/24 14:31	191-24-2	
Benzo(k)fluoranthene	<0.49	mg/kg	3.8	0.49	4	12/11/24 07:56	12/11/24 14:31	207-08-9	
Chrysene	<0.72	mg/kg	3.8	0.72	4	12/11/24 07:56	12/11/24 14:31	218-01-9	
Dibenz(a,h)anthracene	<0.53	mg/kg	3.8	0.53	4	12/11/24 07:56	12/11/24 14:31	53-70-3	
Fluoranthene	0.55J	mg/kg	3.8	0.45	4	12/11/24 07:56	12/11/24 14:31	206-44-0	
Fluorene	1.1J	mg/kg	3.8	0.46	4	12/11/24 07:56	12/11/24 14:31	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.80	mg/kg	3.8	0.80	4	12/11/24 07:56	12/11/24 14:31	193-39-5	
1-Methylnaphthalene	5.9	mg/kg	3.8	0.56	4	12/11/24 07:56	12/11/24 14:31	90-12-0	
2-Methylnaphthalene	9.0	mg/kg	3.8	0.56	4	12/11/24 07:56	12/11/24 14:31	91-57-6	
Naphthalene	4.1	mg/kg	3.8	0.37	4	12/11/24 07:56	12/11/24 14:31	91-20-3	D3
Phenanthrene	2.8J	mg/kg	3.8	0.44	4	12/11/24 07:56	12/11/24 14:31	85-01-8	
Pyrene	0.68J	mg/kg	3.8	0.56	4	12/11/24 07:56	12/11/24 14:31	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	36-120		4	12/11/24 07:56	12/11/24 14:31	321-60-8	
Terphenyl-d14 (S)	68	%	36-120		4	12/11/24 07:56	12/11/24 14:31	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	76.5	mg/kg	0.65	0.39	25	12/11/24 10:15	12/11/24 18:05	71-43-2	
Ethylbenzene	36.5	mg/kg	1.6	0.39	25	12/11/24 10:15	12/11/24 18:05	100-41-4	
Methyl-tert-butyl ether	<0.48	mg/kg	1.6	0.48	25	12/11/24 10:15	12/11/24 18:05	1634-04-4	
Toluene	0.62J	mg/kg	1.6	0.41	25	12/11/24 10:15	12/11/24 18:05	108-88-3	
1,2,4-Trimethylbenzene	11.2	mg/kg	1.6	0.48	25	12/11/24 10:15	12/11/24 18:05	95-63-6	
1,3,5-Trimethylbenzene	2.6	mg/kg	1.6	0.52	25	12/11/24 10:15	12/11/24 18:05	108-67-8	
Xylene (Total)	12.8	mg/kg	4.9	1.2	25	12/11/24 10:15	12/11/24 18:05	1330-20-7	
m&p-Xylene	11.3	mg/kg	3.2	0.68	25	12/11/24 10:15	12/11/24 18:05	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX007 Lab ID: 40288544007 Collected: 12/09/24 12:15 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
o-Xylene	<b>1.5J</b>	mg/kg	1.6	0.49	25	12/11/24 10:15	12/11/24 18:05	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	148	%	70-172		25	12/11/24 10:15	12/11/24 18:05	2037-26-5	S4
4-Bromofluorobenzene (S)	107	%	58-188		25	12/11/24 10:15	12/11/24 18:05	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	170	%	56-189		25	12/11/24 10:15	12/11/24 18:05	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>12.8</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX008 Lab ID: 40288544008 Collected: 12/09/24 12:30 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	21300	mg/kg	1690	719	20	12/11/24 08:46	12/12/24 11:22		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		20	12/11/24 08:46	12/12/24 11:22	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	4500	mg/kg	500	271	40	12/11/24 09:35	12/11/24 21:23		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	153	%	77-185		40	12/11/24 09:35	12/11/24 21:23	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.53J	mg/kg	3.4	0.44	4	12/11/24 07:56	12/11/24 14:46	83-32-9	
Acenaphthylene	<0.43	mg/kg	3.4	0.43	4	12/11/24 07:56	12/11/24 14:46	208-96-8	
Anthracene	<0.42	mg/kg	3.4	0.42	4	12/11/24 07:56	12/11/24 14:46	120-12-7	
Benzo(a)anthracene	<0.44	mg/kg	3.4	0.44	4	12/11/24 07:56	12/11/24 14:46	56-55-3	
Benzo(a)pyrene	<0.38	mg/kg	3.4	0.38	4	12/11/24 07:56	12/11/24 14:46	50-32-8	
Benzo(b)fluoranthene	<0.47	mg/kg	3.4	0.47	4	12/11/24 07:56	12/11/24 14:46	205-99-2	
Benzo(g,h,i)perylene	<0.59	mg/kg	3.4	0.59	4	12/11/24 07:56	12/11/24 14:46	191-24-2	
Benzo(k)fluoranthene	<0.43	mg/kg	3.4	0.43	4	12/11/24 07:56	12/11/24 14:46	207-08-9	
Chrysene	0.66J	mg/kg	3.4	0.64	4	12/11/24 07:56	12/11/24 14:46	218-01-9	
Dibenz(a,h)anthracene	<0.47	mg/kg	3.4	0.47	4	12/11/24 07:56	12/11/24 14:46	53-70-3	
Fluoranthene	0.48J	mg/kg	3.4	0.40	4	12/11/24 07:56	12/11/24 14:46	206-44-0	
Fluorene	0.80J	mg/kg	3.4	0.41	4	12/11/24 07:56	12/11/24 14:46	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.71	mg/kg	3.4	0.71	4	12/11/24 07:56	12/11/24 14:46	193-39-5	
1-Methylnaphthalene	3.9	mg/kg	3.4	0.49	4	12/11/24 07:56	12/11/24 14:46	90-12-0	
2-Methylnaphthalene	6.1	mg/kg	3.4	0.50	4	12/11/24 07:56	12/11/24 14:46	91-57-6	
Naphthalene	2.7J	mg/kg	3.4	0.33	4	12/11/24 07:56	12/11/24 14:46	91-20-3	D3
Phenanthrene	3.0J	mg/kg	3.4	0.39	4	12/11/24 07:56	12/11/24 14:46	85-01-8	
Pyrene	1.1J	mg/kg	3.4	0.50	4	12/11/24 07:56	12/11/24 14:46	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	83	%	36-120		4	12/11/24 07:56	12/11/24 14:46	321-60-8	
Terphenyl-d14 (S)	82	%	36-120		4	12/11/24 07:56	12/11/24 14:46	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	63.6	mg/kg	0.31	0.19	12.5	12/11/24 10:15	12/11/24 20:02	71-43-2	
Ethylbenzene	22.1	mg/kg	0.78	0.19	12.5	12/11/24 10:15	12/11/24 20:02	100-41-4	
Methyl-tert-butyl ether	<0.23	mg/kg	0.78	0.23	12.5	12/11/24 10:15	12/11/24 20:02	1634-04-4	
Toluene	63.4	mg/kg	0.78	0.20	12.5	12/11/24 10:15	12/11/24 20:02	108-88-3	
1,2,4-Trimethylbenzene	31.0	mg/kg	0.78	0.23	12.5	12/11/24 10:15	12/11/24 20:02	95-63-6	
1,3,5-Trimethylbenzene	15.5	mg/kg	0.78	0.25	12.5	12/11/24 10:15	12/11/24 20:02	108-67-8	
Xylene (Total)	108	mg/kg	2.3	0.56	12.5	12/11/24 10:15	12/11/24 20:02	1330-20-7	
m&p-Xylene	87.3	mg/kg	1.6	0.33	12.5	12/11/24 10:15	12/11/24 20:02	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX008 Lab ID: 40288544008 Collected: 12/09/24 12:30 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>20.5</b>	mg/kg	0.78	0.23	12.5	12/11/24 10:15	12/11/24 20:02	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	138	%	70-172		12.5	12/11/24 10:15	12/11/24 20:02	2037-26-5	S4
4-Bromofluorobenzene (S)	116	%	58-188		12.5	12/11/24 10:15	12/11/24 20:02	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	163	%	56-189		12.5	12/11/24 10:15	12/11/24 20:02	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>11.1</b>	%	0.10	0.10	1		12/10/24 17:11		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX009 Lab ID: 40288544009 Collected: 12/09/24 12:50 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	11700	mg/kg	1480	628	20	12/11/24 08:46	12/12/24 11:30		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		20	12/11/24 08:46	12/12/24 11:30	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	2350	mg/kg	485	263	40	12/11/24 09:35	12/11/24 20:06		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	163	%	77-185		40	12/11/24 09:35	12/11/24 20:06	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.43	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:01	83-32-9	
Acenaphthylene	<0.42	mg/kg	3.3	0.42	4	12/11/24 07:56	12/11/24 15:01	208-96-8	
Anthracene	<0.41	mg/kg	3.3	0.41	4	12/11/24 07:56	12/11/24 15:01	120-12-7	
Benzo(a)anthracene	<0.43	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:01	56-55-3	
Benzo(a)pyrene	<0.38	mg/kg	3.3	0.38	4	12/11/24 07:56	12/11/24 15:01	50-32-8	
Benzo(b)fluoranthene	<0.46	mg/kg	3.3	0.46	4	12/11/24 07:56	12/11/24 15:01	205-99-2	
Benzo(g,h,i)perylene	<0.58	mg/kg	3.3	0.58	4	12/11/24 07:56	12/11/24 15:01	191-24-2	
Benzo(k)fluoranthene	<0.43	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:01	207-08-9	
Chrysene	<0.63	mg/kg	3.3	0.63	4	12/11/24 07:56	12/11/24 15:01	218-01-9	
Dibenz(a,h)anthracene	<0.46	mg/kg	3.3	0.46	4	12/11/24 07:56	12/11/24 15:01	53-70-3	
Fluoranthene	<0.39	mg/kg	3.3	0.39	4	12/11/24 07:56	12/11/24 15:01	206-44-0	
Fluorene	0.47J	mg/kg	3.3	0.40	4	12/11/24 07:56	12/11/24 15:01	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.69	mg/kg	3.3	0.69	4	12/11/24 07:56	12/11/24 15:01	193-39-5	
1-Methylnaphthalene	2.2J	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:01	90-12-0	
2-Methylnaphthalene	3.3	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:01	91-57-6	
Naphthalene	1.4J	mg/kg	3.3	0.32	4	12/11/24 07:56	12/11/24 15:01	91-20-3	D3
Phenanthrene	1.5J	mg/kg	3.3	0.38	4	12/11/24 07:56	12/11/24 15:01	85-01-8	
Pyrene	0.59J	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:01	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	36-120		4	12/11/24 07:56	12/11/24 15:01	321-60-8	
Terphenyl-d14 (S)	65	%	36-120		4	12/11/24 07:56	12/11/24 15:01	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	5.3	mg/kg	0.12	0.072	5	12/11/24 10:15	12/11/24 20:22	71-43-2	
Ethylbenzene	6.9	mg/kg	0.30	0.072	5	12/11/24 10:15	12/11/24 20:22	100-41-4	
Methyl-tert-butyl ether	<0.089	mg/kg	0.30	0.089	5	12/11/24 10:15	12/11/24 20:22	1634-04-4	
Toluene	9.4	mg/kg	0.30	0.076	5	12/11/24 10:15	12/11/24 20:22	108-88-3	
1,2,4-Trimethylbenzene	14.2	mg/kg	0.30	0.090	5	12/11/24 10:15	12/11/24 20:22	95-63-6	
1,3,5-Trimethylbenzene	6.7	mg/kg	0.30	0.098	5	12/11/24 10:15	12/11/24 20:22	108-67-8	
Xylene (Total)	35.5	mg/kg	0.91	0.22	5	12/11/24 10:15	12/11/24 20:22	1330-20-7	
m&p-Xylene	28.9	mg/kg	0.61	0.13	5	12/11/24 10:15	12/11/24 20:22	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX009 Lab ID: 40288544009 Collected: 12/09/24 12:50 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>6.5</b>	mg/kg	0.30	0.091	5	12/11/24 10:15	12/11/24 20:22	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	124	%	70-172		5	12/11/24 10:15	12/11/24 20:22	2037-26-5	
4-Bromofluorobenzene (S)	115	%	58-188		5	12/11/24 10:15	12/11/24 20:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	139	%	56-189		5	12/11/24 10:15	12/11/24 20:22	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>9.6</b>	%	0.10	0.10	1		12/10/24 17:12		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX010 Lab ID: 40288544010 Collected: 12/09/24 13:30 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	31600	mg/kg	3180	1350	40	12/11/24 08:46	12/12/24 11:38		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		40	12/11/24 08:46	12/12/24 11:38	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	8370	mg/kg	1110	604	100	12/11/24 09:35	12/11/24 19:15		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	240	%	77-185		100	12/11/24 09:35	12/11/24 19:15	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.78J	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 15:16	83-32-9	
Acenaphthylene	<0.40	mg/kg	3.2	0.40	4	12/11/24 07:56	12/11/24 15:16	208-96-8	
Anthracene	0.43J	mg/kg	3.2	0.39	4	12/11/24 07:56	12/11/24 15:16	120-12-7	
Benzo(a)anthracene	0.65J	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 15:16	56-55-3	
Benzo(a)pyrene	0.52J	mg/kg	3.2	0.36	4	12/11/24 07:56	12/11/24 15:16	50-32-8	
Benzo(b)fluoranthene	0.67J	mg/kg	3.2	0.44	4	12/11/24 07:56	12/11/24 15:16	205-99-2	
Benzo(g,h,i)perylene	0.62J	mg/kg	3.2	0.56	4	12/11/24 07:56	12/11/24 15:16	191-24-2	
Benzo(k)fluoranthene	<0.41	mg/kg	3.2	0.41	4	12/11/24 07:56	12/11/24 15:16	207-08-9	
Chrysene	1.9J	mg/kg	3.2	0.60	4	12/11/24 07:56	12/11/24 15:16	218-01-9	
Dibenz(a,h)anthracene	<0.44	mg/kg	3.2	0.44	4	12/11/24 07:56	12/11/24 15:16	53-70-3	
Fluoranthene	0.98J	mg/kg	3.2	0.38	4	12/11/24 07:56	12/11/24 15:16	206-44-0	
Fluorene	1.2J	mg/kg	3.2	0.38	4	12/11/24 07:56	12/11/24 15:16	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.66	mg/kg	3.2	0.66	4	12/11/24 07:56	12/11/24 15:16	193-39-5	
1-Methylnaphthalene	5.5	mg/kg	3.2	0.46	4	12/11/24 07:56	12/11/24 15:16	90-12-0	
2-Methylnaphthalene	8.7	mg/kg	3.2	0.46	4	12/11/24 07:56	12/11/24 15:16	91-57-6	
Naphthalene	3.9	mg/kg	3.2	0.31	4	12/11/24 07:56	12/11/24 15:16	91-20-3	D3
Phenanthrene	4.3	mg/kg	3.2	0.36	4	12/11/24 07:56	12/11/24 15:16	85-01-8	
Pyrene	1.6J	mg/kg	3.2	0.47	4	12/11/24 07:56	12/11/24 15:16	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	36-120		4	12/11/24 07:56	12/11/24 15:16	321-60-8	
Terphenyl-d14 (S)	68	%	36-120		4	12/11/24 07:56	12/11/24 15:16	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	109	mg/kg	1.8	1.1	80	12/11/24 10:15	12/11/24 17:26	71-43-2	
Ethylbenzene	38.8	mg/kg	4.4	1.1	80	12/11/24 10:15	12/11/24 17:26	100-41-4	
Methyl-tert-butyl ether	<1.3	mg/kg	4.4	1.3	80	12/11/24 10:15	12/11/24 17:26	1634-04-4	
Toluene	112	mg/kg	4.4	1.1	80	12/11/24 10:15	12/11/24 17:26	108-88-3	
1,2,4-Trimethylbenzene	55.1	mg/kg	4.4	1.3	80	12/11/24 10:15	12/11/24 17:26	95-63-6	
1,3,5-Trimethylbenzene	27.1	mg/kg	4.4	1.4	80	12/11/24 10:15	12/11/24 17:26	108-67-8	
Xylene (Total)	193	mg/kg	13.3	3.2	80	12/11/24 10:15	12/11/24 17:26	1330-20-7	
m&p-Xylene	164	mg/kg	8.9	1.9	80	12/11/24 10:15	12/11/24 17:26	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX010 Lab ID: 40288544010 Collected: 12/09/24 13:30 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>29.7</b>	mg/kg	4.4	1.3	80	12/11/24 10:15	12/11/24 17:26	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	134	%	70-172		80	12/11/24 10:15	12/11/24 17:26	2037-26-5	D3,S4
4-Bromofluorobenzene (S)	188	%	58-188		80	12/11/24 10:15	12/11/24 17:26	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	436	%	56-189		80	12/11/24 10:15	12/11/24 17:26	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>5.3</b>	%	0.10	0.10	1		12/10/24 17:12		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX011 Lab ID: 40288544011 Collected: 12/09/24 13:45 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	<b>31600</b>	mg/kg	2960	1260	40	12/11/24 08:46	12/12/24 11:45		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		40	12/11/24 08:46	12/12/24 11:45	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	<b>2590</b>	mg/kg	488	265	40	12/11/24 09:35	12/11/24 21:48		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	157	%	77-185		40	12/11/24 09:35	12/11/24 21:48	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<b>1.6J</b>	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:32	83-32-9	
Acenaphthylene	<b>0.84J</b>	mg/kg	3.3	0.42	4	12/11/24 07:56	12/11/24 15:32	208-96-8	
Anthracene	<b>0.62J</b>	mg/kg	3.3	0.41	4	12/11/24 07:56	12/11/24 15:32	120-12-7	
Benzo(a)anthracene	<b>0.78J</b>	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:32	56-55-3	
Benzo(a)pyrene	<b>0.57J</b>	mg/kg	3.3	0.38	4	12/11/24 07:56	12/11/24 15:32	50-32-8	
Benzo(b)fluoranthene	<b>0.89J</b>	mg/kg	3.3	0.46	4	12/11/24 07:56	12/11/24 15:32	205-99-2	
Benzo(g,h,i)perylene	<b>0.67J</b>	mg/kg	3.3	0.58	4	12/11/24 07:56	12/11/24 15:32	191-24-2	
Benzo(k)fluoranthene	<b>&lt;0.43</b>	mg/kg	3.3	0.43	4	12/11/24 07:56	12/11/24 15:32	207-08-9	
Chrysene	<b>1.1J</b>	mg/kg	3.3	0.63	4	12/11/24 07:56	12/11/24 15:32	218-01-9	
Dibenz(a,h)anthracene	<b>&lt;0.46</b>	mg/kg	3.3	0.46	4	12/11/24 07:56	12/11/24 15:32	53-70-3	
Fluoranthene	<b>1.8J</b>	mg/kg	3.3	0.39	4	12/11/24 07:56	12/11/24 15:32	206-44-0	
Fluorene	<b>3.6</b>	mg/kg	3.3	0.40	4	12/11/24 07:56	12/11/24 15:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>&lt;0.69</b>	mg/kg	3.3	0.69	4	12/11/24 07:56	12/11/24 15:32	193-39-5	
1-Methylnaphthalene	<b>17.6</b>	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:32	90-12-0	
2-Methylnaphthalene	<b>26.6</b>	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:32	91-57-6	
Naphthalene	<b>11.9</b>	mg/kg	3.3	0.32	4	12/11/24 07:56	12/11/24 15:32	91-20-3	
Phenanthrene	<b>8.8</b>	mg/kg	3.3	0.38	4	12/11/24 07:56	12/11/24 15:32	85-01-8	
Pyrene	<b>2.2J</b>	mg/kg	3.3	0.49	4	12/11/24 07:56	12/11/24 15:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	62	%	36-120		4	12/11/24 07:56	12/11/24 15:32	321-60-8	
Terphenyl-d14 (S)	74	%	36-120		4	12/11/24 07:56	12/11/24 15:32	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>17.4</b>	mg/kg	0.49	0.29	20	12/11/24 10:15	12/11/24 19:23	71-43-2	
Ethylbenzene	<b>7.8</b>	mg/kg	1.2	0.29	20	12/11/24 10:15	12/11/24 19:23	100-41-4	
Methyl-tert-butyl ether	<b>&lt;0.36</b>	mg/kg	1.2	0.36	20	12/11/24 10:15	12/11/24 19:23	1634-04-4	
Toluene	<b>1.3</b>	mg/kg	1.2	0.31	20	12/11/24 10:15	12/11/24 19:23	108-88-3	
1,2,4-Trimethylbenzene	<b>3.4</b>	mg/kg	1.2	0.36	20	12/11/24 10:15	12/11/24 19:23	95-63-6	
1,3,5-Trimethylbenzene	<b>3.1</b>	mg/kg	1.2	0.39	20	12/11/24 10:15	12/11/24 19:23	108-67-8	
Xylene (Total)	<b>16.8</b>	mg/kg	3.7	0.88	20	12/11/24 10:15	12/11/24 19:23	1330-20-7	
m&p-Xylene	<b>13.5</b>	mg/kg	2.4	0.52	20	12/11/24 10:15	12/11/24 19:23	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX011 Lab ID: 40288544011 Collected: 12/09/24 13:45 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>3.4</b>	mg/kg	1.2	0.37	20	12/11/24 10:15	12/11/24 19:23	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	118	%	70-172		20	12/11/24 10:15	12/11/24 19:23	2037-26-5	D3,S4
4-Bromofluorobenzene (S)	122	%	58-188		20	12/11/24 10:15	12/11/24 19:23	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	172	%	56-189		20	12/11/24 10:15	12/11/24 19:23	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>9.9</b>	%	0.10	0.10	1		12/10/24 17:12		

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX012 Lab ID: 40288544012 Collected: 12/09/24 14:00 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	23600	mg/kg	3340	1420	40	12/11/24 08:46	12/12/24 11:53		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		40	12/11/24 08:46	12/12/24 11:53	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	2960	mg/kg	614	333	50	12/11/24 09:35	12/12/24 09:37		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	159	%	77-185		50	12/11/24 09:35	12/12/24 09:37	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	1.3J	mg/kg	4.2	0.54	5	12/11/24 07:56	12/11/24 15:47	83-32-9	
Acenaphthylene	0.77J	mg/kg	4.2	0.53	5	12/11/24 07:56	12/11/24 15:47	208-96-8	
Anthracene	<0.52	mg/kg	4.2	0.52	5	12/11/24 07:56	12/11/24 15:47	120-12-7	
Benzo(a)anthracene	<0.54	mg/kg	4.2	0.54	5	12/11/24 07:56	12/11/24 15:47	56-55-3	
Benzo(a)pyrene	<0.48	mg/kg	4.2	0.48	5	12/11/24 07:56	12/11/24 15:47	50-32-8	
Benzo(b)fluoranthene	<0.58	mg/kg	4.2	0.58	5	12/11/24 07:56	12/11/24 15:47	205-99-2	
Benzo(g,h,i)perylene	<0.73	mg/kg	4.2	0.73	5	12/11/24 07:56	12/11/24 15:47	191-24-2	
Benzo(k)fluoranthene	<0.53	mg/kg	4.2	0.53	5	12/11/24 07:56	12/11/24 15:47	207-08-9	
Chrysene	<0.79	mg/kg	4.2	0.79	5	12/11/24 07:56	12/11/24 15:47	218-01-9	
Dibenz(a,h)anthracene	<0.58	mg/kg	4.2	0.58	5	12/11/24 07:56	12/11/24 15:47	53-70-3	
Fluoranthene	0.52J	mg/kg	4.2	0.50	5	12/11/24 07:56	12/11/24 15:47	206-44-0	
Fluorene	3.8J	mg/kg	4.2	0.50	5	12/11/24 07:56	12/11/24 15:47	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.87	mg/kg	4.2	0.87	5	12/11/24 07:56	12/11/24 15:47	193-39-5	
1-Methylnaphthalene	20.9	mg/kg	4.2	0.61	5	12/11/24 07:56	12/11/24 15:47	90-12-0	
2-Methylnaphthalene	30.5	mg/kg	4.2	0.61	5	12/11/24 07:56	12/11/24 15:47	91-57-6	
Naphthalene	13.0	mg/kg	4.2	0.41	5	12/11/24 07:56	12/11/24 15:47	91-20-3	
Phenanthrene	7.0	mg/kg	4.2	0.48	5	12/11/24 07:56	12/11/24 15:47	85-01-8	
Pyrene	0.73J	mg/kg	4.2	0.62	5	12/11/24 07:56	12/11/24 15:47	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	51	%	36-120		5	12/11/24 07:56	12/11/24 15:47	321-60-8	
Terphenyl-d14 (S)	55	%	36-120		5	12/11/24 07:56	12/11/24 15:47	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.58	mg/kg	0.98	0.58	40	12/11/24 10:15	12/11/24 17:46	71-43-2	
Ethylbenzene	1.2J	mg/kg	2.5	0.58	40	12/11/24 10:15	12/11/24 17:46	100-41-4	
Methyl-tert-butyl ether	<0.72	mg/kg	2.5	0.72	40	12/11/24 10:15	12/11/24 17:46	1634-04-4	
Toluene	<0.62	mg/kg	2.5	0.62	40	12/11/24 10:15	12/11/24 17:46	108-88-3	
1,2,4-Trimethylbenzene	<0.73	mg/kg	2.5	0.73	40	12/11/24 10:15	12/11/24 17:46	95-63-6	
1,3,5-Trimethylbenzene	<0.79	mg/kg	2.5	0.79	40	12/11/24 10:15	12/11/24 17:46	108-67-8	
Xylene (Total)	<1.8	mg/kg	7.4	1.8	40	12/11/24 10:15	12/11/24 17:46	1330-20-7	
m&p-Xylene	<1.0	mg/kg	4.9	1.0	40	12/11/24 10:15	12/11/24 17:46	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX012 Lab ID: 40288544012 Collected: 12/09/24 14:00 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
<b>o-Xylene</b>	<b>&lt;0.74</b>	mg/kg	2.5	0.74	40	12/11/24 10:15	12/11/24 17:46	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	120	%	70-172		40	12/11/24 10:15	12/11/24 17:46	2037-26-5	D3,S4
4-Bromofluorobenzene (S)	99	%	58-188		40	12/11/24 10:15	12/11/24 17:46	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	222	%	56-189		40	12/11/24 10:15	12/11/24 17:46	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>10.2</b>	%	0.10	0.10	1		12/10/24 17:12		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX013 Lab ID: 40288544013 Collected: 12/09/24 14:10 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
TPH (C10-C40)	21500	mg/kg	3390	1440	40	12/11/24 08:46	12/12/24 12:01		B
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	10-135		40	12/11/24 08:46	12/12/24 12:01	84-15-1	S4
<b>Gasoline Range Organics</b>									
Analytical Method: EPA 8015D Modified Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Green Bay									
TPH (C06-C10)	4000	mg/kg	502	272	40	12/11/24 09:35	12/11/24 20:32		
<b>Surrogates</b>									
a,a,a-Trifluorotoluene (S)	168	%	77-185		40	12/11/24 09:35	12/11/24 20:32	98-08-8	S4
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	0.78J	mg/kg	3.4	0.44	4	12/11/24 07:56	12/11/24 16:02	83-32-9	
Acenaphthylene	<0.43	mg/kg	3.4	0.43	4	12/11/24 07:56	12/11/24 16:02	208-96-8	
Anthracene	<0.42	mg/kg	3.4	0.42	4	12/11/24 07:56	12/11/24 16:02	120-12-7	
Benzo(a)anthracene	0.52J	mg/kg	3.4	0.44	4	12/11/24 07:56	12/11/24 16:02	56-55-3	
Benzo(a)pyrene	<0.38	mg/kg	3.4	0.38	4	12/11/24 07:56	12/11/24 16:02	50-32-8	
Benzo(b)fluoranthene	0.51J	mg/kg	3.4	0.47	4	12/11/24 07:56	12/11/24 16:02	205-99-2	
Benzo(g,h,i)perylene	<0.59	mg/kg	3.4	0.59	4	12/11/24 07:56	12/11/24 16:02	191-24-2	
Benzo(k)fluoranthene	<0.43	mg/kg	3.4	0.43	4	12/11/24 07:56	12/11/24 16:02	207-08-9	
Chrysene	1.5J	mg/kg	3.4	0.64	4	12/11/24 07:56	12/11/24 16:02	218-01-9	
Dibenz(a,h)anthracene	<0.47	mg/kg	3.4	0.47	4	12/11/24 07:56	12/11/24 16:02	53-70-3	
Fluoranthene	0.83J	mg/kg	3.4	0.40	4	12/11/24 07:56	12/11/24 16:02	206-44-0	
Fluorene	1.2J	mg/kg	3.4	0.41	4	12/11/24 07:56	12/11/24 16:02	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.71	mg/kg	3.4	0.71	4	12/11/24 07:56	12/11/24 16:02	193-39-5	
1-Methylnaphthalene	5.9	mg/kg	3.4	0.49	4	12/11/24 07:56	12/11/24 16:02	90-12-0	
2-Methylnaphthalene	9.0	mg/kg	3.4	0.50	4	12/11/24 07:56	12/11/24 16:02	91-57-6	
Naphthalene	4.0	mg/kg	3.4	0.33	4	12/11/24 07:56	12/11/24 16:02	91-20-3	D3
Phenanthrene	3.9	mg/kg	3.4	0.39	4	12/11/24 07:56	12/11/24 16:02	85-01-8	
Pyrene	1.3J	mg/kg	3.4	0.50	4	12/11/24 07:56	12/11/24 16:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	82	%	36-120		4	12/11/24 07:56	12/11/24 16:02	321-60-8	
Terphenyl-d14 (S)	86	%	36-120		4	12/11/24 07:56	12/11/24 16:02	1718-51-0	
<b>8260 MSV 5035 Med Level</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	42.4	mg/kg	0.50	0.30	20	12/11/24 10:15	12/11/24 19:43	71-43-2	
Ethylbenzene	16.3	mg/kg	1.3	0.30	20	12/11/24 10:15	12/11/24 19:43	100-41-4	
Methyl-tert-butyl ether	<0.37	mg/kg	1.3	0.37	20	12/11/24 10:15	12/11/24 19:43	1634-04-4	
Toluene	61.3	mg/kg	1.3	0.32	20	12/11/24 10:15	12/11/24 19:43	108-88-3	
1,2,4-Trimethylbenzene	27.0	mg/kg	1.3	0.37	20	12/11/24 10:15	12/11/24 19:43	95-63-6	
1,3,5-Trimethylbenzene	12.8	mg/kg	1.3	0.40	20	12/11/24 10:15	12/11/24 19:43	108-67-8	
Xylene (Total)	91.4	mg/kg	3.8	0.91	20	12/11/24 10:15	12/11/24 19:43	1330-20-7	
m&p-Xylene	73.5	mg/kg	2.5	0.53	20	12/11/24 10:15	12/11/24 19:43	179601-23-1	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Sample: CSRSX013 Lab ID: 40288544013 Collected: 12/09/24 14:10 Received: 12/10/24 09:00 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035 Med Level</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
o-Xylene	17.9	mg/kg	1.3	0.38	20	12/11/24 10:15	12/11/24 19:43	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	132	%	70-172		20	12/11/24 10:15	12/11/24 19:43	2037-26-5	S4
4-Bromofluorobenzene (S)	120	%	58-188		20	12/11/24 10:15	12/11/24 19:43	460-00-4	S4
1,2-Dichlorobenzene-d4 (S)	147	%	56-189		20	12/11/24 10:15	12/11/24 19:43	2199-69-1	S4
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	11.3	%	0.10	0.10	1		12/10/24 17:12		

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492344	Analysis Method:	EPA 8015D Modified
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	Gasoline Range Organics
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005

METHOD BLANK: 2818337 Matrix: Solid  
 Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	<5.4	10.0	12/11/24 10:17	
a,a,a-Trifluorotoluene (S)	%	104	77-185	12/11/24 10:17	

LABORATORY CONTROL SAMPLE & LCSD: 2818338 2818339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH (C06-C10)	mg/kg	50	40.8	42.7	82	85	80-126	5	20	
a,a,a-Trifluorotoluene (S)	%				97	99	77-185			

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492350	Analysis Method:	EPA 8015D Modified
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	Gasoline Range Organics
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013		

METHOD BLANK:	2818354	Matrix:	Solid
Associated Lab Samples:	40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C10)	mg/kg	<5.4	10.0	12/11/24 11:08	
a,a,a-Trifluorotoluene (S)	%	106	77-185	12/11/24 11:08	

LABORATORY CONTROL SAMPLE & LCSD:		2818355	2818356									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
TPH (C06-C10)	mg/kg	50	51.1	48.5	102	97	80-126	5	20			
a,a,a-Trifluorotoluene (S)	%				109	111	77-185					

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2818357	2818358									
Parameter	Units	40288469004	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		TPH (C06-C10)	mg/kg	<5.9	52.1	52.1	50.3	58.1	96	111	68-150	14
a,a,a-Trifluorotoluene (S)	%						103	107	77-185			

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492497	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030	Analysis Description:	8260 MSV Low
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288544001, 40288544002

METHOD BLANK: 2819337 Matrix: Solid

Associated Lab Samples: 40288544001, 40288544002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.0028	0.0050	12/11/24 10:53	
1,3,5-Trimethylbenzene	mg/kg	<0.0031	0.0050	12/11/24 10:53	
Benzene	mg/kg	<0.00071	0.0050	12/11/24 10:53	
Ethylbenzene	mg/kg	<0.00089	0.0050	12/11/24 10:53	
m&p-Xylene	mg/kg	<0.0024	0.0050	12/11/24 10:53	
Methyl-tert-butyl ether	mg/kg	<0.0020	0.0050	12/11/24 10:53	
o-Xylene	mg/kg	<0.0011	0.0050	12/11/24 10:53	
Toluene	mg/kg	<0.00088	0.0050	12/11/24 10:53	
Xylene (Total)	mg/kg	<0.0034	0.010	12/11/24 10:53	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	12/11/24 10:53	
4-Bromofluorobenzene (S)	%	97	69-158	12/11/24 10:53	
Toluene-d8 (S)	%	93	70-146	12/11/24 10:53	

LABORATORY CONTROL SAMPLE & LCSD: 2819338 2819339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	0.05	0.047	0.044	94	87	70-130	8	20	
Ethylbenzene	mg/kg	0.05	0.049	0.045	98	89	70-130	9	20	
m&p-Xylene	mg/kg	0.1	0.10	0.094	101	94	70-130	7	20	
Methyl-tert-butyl ether	mg/kg	0.05	0.044	0.042	89	84	61-130	6	20	
o-Xylene	mg/kg	0.05	0.051	0.047	102	94	70-130	8	20	
Toluene	mg/kg	0.05	0.047	0.044	94	88	70-130	8	20	
Xylene (Total)	mg/kg	0.15	0.15	0.14	101	94	70-130	7	20	
1,2-Dichlorobenzene-d4 (S)	%				99	99	70-130			
4-Bromofluorobenzene (S)	%				98	97	69-158			
Toluene-d8 (S)	%				94	94	70-146			

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492388	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV 5035 Med Prep
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013		

METHOD BLANK: 2818537 Matrix: Solid  
 Associated Lab Samples: 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	12/11/24 11:09	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	12/11/24 11:09	
Benzene	mg/kg	<0.012	0.020	12/11/24 11:09	
Ethylbenzene	mg/kg	<0.012	0.050	12/11/24 11:09	
m&p-Xylene	mg/kg	<0.021	0.10	12/11/24 11:09	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	12/11/24 11:09	
o-Xylene	mg/kg	<0.015	0.050	12/11/24 11:09	
Toluene	mg/kg	<0.013	0.050	12/11/24 11:09	
Xylene (Total)	mg/kg	<0.036	0.15	12/11/24 11:09	
1,2-Dichlorobenzene-d4 (S)	%	107	56-189	12/11/24 11:09	
4-Bromofluorobenzene (S)	%	94	58-188	12/11/24 11:09	
Toluene-d8 (S)	%	104	70-172	12/11/24 11:09	

LABORATORY CONTROL SAMPLE: 2818538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	2.5	2.5	100	70-130	
Ethylbenzene	mg/kg	2.5	2.5	100	70-130	
m&p-Xylene	mg/kg	5	4.9	99	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.1	84	70-130	
o-Xylene	mg/kg	2.5	2.5	102	70-130	
Toluene	mg/kg	2.5	2.5	101	70-130	
Xylene (Total)	mg/kg	7.5	7.5	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	56-189	
4-Bromofluorobenzene (S)	%			101	58-188	
Toluene-d8 (S)	%			102	70-172	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492311	Analysis Method:	EPA 8015C Modified
QC Batch Method:	EPA 3546	Analysis Description:	8015C Solid GCSV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40288544001, 40288544002, 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013		

METHOD BLANK: 2818154 Matrix: Solid  
 Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C10-C40)	mg/kg	1.1J	1.7	12/12/24 07:13	
o-Terphenyl (S)	%	63	10-135	12/12/24 07:13	

LABORATORY CONTROL SAMPLE: 2818155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C10-C40)	mg/kg	16.7	13.1	79	56-120	
o-Terphenyl (S)	%			92	10-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2818156 2818157

Parameter	Units	2818156		2818157		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
TPH (C10-C40)	mg/kg	2.6	19.2	14.4	15.2	61	65	10-136	5	50	
o-Terphenyl (S)	%					81	84	10-135			

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

QC Batch:	492310	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270E/3546 MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013

METHOD BLANK: 2818150 Matrix: Solid  
 Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	<0.0024	0.017	12/11/24 10:12	
2-Methylnaphthalene	mg/kg	<0.0024	0.017	12/11/24 10:12	
Acenaphthene	mg/kg	<0.0022	0.017	12/11/24 10:12	
Acenaphthylene	mg/kg	<0.0021	0.017	12/11/24 10:12	
Anthracene	mg/kg	<0.0021	0.017	12/11/24 10:12	
Benzo(a)anthracene	mg/kg	<0.0022	0.017	12/11/24 10:12	
Benzo(a)pyrene	mg/kg	<0.0019	0.017	12/11/24 10:12	
Benzo(b)fluoranthene	mg/kg	<0.0023	0.017	12/11/24 10:12	
Benzo(g,h,i)perylene	mg/kg	<0.0029	0.017	12/11/24 10:12	
Benzo(k)fluoranthene	mg/kg	<0.0021	0.017	12/11/24 10:12	
Chrysene	mg/kg	<0.0032	0.017	12/11/24 10:12	
Dibenz(a,h)anthracene	mg/kg	<0.0023	0.017	12/11/24 10:12	
Fluoranthene	mg/kg	<0.0020	0.017	12/11/24 10:12	
Fluorene	mg/kg	<0.0020	0.017	12/11/24 10:12	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0035	0.017	12/11/24 10:12	
Naphthalene	mg/kg	<0.0016	0.017	12/11/24 10:12	
Phenanthrene	mg/kg	<0.0019	0.017	12/11/24 10:12	
Pyrene	mg/kg	<0.0025	0.017	12/11/24 10:12	
2-Fluorobiphenyl (S)	%	82	36-120	12/11/24 10:12	
Terphenyl-d14 (S)	%	104	36-120	12/11/24 10:12	

LABORATORY CONTROL SAMPLE: 2818151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.33	0.23	69	51-120	
2-Methylnaphthalene	mg/kg	0.33	0.23	68	51-120	
Acenaphthene	mg/kg	0.33	0.24	71	56-120	
Acenaphthylene	mg/kg	0.33	0.24	72	56-120	
Anthracene	mg/kg	0.33	0.25	75	61-120	
Benzo(a)anthracene	mg/kg	0.33	0.22	65	54-120	
Benzo(a)pyrene	mg/kg	0.33	0.22	67	63-120	
Benzo(b)fluoranthene	mg/kg	0.33	0.25	76	60-120	
Benzo(g,h,i)perylene	mg/kg	0.33	0.25	73	68-125	
Benzo(k)fluoranthene	mg/kg	0.33	0.27	82	62-120	
Chrysene	mg/kg	0.33	0.27	80	60-120	
Dibenz(a,h)anthracene	mg/kg	0.33	0.24	72	62-120	
Fluoranthene	mg/kg	0.33	0.26	77	62-120	

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

**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

LABORATORY CONTROL SAMPLE: 2818151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	mg/kg	0.33	0.25	75	59-120	
Indeno(1,2,3-cd)pyrene	mg/kg	0.33	0.24	72	63-120	
Naphthalene	mg/kg	0.33	0.22	65	48-120	
Phenanthrene	mg/kg	0.33	0.24	71	57-120	
Pyrene	mg/kg	0.33	0.25	76	57-120	
2-Fluorobiphenyl (S)	%			69	36-120	
Terphenyl-d14 (S)	%			78	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2818152 2818153

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288422002 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	mg/kg	115 ug/kg	0.38	0.38	0.37	0.36	65	62	23-120	3	30
2-Methylnaphthalene	mg/kg	51.5 ug/kg	0.38	0.38	0.30	0.30	66	65	24-120	1	31
Acenaphthene	mg/kg	<2.5 ug/kg	0.38	0.38	0.27	0.28	69	72	38-120	4	37
Acenaphthylene	mg/kg	<2.4 ug/kg	0.38	0.38	0.28	0.29	72	75	41-120	4	31
Anthracene	mg/kg	<2.4 ug/kg	0.38	0.38	0.28	0.29	73	75	44-120	3	31
Benzo(a)anthracene	mg/kg	0.0046J	0.38	0.38	0.26	0.26	65	67	32-120	4	34
Benzo(a)pyrene	mg/kg	0.0031J	0.38	0.38	0.27	0.32	68	82	37-120	18	34
Benzo(b)fluoranthene	mg/kg	0.0054J	0.38	0.38	0.28	0.30	73	75	37-120	4	46
Benzo(g,h,i)perylene	mg/kg	3.8J ug/kg	0.38	0.38	0.28	0.30	73	78	33-125	7	35
Benzo(k)fluoranthene	mg/kg	0.0026J	0.38	0.38	0.29	0.30	74	76	41-120	3	36
Chrysene	mg/kg	0.0056J	0.38	0.38	0.29	0.29	74	74	38-120	1	35
Dibenz(a,h)anthracene	mg/kg	<0.0027	0.38	0.38	0.29	0.30	75	78	34-120	4	33
Fluoranthene	mg/kg	11.3J ug/kg	0.38	0.38	0.30	0.31	76	77	37-120	1	48
Fluorene	mg/kg	<2.3 ug/kg	0.38	0.38	0.28	0.30	74	76	36-120	4	35
Indeno(1,2,3-cd)pyrene	mg/kg	<0.0040	0.38	0.38	0.29	0.30	76	78	33-120	4	34
Naphthalene	mg/kg	0.25	0.38	0.38	0.49	0.48	62	59	27-120	2	39
Phenanthrene	mg/kg	8.2J ug/kg	0.38	0.38	0.28	0.29	71	73	33-120	3	50
Pyrene	mg/kg	10.5J ug/kg	0.38	0.38	0.28	0.29	71	72	34-120	1	45
2-Fluorobiphenyl (S)	%						66	64	36-120		
Terphenyl-d14 (S)	%						72	70	36-120		

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

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

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QC Batch:	492299	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288544001, 40288544002, 40288544003, 40288544004, 40288544005, 40288544006, 40288544007, 40288544008, 40288544009, 40288544010, 40288544011, 40288544012, 40288544013

---

SAMPLE DUPLICATE: 2818120

Parameter	Units	40288537002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.0	6.9	1	10	

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### QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

#### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

#### BATCH QUALIFIERS

Batch: 492345

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

Batch: 492385

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

Batch: 492499

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

#### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

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

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

### REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288544001	CSRSX001	EPA 3546	492311	EPA 8015C Modified	492385
40288544002	CSRSX002	EPA 3546	492311	EPA 8015C Modified	492385
40288544003	CSRSX003	EPA 3546	492311	EPA 8015C Modified	492385
40288544004	CSRSX004	EPA 3546	492311	EPA 8015C Modified	492385
40288544005	CSRSX005	EPA 3546	492311	EPA 8015C Modified	492385
40288544006	CSRSX006	EPA 3546	492311	EPA 8015C Modified	492385
40288544007	CSRSX007	EPA 3546	492311	EPA 8015C Modified	492385
40288544008	CSRSX008	EPA 3546	492311	EPA 8015C Modified	492385
40288544009	CSRSX009	EPA 3546	492311	EPA 8015C Modified	492385
40288544010	CSRSX010	EPA 3546	492311	EPA 8015C Modified	492385
40288544011	CSRSX011	EPA 3546	492311	EPA 8015C Modified	492385
40288544012	CSRSX012	EPA 3546	492311	EPA 8015C Modified	492385
40288544013	CSRSX013	EPA 3546	492311	EPA 8015C Modified	492385
40288544001	CSRSX001	EPA 5035A/5030B	492344	EPA 8015D Modified	492345
40288544002	CSRSX002	EPA 5035A/5030B	492344	EPA 8015D Modified	492345
40288544003	CSRSX003	EPA 5035A/5030B	492344	EPA 8015D Modified	492345
40288544004	CSRSX004	EPA 5035A/5030B	492344	EPA 8015D Modified	492345
40288544005	CSRSX005	EPA 5035A/5030B	492344	EPA 8015D Modified	492345
40288544006	CSRSX006	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544007	CSRSX007	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544008	CSRSX008	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544009	CSRSX009	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544010	CSRSX010	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544011	CSRSX011	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544012	CSRSX012	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544013	CSRSX013	EPA 5035A/5030B	492350	EPA 8015D Modified	492369
40288544001	CSRSX001	EPA 3546	492310	EPA 8270E by SIM	492353
40288544002	CSRSX002	EPA 3546	492310	EPA 8270E by SIM	492353
40288544003	CSRSX003	EPA 3546	492310	EPA 8270E by SIM	492353
40288544004	CSRSX004	EPA 3546	492310	EPA 8270E by SIM	492353
40288544005	CSRSX005	EPA 3546	492310	EPA 8270E by SIM	492353
40288544006	CSRSX006	EPA 3546	492310	EPA 8270E by SIM	492353
40288544007	CSRSX007	EPA 3546	492310	EPA 8270E by SIM	492353
40288544008	CSRSX008	EPA 3546	492310	EPA 8270E by SIM	492353
40288544009	CSRSX009	EPA 3546	492310	EPA 8270E by SIM	492353
40288544010	CSRSX010	EPA 3546	492310	EPA 8270E by SIM	492353
40288544011	CSRSX011	EPA 3546	492310	EPA 8270E by SIM	492353
40288544012	CSRSX012	EPA 3546	492310	EPA 8270E by SIM	492353
40288544013	CSRSX013	EPA 3546	492310	EPA 8270E by SIM	492353
40288544001	CSRSX001	EPA 5035/5030	492497	EPA 8260	492499
40288544002	CSRSX002	EPA 5035/5030	492497	EPA 8260	492499
40288544003	CSRSX003	EPA 5035/5030B	492388	EPA 8260	492391
40288544004	CSRSX004	EPA 5035/5030B	492388	EPA 8260	492391
40288544005	CSRSX005	EPA 5035/5030B	492388	EPA 8260	492391
40288544006	CSRSX006	EPA 5035/5030B	492388	EPA 8260	492391
40288544007	CSRSX007	EPA 5035/5030B	492388	EPA 8260	492391

REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288544

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288544008	CSRSX008	EPA 5035/5030B	492388	EPA 8260	492391
40288544009	CSRSX009	EPA 5035/5030B	492388	EPA 8260	492391
40288544010	CSRSX010	EPA 5035/5030B	492388	EPA 8260	492391
40288544011	CSRSX011	EPA 5035/5030B	492388	EPA 8260	492391
40288544012	CSRSX012	EPA 5035/5030B	492388	EPA 8260	492391
40288544013	CSRSX013	EPA 5035/5030B	492388	EPA 8260	492391
40288544001	CSRSX001	ASTM D2974-87	492299		
40288544002	CSRSX002	ASTM D2974-87	492299		
40288544003	CSRSX003	ASTM D2974-87	492299		
40288544004	CSRSX004	ASTM D2974-87	492299		
40288544005	CSRSX005	ASTM D2974-87	492299		
40288544006	CSRSX006	ASTM D2974-87	492299		
40288544007	CSRSX007	ASTM D2974-87	492299		
40288544008	CSRSX008	ASTM D2974-87	492299		
40288544009	CSRSX009	ASTM D2974-87	492299		
40288544010	CSRSX010	ASTM D2974-87	492299		
40288544011	CSRSX011	ASTM D2974-87	492299		
40288544012	CSRSX012	ASTM D2974-87	492299		
40288544013	CSRSX013	ASTM D2974-87	492299		

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**Pace**<sup>®</sup> Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 19  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40288544

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DalSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDalSanto@geiconsultants.com  
 Cc E-Mail:

Customer Project #: Cambridge Station Release  
 Project Name: Cambridge Station Release  
 Site Collection Info/Facility ID (as applicable):

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com  
 Purchase Order # (if applicable):  
 Quote #:

Specify Container Size \*\*

6	10								
---	----	--	--	--	--	--	--	--	--

Identify Container Preservative Type\*\*\*

11	1								
----	---	--	--	--	--	--	--	--	--

Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

\*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET  
 Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ ] Other

County / State origin of sample(s): Wisconsin  
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required):  
 [ ] Same Day [ ] 1 Day [ ] 2 Day [ X ] 3 Day [ ] Other  
 Date Results Requested: 12/13/24  
 Field Filtered (If applicable): [ ] Yes [ ] No  
 Analysis:

Proj. Mgr:  
**Christopher Hyska**  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template:  
**5978**  
 Prelog / Bottle Ord. ID:  
**EZ 3167069**

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		WI PVOCS 8260	PAHs 8270sim, Dry Weight	TPH - GRO	TPA - ER6	Other	Sample Comment
			Date	Time	Date	Time		Results	Units						
CSRSX001	SS	G	--	--	12/9/24	0835	8	--	--	X	X	X	X		001
CSRSX002						0842									002
CSRSX003						0855									003
CSRSX004						0908									004
CSRSX005						1120									005
CSRSX006						1140									006
CSRSX007						1215									007
CSRSX008						1230									008
CSRSX009						1250									009
CSRSX010						1330									010

Additional Instructions from Pace\*:

Collected By: Brad DalSanto  
 (Printed Name)  
 Signature: BPD

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: 2 Thermometer ID: 9 Correction Factor (°C): 0.5 Obs. Temp. (°C): 0.0 Corrected Temp. (°C): 0.0, 0.5, 0.5  
 On Ice: Y

Relinquished by/Company: (Signature) GEI  
 Date/Time: 12/19/24 1615  
 Relinquished by/Company: (Signature) CS Logistics  
 Date/Time: 12/10/24 0900

Relinquished by/Company: (Signature)  
 Date/Time:

Received by/Company: (Signature) Marisa Mallard  
 Date/Time: 12/10/24 0900  
 Received by/Company: (Signature) Kes Staub - Pace  
 Date/Time:

Received by/Company: (Signature) CRG  
 Date/Time:

Tracking Number:  
 Delivered by: [ ] In-Person [ ] Courier  
 [ ] FedEx [ ] UPS [ X ] Other  
 Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace<sup>®</sup> Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>





Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GEI

WO#: 40288544



Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walto  
 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 - 9 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0.0; 0.0 Corr: 0.5; 0.5

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

Person examining contents:  
 Date: 08/17/24 Initials: KYS  
 Labeled By Initials: mt

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Date/Time: _____
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>3 day TAT 12/13/24 KYS 12/10/24</u>
Sufficient Volume: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace	9.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>SS</u>	12.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

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

# Water - Onsite Monitoring Wells



November 19, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rele  
Pace Project No.: 40287667

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 16, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rele  
Pace Project No.: 40287667

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40287667001	MW-1	Water	11/15/24 15:00	11/16/24 09:35
40287667002	MW-2	Water	11/15/24 16:05	11/16/24 09:35
40287667003	MW-3	Water	11/15/24 13:00	11/16/24 09:35
40287667004	MW-4R	Water	11/15/24 14:00	11/16/24 09:35
40287667005	Trip Blank	Water	11/15/24 00:01	11/16/24 09:35

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40287667001	MW-1	EPA 8015C Modified	CAH	3	PASI-G
		EPA 8260	NB	9	PASI-G
40287667002	MW-2	EPA 8015C Modified	CAH	3	PASI-G
		EPA 8260	NB	9	PASI-G
40287667003	MW-3	EPA 8015C Modified	CAH	3	PASI-G
		EPA 8260	NB	9	PASI-G
40287667004	MW-4R	EPA 8015C Modified	CAH	3	PASI-G
		EPA 8260	NB	9	PASI-G
40287667005	Trip Blank	EPA 8260	NB	9	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rele  
Pace Project No.: 40287667

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40287667001</b> EPA 8015C Modified	<b>MW-1</b> TPH - Diesel (C10-C28)	0.030J	mg/L	0.090	11/19/24 09:38	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Sample: MW-1 Lab ID: 40287667001 Collected: 11/15/24 15:00 Received: 11/16/24 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:38		
TPH - Diesel (C10-C28)	0.030J	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:38		
<b>Surrogates</b>									
o-Terphenyl (S)	63	%	46-129		1	11/18/24 10:22	11/19/24 09:38	84-15-1	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/19/24 12:05	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/19/24 12:05	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/19/24 12:05	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/19/24 12:05	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/19/24 12:05	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/19/24 12:05	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/19/24 12:05	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/19/24 12:05	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/19/24 12:05	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Sample: MW-2 Lab ID: 40287667002 Collected: 11/15/24 16:05 Received: 11/16/24 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>		Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510 Pace Analytical Services - Green Bay							
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:46		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:46		
<b>Surrogates</b>									
o-Terphenyl (S)	78	%	46-129		1	11/18/24 10:22	11/19/24 09:46	84-15-1	
<b>8260 MSV UST</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		11/19/24 12:22	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/19/24 12:22	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/19/24 12:22	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/19/24 12:22	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/19/24 12:22	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/19/24 12:22	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/19/24 12:22	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/19/24 12:22	460-00-4	
Toluene-d8 (S)	93	%	70-130		1		11/19/24 12:22	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Sample: MW-3 Lab ID: 40287667003 Collected: 11/15/24 13:00 Received: 11/16/24 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:54		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 09:54		
<b>Surrogates</b>									
o-Terphenyl (S)	74	%	46-129		1	11/18/24 10:22	11/19/24 09:54	84-15-1	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/19/24 12:39	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/19/24 12:39	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/19/24 12:39	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/19/24 12:39	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/19/24 12:39	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/19/24 12:39	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/19/24 12:39	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/19/24 12:39	460-00-4	
Toluene-d8 (S)	94	%	70-130		1		11/19/24 12:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Sample: MW-4R Lab ID: 40287667004 Collected: 11/15/24 14:00 Received: 11/16/24 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>		Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510 Pace Analytical Services - Green Bay							
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 10:01		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	11/18/24 10:22	11/19/24 10:01		
<b>Surrogates</b>									
o-Terphenyl (S)	69	%	46-129		1	11/18/24 10:22	11/19/24 10:01	84-15-1	
<b>8260 MSV UST</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		11/19/24 12:56	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/19/24 12:56	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/19/24 12:56	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/19/24 12:56	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/19/24 12:56	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/19/24 12:56	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/19/24 12:56	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/19/24 12:56	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		11/19/24 12:56	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Sample: Trip Blank Lab ID: 40287667005 Collected: 11/15/24 00:01 Received: 11/16/24 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/19/24 11:48	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/19/24 11:48	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/19/24 11:48	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/19/24 11:48	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/19/24 11:48	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/19/24 11:48	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/19/24 11:48	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/19/24 11:48	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		11/19/24 11:48	2037-26-5	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

QC Batch:	490517	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40287667001, 40287667002, 40287667003, 40287667004, 40287667005

METHOD BLANK: 2808863 Matrix: Water

Associated Lab Samples: 40287667001, 40287667002, 40287667003, 40287667004, 40287667005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	11/19/24 11:31	
Ethylbenzene	ug/L	<0.33	1.0	11/19/24 11:31	
m&p-Xylene	ug/L	<0.70	2.0	11/19/24 11:31	
o-Xylene	ug/L	<0.35	1.0	11/19/24 11:31	
Toluene	ug/L	<0.29	1.0	11/19/24 11:31	
Xylene (Total)	ug/L	<1.0	3.0	11/19/24 11:31	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	11/19/24 11:31	
4-Bromofluorobenzene (S)	%	101	70-130	11/19/24 11:31	
Toluene-d8 (S)	%	95	70-130	11/19/24 11:31	

LABORATORY CONTROL SAMPLE: 2808864

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.9	110	70-130	
Ethylbenzene	ug/L	50	49.3	99	80-125	
m&p-Xylene	ug/L	100	100	100	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	49.9	100	80-120	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			95	70-130	

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

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

QC Batch: 490424 Analysis Method: EPA 8015C Modified  
 QC Batch Method: EPA 3510 Analysis Description: 8015C GCS  
 Laboratory: Pace Analytical Services - Green Bay  
 Associated Lab Samples: 40287667001, 40287667002, 40287667003, 40287667004

METHOD BLANK: 2808582 Matrix: Water  
 Associated Lab Samples: 40287667001, 40287667002, 40287667003, 40287667004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C28-C36)	mg/L	<0.028	0.095	11/19/24 09:15	
TPH - Diesel (C10-C28)	mg/L	<0.028	0.095	11/19/24 09:15	
o-Terphenyl (S)	%	73	46-129	11/19/24 09:15	

LABORATORY CONTROL SAMPLE: 2808583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C28-C36)	mg/L		<0.028			
TPH - Diesel (C10-C28)	mg/L	0.5	0.46	91	61-120	
o-Terphenyl (S)	%			100	46-129	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2808584 2808585

Parameter	Units	40287623012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH (C28-C36)	mg/L	0.22			0.30	0.28				10	20	
TPH - Diesel (C10-C28)	mg/L	0.50	0.48	0.48	0.96	0.92	98	89	61-120	4	20	
o-Terphenyl (S)	%						134	130	46-129			S5

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## QUALIFIERS

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 490523

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

### ANALYTE QUALIFIERS

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rele

Pace Project No.: 40287667

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40287667001	MW-1	EPA 3510	490424	EPA 8015C Modified	490523
40287667002	MW-2	EPA 3510	490424	EPA 8015C Modified	490523
40287667003	MW-3	EPA 3510	490424	EPA 8015C Modified	490523
40287667004	MW-4R	EPA 3510	490424	EPA 8015C Modified	490523
40287667001	MW-1	EPA 8260	490517		
40287667002	MW-2	EPA 8260	490517		
40287667003	MW-3	EPA 8260	490517		
40287667004	MW-4R	EPA 8260	490517		
40287667005	Trip Blank	EPA 8260	490517		

### REPORT OF LABORATORY ANALYSIS

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Client Name: GEI - Madison

Sample Preservation Receipt Form  
Project # 40287667

All containers needing preservation have been checked and noted below:  
Lab Lot# of pH paper:

Yes  No  N/A  
Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MRS Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU								SP5T	ZPLC	GN 1	GN 2		
001																																				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
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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

*MRS*  
*8/16/2022*

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

<b>AG1U</b> 1 liter amber glass	<b>BP1U</b> 1 liter plastic unpres	<b>VG9C</b> 40 mL clear ascorbic w/ HCl	<b>JG9U</b> 4 oz amber jar unpres
<b>BG1U</b> 1 liter clear glass	<b>BP3U</b> 250 mL plastic unpres	<b>DG9T</b> 40 mL amber Na Thio	<b>JG9U</b> 9 oz amber jar unpres
<b>AG1H</b> 1 liter amber glass HCL	<b>BP3B</b> 250 mL plastic NaOH	<b>VG9U</b> 40 mL clear vial unpres	<b>WG9U</b> 4 oz clear jar unpres
<b>AG4S</b> 125 mL amber glass H2SO4	<b>BP3N</b> 250 mL plastic HNO3	<b>VG9H</b> 40 mL clear vial HCL	<b>WPFU</b> 4 oz plastic jar unpres
<b>AG5U</b> 100 mL amber glass unpres	<b>BP3S</b> 250 mL plastic H2SO4	<b>VG9M</b> 40 mL clear vial MeOH	<b>SP5T</b> 120 mL plastic Na Thiosulfate
<b>AG2S</b> 500 mL amber glass H2SO4	<b>BP2Z</b> 500 mL plastic NaOH + Zn	<b>VG9D</b> 40 mL clear vial DI	<b>ZPLC</b> ziploc bag
<b>BG3U</b> 250 mL clear glass unpres			<b>GN 1</b>
			<b>GN 2</b>

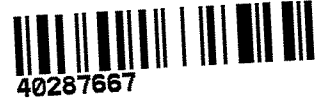
Sample Condition Upon Receipt Form (SCUR)

Project #: \_\_\_\_\_

Client Name: GET-Madison

WO#: **40287667**

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



Tracking #: 281870605657

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 - 140 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: no / Corr: no

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 11/16/2024 Initials: MW  
 Labeled By Initials: GF

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: _____	8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> Pace IR, Non-Pace	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>	
Trip Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>534</u>	

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 logir

Water - Onsite Potable Well



December 04, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288117

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on November 27, 2024. 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,

A handwritten signature in cursive script that reads "Christopher Hyska".

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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





## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288117

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288117001	CAMBRIDGE NPW	Water	11/26/24 13:00	11/27/24 09:30
40288117002	TRIP BLANK	Water	11/26/24 00:00	11/27/24 09:30

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288117

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288117001	CAMBRIDGE NPW	EPA 8015C Modified	CAH	3	PASI-G
		EPA 8260	EIB	9	PASI-G
40288117002	TRIP BLANK	EPA 8260	EIB	9	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

Sample: CAMBRIDGE NPW Lab ID: 40288117001 Collected: 11/26/24 13:00 Received: 11/27/24 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/03/24 08:38	12/04/24 10:07		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	12/03/24 08:38	12/04/24 10:07		
<b>Surrogates</b>									
o-Terphenyl (S)	93	%	46-129		1	12/03/24 08:38	12/04/24 10:07	84-15-1	
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/02/24 18:03	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/02/24 18:03	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/02/24 18:03	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/02/24 18:03	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/02/24 18:03	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/02/24 18:03	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		12/02/24 18:03	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/02/24 18:03	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		12/02/24 18:03	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

Sample: TRIP BLANK Lab ID: 40288117002 Collected: 11/26/24 00:00 Received: 11/27/24 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV UST</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/02/24 14:19	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/02/24 14:19	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/02/24 14:19	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/02/24 14:19	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/02/24 14:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/02/24 14:19	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		12/02/24 14:19	2199-69-1	
4-Bromofluorobenzene (S)	101	%	70-130		1		12/02/24 14:19	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		12/02/24 14:19	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

QC Batch: 491420

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV UST-WATER

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288117001, 40288117002

METHOD BLANK: 2813854

Matrix: Water

Associated Lab Samples: 40288117001, 40288117002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	12/02/24 10:28	
Ethylbenzene	ug/L	<0.33	1.0	12/02/24 10:28	
m&p-Xylene	ug/L	<0.70	2.0	12/02/24 10:28	
o-Xylene	ug/L	<0.35	1.0	12/02/24 10:28	
Toluene	ug/L	<0.29	1.0	12/02/24 10:28	
Xylene (Total)	ug/L	<1.0	3.0	12/02/24 10:28	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	12/02/24 10:28	
4-Bromofluorobenzene (S)	%	98	70-130	12/02/24 10:28	
Toluene-d8 (S)	%	97	70-130	12/02/24 10:28	

LABORATORY CONTROL SAMPLE: 2813855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.2	102	70-130	
Ethylbenzene	ug/L	50	54.4	109	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
o-Xylene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	51.2	102	70-130	
Xylene (Total)	ug/L	150	164	109	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

QC Batch: 491547	Analysis Method: EPA 8015C Modified
QC Batch Method: EPA 3510	Analysis Description: 8015C GCS
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288117001

METHOD BLANK: 2814246 Matrix: Water

Associated Lab Samples: 40288117001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C28-C36)	mg/L	<0.028	0.095	12/04/24 09:35	
TPH - Diesel (C10-C28)	mg/L	<0.028	0.095	12/04/24 09:35	
o-Terphenyl (S)	%	84	46-129	12/04/24 09:35	

LABORATORY CONTROL SAMPLE & LCSD: 2814247 2814248

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH (C28-C36)	mg/L		<0.028	<0.028					20	
TPH - Diesel (C10-C28)	mg/L	0.5	0.37	0.36	75	71	61-120	4	20	
o-Terphenyl (S)	%				97	91	46-129			

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

**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288117

---

### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 491565

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

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288117

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288117001	CAMBRIDGE NPW	EPA 3510	491547	EPA 8015C Modified	491565
40288117001	CAMBRIDGE NPW	EPA 8260	491420		
40288117002	TRIP BLANK	EPA 8260	491420		

### REPORT OF LABORATORY ANALYSIS

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**Pace** Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40288117

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DalSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDalSanto@geiconsultants.com  
 Cc E-Mail:

Customer Project #: 2408314  
 Project Name: Cambridge Station Release

Invoice To: Accounts Payable  
 Invoice E-Mail: geipayables@geiconsultants.com  
 Purchase Order # (if applicable):  
 Quote #:

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 Other Standard

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required):  
 [ ] Same Day [ ] 1 Day [ X ] 2 Day [ ] 3 Day [ ] Other \_\_\_\_\_  
 DW PWSID # or WW Permit # as applicable:  
 Date Results Requested: 12/3/2024  
 Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine	
			Date	Time	Date	Time		Results	Units
Cambridge NPW	GW	G	--	--	11-26-24	1300	5	--	--
Trip Blank	--	--	↓	↓	↓	0000	2	↓	↓
<del>CPG</del>									
<del>CPG</del>									
<del>CPG</del>									
<del>CPG</del>									
<del>CPG</del>									
<del>CPG</del>									

Specify Container Size \*\*

6	10	10	10
---	----	----	----

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type\*\*\*

11	1	1	1
----	---	---	---

\*\*\* Preservative Types: (1) None, (2) HND3, (3) H2SO4, (4) HCl, (5) NaOH, (6) 2n Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeDH, (11) Other

Analysis Requested

WTPVOCs-9268*	PAHs 82705mm; Dry-Weight	BTEX	TPH - DRO & ORO	ICLP-VOC-9269-TCLP-SVOC-8276	TCLP-RCRA-metals-6610-7490	1410-Elemental*
		X	X			
		X				

Proj. Mgr:  
**Christopher Hyska**  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template:  
**5978**  
 Prelog / Bottle Ord. ID:  
**EZ 3167069**  
 Sample Comment

Additional Instructions from Pace®:

Collected By:  
 (Printed Name) Caitlin Graeber  
 Signature: Caitlin Graeber

Customer Remarks / Special Conditions / Possible Hazards:  
 # Coolers: 1 Thermometer ID: 141 Correction Factor (°C): — Obs. Temp. (°C) 0.5 Corrected Temp. (°C) 0.5 On Ice: Y

Relinquished by/Company: (Signature) Caitlin Graeber

Date/Time: 11-26-24 16:30

Received by/Company: (Signature) Maria Malde

Date/Time: 11/26/24 16:30

Tracking Number:  
 Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Relinquished by/Company: (Signature) CS Logistics

Date/Time: 11/27/24 0930

Received by/Company: (Signature) [Signature]

Date/Time: 11/27/24 0930

Page: 1 of 1



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

Project #:

Client Name: GEI

WO#: **40288117**



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-141 Type of Ice:  Wet  Blue Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0.5 / Corr: 0.5

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

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:  
 Date: 11/27/20 / Initials: GF  
 Labeled By Initials: [Signature]

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested: <u>11/27/2020</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>532</u>		

**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 logir

# Water - Surface Water Sampling



December 13, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288321

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2024. 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

Revised report per client request to evaluate samples to LOQ. This replaces the original dated 12/6/24. CDH 12/13/24

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

Sincerely,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288321

---

### **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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288321

---

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288321001	CSRWS001	Water	12/04/24 09:23	12/05/24 08:04

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288321

---

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288321001	CSRWS001	WI MOD GRO	EMG	1	PASI-G

---

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288321

Sample: CSRWS001 Lab ID: 40288321001 Collected: 12/04/24 09:23 Received: 12/05/24 08:04 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>WIGRO GCV</b>									
Analytical Method: WI MOD GRO									
Pace Analytical Services - Green Bay									
Gasoline Range Organics	<0.050	mg/L	0.050	0.030	1		12/05/24 14:18		

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288321

QC Batch: 491828

Analysis Method: WI MOD GRO

QC Batch Method: WI MOD GRO

Analysis Description: WIGRO GCV Water

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288321001

METHOD BLANK: 2815461

Matrix: Water

Associated Lab Samples: 40288321001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/L	<0.050	0.050	12/05/24 13:01	
a,a,a-Trifluorotoluene (S)	%	97	80-120	12/05/24 13:01	

LABORATORY CONTROL SAMPLE & LCSD: 2815462

2815463

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/L	0.2	0.24	0.24	119	119	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%				96	95	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2815504

2815505

Parameter	Units	40288125003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						112	113	80-120			

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

**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288321

---

### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288321

---

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288321001	CSRWS001	WI MOD GRO	491828		

---

### REPORT OF LABORATORY ANALYSIS

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

Project #: \_\_\_\_\_

Client Name: GEI-Madison

**WO#: 40288321**

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



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

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR-9 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 3.0 /Corr: 3.5

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

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

Person examining contents:  
 Date: 8/15/24 Initials: KKS  
 Labeled By Initials: [Signature]

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>1 Day rush 8/15/24 KKS</u>
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>SW</u>	12.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

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

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

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

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





December 13, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288334

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2024. 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 - Minneapolis

Revised report per client request to evaluate samples to LOQ. This replaces the original dated 12/11/24. CDH 12/13/24

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

Sincerely,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288334

**Pace Analytical Services, LLC - Minneapolis MN**

1700 Elm Street SE, Minneapolis, MN 55414

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

DoD Certification via A2LA #: 2926.01

EPA Region 8 Tribal Water Systems+Wyoming DW

Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

GMP+ Certification #: GMP050884

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

ISO/IEC 17025 Certification via A2LA #: 2926.01

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification (A2LA) #: R-036

North Dakota Certification (MN) #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification via A2LA #: 2926.01

USDA Permit #: P330-19-00208

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288334

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288334001	CSRWS001B	Water	12/04/24 09:23	12/05/24 09:20

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288334

---

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288334001	CSRWS001B	WI MOD DRO	RAG	2	PASI-M

---

PASI-M = Pace Analytical Services - Minneapolis

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288334

Sample: CSRWS001B Lab ID: 40288334001 Collected: 12/04/24 09:23 Received: 12/05/24 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>WIDRO LV GCS Silica Gel</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Minneapolis									
WDRO C10-C28	<0.10	mg/L	0.10	0.042	1	12/10/24 14:39	12/11/24 07:57		
<b>Surrogates</b>									
n-Triacontane (S)	46	%	30-127		1	12/10/24 14:39	12/11/24 07:57		

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288334

QC Batch: 983654	Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO	Analysis Description: WIDRO Low Volume GCS w/Cleanup
	Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 40288334001

METHOD BLANK: 5138625 Matrix: Water

Associated Lab Samples: 40288334001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
WDRO C10-C28	mg/L	ND	0.10	12/11/24 07:41	
n-Triacontane (S)	%.	75	30-127	12/11/24 07:41	

LABORATORY CONTROL SAMPLE & LCSD: 5138626 5138627

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
WDRO C10-C28	mg/L	0.8	0.69	0.74	87	92	38-125	6	20	
n-Triacontane (S)	%.				85	92	30-127			

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

**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288334

---

### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 983946

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288334

---

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288334001	CSRWS001B	WI MOD DRO	983654	WI MOD DRO	983946

### REPORT OF LABORATORY ANALYSIS

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**Pace**<sup>®</sup> Location Requested (City/State):  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**

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

LAB USE ONLY- Affix Workorder/Login Label Here



40288334

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
 Street Address: 1600 Aspen Commons, Suite 680  
 Middleton, WI 53562

Contact/Report To: Brad DaSanto  
 Phone #: (815) 289-3895  
 E-Mail: BDaSanto@gelconsultants.com  
 Cc E-Mail:

Customer Project #: Cambridge Station Release

Invoice To: Accounts Payable  
 Invoice E-Mail: gelpayables@gelconsultants.com

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable):  
 Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ X ] CT [ ] ET

County / State origin of sample(s): Wisconsin

Data Deliverables:  
 [ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
 Rush (Pre-approval required):  
 [ ] Same Day [ ] 1 Day [ ] 2 Day [ X ] 3 Day [ ] Other TBD  
 Date Results Requested: Analysis Pending  
 Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size \*\*  
 Identify Container Preservative Type\*\*\*  
 Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other  
 \*\*\* Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Matrix	Comp / Grab	Composite Start	Collected or Composite End	#	Res. Chlorine	Analysis Requested						
Date	Time	Date	Time	Cont.	Results	Units						
CSRWS01B	SW	G	--	--	12/4/24	0923	4	--	--	TBD	TBD	Analysis Requested

Proj. Mgr: Christopher Hyska  
 AcctNum / Client ID:  
 Table #:  
 Profile / Template: 5978  
 Prelog / Bottle Ord. ID: EZ 3167069  
 Sample Comment: HOLD 001

Additional Instructions from Pace<sup>®</sup>:  
 Signature: B90

Collected By: Brad DaSanto  
 Signature: B90

Customer Remarks / Special Conditions / Possible Hazards: Analysis TBD, please HOLD  
 # Coolers: 1 Thermometer ID: 9 Correction Factor (°C): 0.05 Obs. Temp. (°C): 30 Corrected Temp. (°C): 35 On Ice: Y

Relinquished by/Company: (Signature) GEI (B90)  
 Date/Time: 12/4/24 1300

Received by/Company: (Signature) GEI (CRG)  
 Date/Time: 12/4/2024 1700

Received by/Company: (Signature) Marisa Malder  
 Date/Time: 12/04/24 1700

Received by/Company: (Signature) Kees Stamb-Pace  
 Date/Time: 12/5/24 0920

Tracking Number:  
 Delivered by: [ ] In-Person [ ] Courier  
 [ ] FedEx [ ] UPS [ X ] Other

Relinquished by/Company: (Signature) GEI (CRG)  
 Date/Time: 12/5/24 0920

Received by/Company: (Signature) Kees Stamb-Pace  
 Date/Time: 12/5/24 0920

Received by/Company: (Signature) Kees Stamb-Pace  
 Date/Time: 12/5/24 0920

Received by/Company: (Signature) Kees Stamb-Pace  
 Date/Time: 12/5/24 0920

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace<sup>®</sup> Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

**Sample Preservation Receipt Form**

Client Name: GEI - Madison

Project # 40200334

All containers needing preservation have been checked and noted below:  
 Yes  No  N/A  
 Lab Lot# of pH paper:

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

Initial when completed:

Date/ Time:

Pace Lab #	Glass						Plastic						Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN 1	GN 2	
001			-													(u)																			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
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015																																			2.5 / 5
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017																																			2.5 / 5
018																																			2.5 / 5
019																																			2.5 / 5
020																																			2.5 / 5

12/5/24 KKB

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

<b>AG1U</b>	1 liter amber glass	<b>BP1U</b>	1 liter plastic unpres	<b>VG9C</b>	40 mL clear ascorbic w/ HCl	<b>JGFU</b>	4 oz amber jar unpres
<b>BG1U</b>	1 liter clear glass	<b>BP3U</b>	250 mL plastic unpres	<b>DG9T</b>	40 mL amber Na Thio	<b>JG9U</b>	9 oz amber jar unpres
<b>AG1H</b>	1 liter amber glass HCL	<b>BP3B</b>	250 mL plastic NaOH	<b>VG9U</b>	40 mL clear vial unpres	<b>WGFU</b>	4 oz clear jar unpres
<b>AG4S</b>	125 mL amber glass H2SO4	<b>BP3N</b>	250 mL plastic HNO3	<b>VG9H</b>	40 mL clear vial HCL	<b>WPFU</b>	4 oz plastic jar unpres
<b>AG5U</b>	100 mL amber glass unpres	<b>BP3S</b>	250 mL plastic H2SO4	<b>VG9M</b>	40 mL clear vial MeOH	<b>SP5T</b>	120 mL plastic Na Thiosulfate
<b>AG2S</b>	500 mL amber glass H2SO4	<b>BP2Z</b>	500 mL plastic NaOH + Zn	<b>VG9D</b>	40 mL clear vial DI	<b>ZPLC</b>	ziploc bag
<b>BG3U</b>	250 mL clear glass unpres					<b>GN 1</b>	
						<b>GN 2</b>	

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

Project #:

Client Name: GEI-Madison

WO#: **40288334**

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



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

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

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

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

Thermometer Used SR - 9 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 3.0 /Corr: 3.5

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

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

Person examining contents:  
 Date: 12/5/24 Initials: KKS  
 Labeled By Initials: GF

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

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

# Water - Private Water Well Sampling



December 17, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288845

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288845

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288845001	W8292 HWY 18	Water	12/13/24 13:14	12/14/24 08:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288845

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288845001	W8292 HWY 18	EPA 8260	CXJ	65	PASI-G

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PASI-G = Pace Analytical Services - Green Bay

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

Sample: W8292 HWY 18 Lab ID: 40288845001 Collected: 12/13/24 13:14 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 18:50	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:50	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 18:50	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 18:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 18:50	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:50	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 18:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 18:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 18:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 18:50	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 18:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 18:50	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:50	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:50	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 18:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 18:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 18:50	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 18:50	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:50	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:50	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 18:50	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 18:50	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:50	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 18:50	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 18:50	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 18:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 18:50	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 18:50	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:50	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:50	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:50	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 18:50	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 18:50	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:50	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:50	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 18:50	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 18:50	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:50	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 18:50	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:50	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 18:50	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:50	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:50	100-42-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

Sample: W8292 HWY 18 Lab ID: 40288845001 Collected: 12/13/24 13:14 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:50	630-20-6	
1,1,1,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 18:50	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 18:50	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 18:50	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 18:50	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 18:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:50	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 18:50	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 18:50	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:50	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 18:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 18:50	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 18:50	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:50	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		12/16/24 18:50	2199-69-1	
4-Bromofluorobenzene (S)	99	%	70-130		1		12/16/24 18:50	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/16/24 18:50	2037-26-5	

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

QC Batch: 492738

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288845001

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288845001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	12/16/24 13:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/16/24 13:37	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	12/16/24 13:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	12/16/24 13:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	12/16/24 13:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	12/16/24 13:37	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	12/16/24 13:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/16/24 13:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/16/24 13:37	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	12/16/24 13:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	12/16/24 13:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	12/16/24 13:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	12/16/24 13:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	12/16/24 13:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/16/24 13:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	12/16/24 13:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	12/16/24 13:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	12/16/24 13:37	
2,2-Dichloropropane	ug/L	<0.42	1.0	12/16/24 13:37	
2-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
4-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
Benzene	ug/L	<0.30	1.0	12/16/24 13:37	
Bromobenzene	ug/L	<0.36	1.0	12/16/24 13:37	
Bromochloromethane	ug/L	<0.36	1.0	12/16/24 13:37	
Bromodichloromethane	ug/L	<0.21	1.0	12/16/24 13:37	
Bromoform	ug/L	<0.43	1.0	12/16/24 13:37	
Bromomethane	ug/L	<1.2	5.0	12/16/24 13:37	
Carbon tetrachloride	ug/L	<0.37	1.0	12/16/24 13:37	
Chlorobenzene	ug/L	<0.86	1.0	12/16/24 13:37	
Chloroethane	ug/L	<1.4	5.0	12/16/24 13:37	
Chloroform	ug/L	<0.50	5.0	12/16/24 13:37	
Chloromethane	ug/L	<1.6	5.0	12/16/24 13:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	12/16/24 13:37	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	12/16/24 13:37	
Dibromochloromethane	ug/L	<2.6	5.0	12/16/24 13:37	
Dibromomethane	ug/L	<0.99	5.0	12/16/24 13:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	12/16/24 13:37	
Diisopropyl ether	ug/L	<1.1	5.0	12/16/24 13:37	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288845001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	12/16/24 13:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	12/16/24 13:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	12/16/24 13:37	
m&p-Xylene	ug/L	<0.70	2.0	12/16/24 13:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/16/24 13:37	
Methylene Chloride	ug/L	<0.32	5.0	12/16/24 13:37	
n-Butylbenzene	ug/L	<0.86	1.0	12/16/24 13:37	
n-Propylbenzene	ug/L	<0.35	1.0	12/16/24 13:37	
Naphthalene	ug/L	<1.9	5.0	12/16/24 13:37	
o-Xylene	ug/L	<0.35	1.0	12/16/24 13:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	12/16/24 13:37	
sec-Butylbenzene	ug/L	<0.42	1.0	12/16/24 13:37	
Styrene	ug/L	<0.36	1.0	12/16/24 13:37	
tert-Butylbenzene	ug/L	<0.59	1.0	12/16/24 13:37	
Tetrachloroethene	ug/L	<0.41	1.0	12/16/24 13:37	
Toluene	ug/L	<0.29	1.0	12/16/24 13:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	12/16/24 13:37	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	12/16/24 13:37	
Trichloroethene	ug/L	<0.32	1.0	12/16/24 13:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	12/16/24 13:37	
Vinyl chloride	ug/L	<0.17	1.0	12/16/24 13:37	
Xylene (Total)	ug/L	<1.0	3.0	12/16/24 13:37	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	12/16/24 13:37	
4-Bromofluorobenzene (S)	%	99	70-130	12/16/24 13:37	
Toluene-d8 (S)	%	98	70-130	12/16/24 13:37	

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	70-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	66-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	66-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	53.3	107	70-130	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.9	96	61-130	
Bromomethane	ug/L	50	41.6	83	40-157	
Carbon tetrachloride	ug/L	50	58.6	117	70-139	
Chlorobenzene	ug/L	50	54.8	110	70-130	
Chloroethane	ug/L	50	52.1	104	61-145	
Chloroform	ug/L	50	52.0	104	70-130	
Chloromethane	ug/L	50	50.2	100	22-163	
cis-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	55.6	111	10-185	
Ethylbenzene	ug/L	50	55.0	110	70-130	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	70-134	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	50.0	100	62-130	
Methylene Chloride	ug/L	50	53.1	106	70-130	
o-Xylene	ug/L	50	56.9	114	70-130	
Styrene	ug/L	50	57.7	115	70-130	
Tetrachloroethene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	70-130	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	70-149	
Vinyl chloride	ug/L	50	61.3	123	37-145	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2821000 2821001

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288678011	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.1	58.8	114	118	70-136	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.5	54.4	105	109	70-130	3	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	50.7	101	101	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.9	54.9	108	110	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	57.9	114	116	65-131	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.0	47.4	90	95	63-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	48.7	49.5	97	99	65-130	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	52.2	51.8	104	104	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.6	52.4	103	105	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.5	52.7	109	105	70-131	3	20		

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

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

Parameter	Units	2821000		2821001		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288678011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloropropane	ug/L	<0.45	50	50	54.1	55.5	108	111	70-130	2	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.5	52.5	103	105	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.3	54.4	105	109	70-130	4	20		
Benzene	ug/L	<0.30	50	50	55.0	55.4	110	111	70-130	1	20		
Bromodichloromethane	ug/L	<0.21	50	50	54.6	56.1	109	112	70-130	3	20		
Bromoform	ug/L	<0.43	50	50	50.7	50.3	101	101	61-130	1	20		
Bromomethane	ug/L	<1.2	50	50	47.6	48.8	95	98	40-170	2	20		
Carbon tetrachloride	ug/L	<0.37	50	50	59.5	61.5	119	123	70-141	3	20		
Chlorobenzene	ug/L	<0.86	50	50	53.8	54.5	108	109	70-130	1	20		
Chloroethane	ug/L	<1.4	50	50	56.7	52.7	113	105	59-148	7	20		
Chloroform	ug/L	<0.50	50	50	53.5	53.9	107	108	70-130	1	20		
Chloromethane	ug/L	<1.6	50	50	50.9	52.3	102	105	19-170	3	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.7	54.0	107	108	70-130	0	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.8	55.6	106	111	70-130	5	20		
Dibromochloromethane	ug/L	<2.6	50	50	56.5	57.2	113	114	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	55.8	55.0	112	110	10-190	1	20		
Ethylbenzene	ug/L	<0.33	50	50	55.6	55.5	111	111	70-130	0	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.8	55.6	110	111	70-137	1	20		
m&p-Xylene	ug/L	<0.70	100	100	115	117	115	117	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.9	53.4	98	107	62-130	9	20		
Methylene Chloride	ug/L	<0.32	50	50	53.9	55.1	108	110	70-133	2	20		
o-Xylene	ug/L	<0.35	50	50	58.5	58.7	117	117	70-130	0	20		
Styrene	ug/L	<0.36	50	50	59.4	60.1	119	120	70-130	1	20		
Tetrachloroethene	ug/L	0.43J	50	50	57.1	56.9	113	113	70-130	0	20		
Toluene	ug/L	<0.29	50	50	53.3	53.5	107	107	70-130	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.4	56.7	115	113	70-133	1	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	52.0	52.7	104	105	68-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	55.0	56.6	110	113	70-130	3	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	64.0	63.4	128	127	65-153	1	20		
Vinyl chloride	ug/L	<0.17	50	50	60.4	62.8	121	126	37-150	4	20		
Xylene (Total)	ug/L	<1.0	150	150	173	176	116	117	70-130	1	20		
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130				
4-Bromofluorobenzene (S)	%						98	100	70-130				
Toluene-d8 (S)	%						98	97	70-130				

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

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288845

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288845001	W8292 HWY 18	EPA 8260	492738		

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Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GTEI

WO#: 40288845



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

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

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 138 Type of Ice:  Wet  Blue Dry  None  Meltwater Only

Cooler Temperature Uncorr: 2.5 /Corr: 2.5

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:  
 Date: 12/14/24 /Initials: NK  
 Labeled By Initials: KKS

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+ 2 CC</u>	<u>12/14/24 NK</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>pg. #, address</u>	<u>12/14/24 NK</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>2 day TAT</u>	<u>12/14/24 NK</u>
Sufficient Volume:		8.	
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace			
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.	
-Includes date/time/ID/Analysis Matrix: <u>W</u>			
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased): _____			

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

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

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



December 17, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288846

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288846

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288846001	W8489 HWY 18	Water	12/13/24 14:07	12/14/24 08:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288846

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288846001	W8489 HWY 18	EPA 8260	CXJ	65	PASI-G

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PASI-G = Pace Analytical Services - Green Bay

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

Sample: W8489 HWY 18 Lab ID: 40288846001 Collected: 12/13/24 14:07 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 19:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 19:08	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 19:08	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 19:08	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 19:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 19:08	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 19:08	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 19:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 19:08	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 19:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 19:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 19:08	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 19:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 19:08	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 19:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 19:08	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 19:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 19:08	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 19:08	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 19:08	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 19:08	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 19:08	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 19:08	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 19:08	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 19:08	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 19:08	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 19:08	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 19:08	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 19:08	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 19:08	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 19:08	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 19:08	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 19:08	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 19:08	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 19:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 19:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 19:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 19:08	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 19:08	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 19:08	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 19:08	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 19:08	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 19:08	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 19:08	100-42-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

Sample: **W8489 HWY 18** Lab ID: **40288846001** Collected: 12/13/24 14:07 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 19:08	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 19:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 19:08	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 19:08	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 19:08	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 19:08	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 19:08	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 19:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 19:08	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 19:08	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 19:08	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 19:08	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 19:08	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 19:08	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 19:08	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 19:08	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		12/16/24 19:08	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/16/24 19:08	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		12/16/24 19:08	2037-26-5	

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

QC Batch: 492738

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288846001

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	12/16/24 13:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/16/24 13:37	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	12/16/24 13:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	12/16/24 13:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	12/16/24 13:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	12/16/24 13:37	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	12/16/24 13:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/16/24 13:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/16/24 13:37	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	12/16/24 13:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	12/16/24 13:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	12/16/24 13:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	12/16/24 13:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	12/16/24 13:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/16/24 13:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	12/16/24 13:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	12/16/24 13:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	12/16/24 13:37	
2,2-Dichloropropane	ug/L	<0.42	1.0	12/16/24 13:37	
2-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
4-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
Benzene	ug/L	<0.30	1.0	12/16/24 13:37	
Bromobenzene	ug/L	<0.36	1.0	12/16/24 13:37	
Bromochloromethane	ug/L	<0.36	1.0	12/16/24 13:37	
Bromodichloromethane	ug/L	<0.21	1.0	12/16/24 13:37	
Bromoform	ug/L	<0.43	1.0	12/16/24 13:37	
Bromomethane	ug/L	<1.2	5.0	12/16/24 13:37	
Carbon tetrachloride	ug/L	<0.37	1.0	12/16/24 13:37	
Chlorobenzene	ug/L	<0.86	1.0	12/16/24 13:37	
Chloroethane	ug/L	<1.4	5.0	12/16/24 13:37	
Chloroform	ug/L	<0.50	5.0	12/16/24 13:37	
Chloromethane	ug/L	<1.6	5.0	12/16/24 13:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	12/16/24 13:37	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	12/16/24 13:37	
Dibromochloromethane	ug/L	<2.6	5.0	12/16/24 13:37	
Dibromomethane	ug/L	<0.99	5.0	12/16/24 13:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	12/16/24 13:37	
Diisopropyl ether	ug/L	<1.1	5.0	12/16/24 13:37	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288846001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	12/16/24 13:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	12/16/24 13:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	12/16/24 13:37	
m&p-Xylene	ug/L	<0.70	2.0	12/16/24 13:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/16/24 13:37	
Methylene Chloride	ug/L	<0.32	5.0	12/16/24 13:37	
n-Butylbenzene	ug/L	<0.86	1.0	12/16/24 13:37	
n-Propylbenzene	ug/L	<0.35	1.0	12/16/24 13:37	
Naphthalene	ug/L	<1.9	5.0	12/16/24 13:37	
o-Xylene	ug/L	<0.35	1.0	12/16/24 13:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	12/16/24 13:37	
sec-Butylbenzene	ug/L	<0.42	1.0	12/16/24 13:37	
Styrene	ug/L	<0.36	1.0	12/16/24 13:37	
tert-Butylbenzene	ug/L	<0.59	1.0	12/16/24 13:37	
Tetrachloroethene	ug/L	<0.41	1.0	12/16/24 13:37	
Toluene	ug/L	<0.29	1.0	12/16/24 13:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	12/16/24 13:37	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	12/16/24 13:37	
Trichloroethene	ug/L	<0.32	1.0	12/16/24 13:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	12/16/24 13:37	
Vinyl chloride	ug/L	<0.17	1.0	12/16/24 13:37	
Xylene (Total)	ug/L	<1.0	3.0	12/16/24 13:37	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	12/16/24 13:37	
4-Bromofluorobenzene (S)	%	99	70-130	12/16/24 13:37	
Toluene-d8 (S)	%	98	70-130	12/16/24 13:37	

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	70-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	66-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	66-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	53.3	107	70-130	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.9	96	61-130	
Bromomethane	ug/L	50	41.6	83	40-157	
Carbon tetrachloride	ug/L	50	58.6	117	70-139	
Chlorobenzene	ug/L	50	54.8	110	70-130	
Chloroethane	ug/L	50	52.1	104	61-145	
Chloroform	ug/L	50	52.0	104	70-130	
Chloromethane	ug/L	50	50.2	100	22-163	
cis-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	55.6	111	10-185	
Ethylbenzene	ug/L	50	55.0	110	70-130	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	70-134	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	50.0	100	62-130	
Methylene Chloride	ug/L	50	53.1	106	70-130	
o-Xylene	ug/L	50	56.9	114	70-130	
Styrene	ug/L	50	57.7	115	70-130	
Tetrachloroethene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	70-130	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	70-149	
Vinyl chloride	ug/L	50	61.3	123	37-145	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2821000 2821001

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40288678011 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.1	58.8	114	118	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.5	54.4	105	109	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	50.7	101	101	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	53.9	54.9	108	110	70-130	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	57.9	114	116	65-131	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.0	47.4	90	95	63-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	48.7	49.5	97	99	65-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	52.2	51.8	104	104	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.6	52.4	103	105	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	54.5	52.7	109	105	70-131	3	20	

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

Parameter	Units	2821000			2821001			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40288678011	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloropropane	ug/L	<0.45	50	50	54.1	55.5	108	111	70-130	2	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.5	52.5	103	105	70-130	2	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.3	54.4	105	109	70-130	4	20			
Benzene	ug/L	<0.30	50	50	55.0	55.4	110	111	70-130	1	20			
Bromodichloromethane	ug/L	<0.21	50	50	54.6	56.1	109	112	70-130	3	20			
Bromoform	ug/L	<0.43	50	50	50.7	50.3	101	101	61-130	1	20			
Bromomethane	ug/L	<1.2	50	50	47.6	48.8	95	98	40-170	2	20			
Carbon tetrachloride	ug/L	<0.37	50	50	59.5	61.5	119	123	70-141	3	20			
Chlorobenzene	ug/L	<0.86	50	50	53.8	54.5	108	109	70-130	1	20			
Chloroethane	ug/L	<1.4	50	50	56.7	52.7	113	105	59-148	7	20			
Chloroform	ug/L	<0.50	50	50	53.5	53.9	107	108	70-130	1	20			
Chloromethane	ug/L	<1.6	50	50	50.9	52.3	102	105	19-170	3	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.7	54.0	107	108	70-130	0	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.8	55.6	106	111	70-130	5	20			
Dibromochloromethane	ug/L	<2.6	50	50	56.5	57.2	113	114	70-130	1	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	55.8	55.0	112	110	10-190	1	20			
Ethylbenzene	ug/L	<0.33	50	50	55.6	55.5	111	111	70-130	0	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.8	55.6	110	111	70-137	1	20			
m&p-Xylene	ug/L	<0.70	100	100	115	117	115	117	70-130	2	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.9	53.4	98	107	62-130	9	20			
Methylene Chloride	ug/L	<0.32	50	50	53.9	55.1	108	110	70-133	2	20			
o-Xylene	ug/L	<0.35	50	50	58.5	58.7	117	117	70-130	0	20			
Styrene	ug/L	<0.36	50	50	59.4	60.1	119	120	70-130	1	20			
Tetrachloroethene	ug/L	0.43J	50	50	57.1	56.9	113	113	70-130	0	20			
Toluene	ug/L	<0.29	50	50	53.3	53.5	107	107	70-130	0	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.4	56.7	115	113	70-133	1	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	52.0	52.7	104	105	68-130	1	20			
Trichloroethene	ug/L	<0.32	50	50	55.0	56.6	110	113	70-130	3	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	64.0	63.4	128	127	65-153	1	20			
Vinyl chloride	ug/L	<0.17	50	50	60.4	62.8	121	126	37-150	4	20			
Xylene (Total)	ug/L	<1.0	150	150	173	176	116	117	70-130	1	20			
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130					
4-Bromofluorobenzene (S)	%						98	100	70-130					
Toluene-d8 (S)	%						98	97	70-130					

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**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288846

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288846001	W8489 HWY 18	EPA 8260	492738		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY Analytical Request Document

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

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

40288846

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

Company: <b>GEI - Madison, WI</b>		Billing Information: <b>GEI - Madison, WI</b>	
Address:			
Report To: <b>Brad Dalsanto</b>		Email To: <b>Brad Dalsanto</b>	
Copy To: <b>Ken Kytha</b>		Site Collection Info/Address: <b>NA</b>	
Customer Project Name/Number: <b>2408314</b>		State: <b>WI</b> / County/City: <b>--</b> Time Zone Collected: <b>[ ] PT [ ] MT [X] CT [ ] ET</b>	
Phone:	Site/Facility ID #: <b>NA</b>	Compliance Monitoring? <b>[ ] Yes [ ] No NA</b>	
Email: <b>bdalsanto@geiconsultants.com</b>	Purchase Order #: <b>2408314</b>	DW PWS ID #: <b>NA</b>	
Collected By (print): <b>Brad Dalsanto</b>	Quote #: <b>2408314</b>	DW Location Code: <b>NA</b>	
Collected By (signature): <b>BSD</b>	Turnaround Date Required: <b>SEE Below</b>	Immediately Packed on Ice: <b>[X] Yes [ ] No</b>	
Sample Disposal: <b>[X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold:</b>	Rush: <b>[ ] Same Day [ ] Next Day [X] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)</b>	Field Filtered (if applicable): <b>[ ] Yes [ ] No NA</b>	
Analysis: <b>NA</b>			

Container Preservative Type **		Lab Project Manager:
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		

Analyses	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	Y N NA
	Sample pH Acceptable	Y N NA
	pH Strips:	Y N NA
	Sulfide Present	Y N NA
	Lead Acetate Strips:	Y N NA
	LAB USE ONLY:	
	Lab Sample # / Comments:	

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
W8489 Hwy 18	GW	G	12/13/24	1407	--	--	--	3

Full List VOCs

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: <b>Wet Blue Dry None</b>	SHORT HOLDS PRESENT (<72 hours): <b>Y N N/A</b>	Lab Sample Temperature Info: Temp Blank Received: <b>Y N NA</b> Therm ID#: _____ Cooler 1 Temp Upon Receipt: _____ °C Cooler 1 Therm Corr Factor: _____ °C Cooler 1 Corrected Temp: _____ °C Comments:
	Packing Material Used:	Lab Tracking #: <b>2945977</b>	
	Radchem sample(s) screened (<500 cpm): <b>Y N NA</b>	Samples received via: FEDEX UPS Client Courier Pace Courier	
Relinquished by/Company: (Signature) <b>GEI</b>	Date/Time: <b>12/13/24 1545</b>	Received by/Company: (Signature) <b>Maria Mallard</b>	Date/Time: <b>15:45 12/13/24</b>
Relinquished by/Company: (Signature) <b>CS Logistics</b>	Date/Time: <b>12/14/24 0840</b>	Received by/Company: (Signature) <b>Pace</b>	Date/Time: <b>12/14/24 0840</b>
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: <b>Y N NA</b>	
		HCL MeOH TSP Other	
		Non Conformance(s): <b>Page 13 of 15</b>	
		YES / NO of: _____	





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

Project #:

Client Name: GEI

WO#: **40288846**

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



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

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

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

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

Thermometer Used SR-138 Type of Ice:  Wet  Blue Dry  None  Meltwater Only

Cooler Temperature Uncorr: 2.5 / Corr: 2.5

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 12/14/24 Initials: NK  
 Labeled By Initials: KKS

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+ 2 CC</u>	<u>12/14/24 NK</u>
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>pg. #, address</u>	<u>12/14/24 NK</u>
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:	
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>2 day TAT</u>	<u>12/14/24 NK</u>
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace	9.	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>W</u>	12.	
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased): _____		

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

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

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

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

# Water - Onsite Temporary Monitoring Wells



December 13, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288688

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 12, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants



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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288688001	SB-01	Water	12/11/24 08:30	12/12/24 07:40
40288688002	SB-02	Water	12/11/24 11:15	12/12/24 07:40
40288688003	SB-03	Water	12/11/24 11:50	12/12/24 07:40
40288688004	SB-04	Water	12/11/24 14:05	12/12/24 07:40
40288688005	SB-05	Water	12/11/24 14:42	12/12/24 07:40
40288688006	SB-06	Water	12/11/24 15:20	12/12/24 07:40
40288688007	SB-07	Water	12/11/24 16:05	12/12/24 07:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288688001	SB-01	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688002	SB-02	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688003	SB-03	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688004	SB-04	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688005	SB-05	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688006	SB-06	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G
40288688007	SB-07	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	EIB	65	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288688001</b>	<b>SB-01</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.068J	mg/L	0.090	12/13/24 07:20	
<b>40288688002</b>	<b>SB-02</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.037J	mg/L	0.090	12/13/24 07:28	
EPA 8260	Toluene	0.35J	ug/L	1.0	12/12/24 19:01	
<b>40288688003</b>	<b>SB-03</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.10	mg/L	0.090	12/13/24 07:35	
<b>40288688004</b>	<b>SB-04</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.062J	mg/L	0.089	12/13/24 07:43	
<b>40288688006</b>	<b>SB-06</b>					
EPA 8015C Modified	TPH (C28-C36)	0.028J	mg/L	0.090	12/13/24 07:59	
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.053J	mg/L	0.090	12/13/24 07:59	
EPA 8260	Toluene	0.51J	ug/L	1.0	12/12/24 19:52	
<b>40288688007</b>	<b>SB-07</b>					
EPA 8015C Modified	TPH (C28-C36)	0.045J	mg/L	0.090	12/13/24 08:07	
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.061J	mg/L	0.090	12/13/24 08:07	
EPA 8260	Toluene	0.49J	ug/L	1.0	12/12/24 20:10	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-01 Lab ID: 40288688001 Collected: 12/11/24 08:30 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:20		
TPH - Diesel (C10-C28)	0.068J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:20		
<b>Surrogates</b>									
o-Terphenyl (S)	89	%	46-129		1	12/12/24 12:34	12/13/24 07:20	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 18:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:44	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 18:44	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 18:44	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 18:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 18:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 18:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 18:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 18:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 18:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 18:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 18:44	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 18:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 18:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 18:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 18:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 18:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 18:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 18:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 18:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 18:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 18:44	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:44	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 18:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 18:44	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 18:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 18:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 18:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:44	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 18:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 18:44	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 18:44	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 18:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 18:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 18:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 18:44	87-68-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-01 Lab ID: 40288688001 Collected: 12/11/24 08:30 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 18:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 18:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 18:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 18:44	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 18:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 18:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 18:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/12/24 18:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 18:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 18:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 18:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 18:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 18:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 18:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 18:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:44	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 18:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 18:44	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 18:44	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:44	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		12/12/24 18:44	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		12/12/24 18:44	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		12/12/24 18:44	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: **SB-02** Lab ID: **40288688002** Collected: 12/11/24 11:15 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:28		
TPH - Diesel (C10-C28)	0.037J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:28		
<b>Surrogates</b>									
o-Terphenyl (S)	79	%	46-129		1	12/12/24 12:34	12/13/24 07:28	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 19:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:01	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:01	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 19:01	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 19:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 19:01	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:01	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 19:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 19:01	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 19:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 19:01	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 19:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 19:01	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:01	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:01	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 19:01	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 19:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 19:01	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 19:01	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:01	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:01	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 19:01	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 19:01	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:01	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 19:01	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 19:01	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 19:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 19:01	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 19:01	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:01	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:01	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:01	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 19:01	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 19:01	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:01	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 19:01	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-02 Lab ID: 40288688002 Collected: 12/11/24 11:15 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 19:01	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:01	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 19:01	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:01	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 19:01	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:01	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 19:01	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:01	127-18-4	
Toluene	0.35J	ug/L	1.0	0.29	1		12/12/24 19:01	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:01	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 19:01	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 19:01	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 19:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:01	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 19:01	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 19:01	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:01	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 19:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 19:01	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 19:01	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:01	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		12/12/24 19:01	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/12/24 19:01	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/12/24 19:01	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-03 Lab ID: 40288688003 Collected: 12/11/24 11:50 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:35		
TPH - Diesel (C10-C28)	0.10	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:35		
<b>Surrogates</b>									
o-Terphenyl (S)	88	%	46-129		1	12/12/24 12:34	12/13/24 07:35	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 18:27	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:27	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 18:27	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 18:27	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 18:27	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 18:27	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 18:27	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 18:27	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 18:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 18:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 18:27	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 18:27	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 18:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 18:27	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 18:27	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 18:27	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 18:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 18:27	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 18:27	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 18:27	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:27	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 18:27	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 18:27	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:27	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 18:27	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 18:27	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 18:27	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 18:27	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 18:27	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:27	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 18:27	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 18:27	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 18:27	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 18:27	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 18:27	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 18:27	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 18:27	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-03 Lab ID: 40288688003 Collected: 12/11/24 11:50 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 18:27	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 18:27	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 18:27	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 18:27	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 18:27	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:27	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 18:27	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 18:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/12/24 18:27	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 18:27	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 18:27	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 18:27	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 18:27	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 18:27	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 18:27	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 18:27	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 18:27	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 18:27	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 18:27	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 18:27	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 18:27	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 18:27	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		12/12/24 18:27	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/12/24 18:27	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		12/12/24 18:27	2037-26-5	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-04 Lab ID: 40288688004 Collected: 12/11/24 14:05 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.089	0.027	1	12/12/24 12:34	12/13/24 07:43		
TPH - Diesel (C10-C28)	0.062J	mg/L	0.089	0.027	1	12/12/24 12:34	12/13/24 07:43		
<b>Surrogates</b>									
o-Terphenyl (S)	86	%	46-129		1	12/12/24 12:34	12/13/24 07:43	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 19:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:18	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 19:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 19:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 19:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 19:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 19:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 19:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 19:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 19:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 19:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:18	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 19:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 19:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 19:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 19:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 19:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 19:18	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 19:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 19:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 19:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 19:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 19:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 19:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 19:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 19:18	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-04 Lab ID: 40288688004 Collected: 12/11/24 14:05 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 19:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 19:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 19:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:18	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 19:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/12/24 19:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 19:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 19:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 19:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 19:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 19:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 19:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 19:18	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 19:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:18	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/12/24 19:18	2199-69-1	
4-Bromofluorobenzene (S)	94	%	70-130		1		12/12/24 19:18	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/12/24 19:18	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-05 Lab ID: 40288688005 Collected: 12/11/24 14:42 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:51		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:51		
<b>Surrogates</b>									
o-Terphenyl (S)	73	%	46-129		1	12/12/24 12:34	12/13/24 07:51	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 19:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:35	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:35	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 19:35	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 19:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 19:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 19:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 19:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 19:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 19:35	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 19:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 19:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:35	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 19:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 19:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 19:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 19:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 19:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 19:35	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 19:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 19:35	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 19:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 19:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 19:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:35	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:35	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 19:35	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 19:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 19:35	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-05 Lab ID: 40288688005 Collected: 12/11/24 14:42 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 19:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 19:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:35	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 19:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:35	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:35	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 19:35	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/12/24 19:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 19:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 19:35	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 19:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 19:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 19:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 19:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 19:35	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 19:35	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:35	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/12/24 19:35	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		12/12/24 19:35	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		12/12/24 19:35	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-06 Lab ID: 40288688006 Collected: 12/11/24 15:20 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	0.028J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:59		
TPH - Diesel (C10-C28)	0.053J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 07:59		
<b>Surrogates</b>									
o-Terphenyl (S)	74	%	46-129		1	12/12/24 12:34	12/13/24 07:59	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 19:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:52	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:52	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 19:52	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 19:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 19:52	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:52	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 19:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 19:52	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 19:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 19:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 19:52	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 19:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 19:52	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 19:52	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 19:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 19:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 19:52	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 19:52	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:52	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:52	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 19:52	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 19:52	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:52	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 19:52	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 19:52	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 19:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 19:52	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 19:52	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:52	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:52	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:52	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 19:52	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 19:52	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 19:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 19:52	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-06 Lab ID: 40288688006 Collected: 12/11/24 15:20 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 19:52	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:52	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 19:52	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 19:52	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 19:52	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:52	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 19:52	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 19:52	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 19:52	127-18-4	
Toluene	0.51J	ug/L	1.0	0.29	1		12/12/24 19:52	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 19:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 19:52	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 19:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 19:52	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 19:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 19:52	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 19:52	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 19:52	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 19:52	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 19:52	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 19:52	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 19:52	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 19:52	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/12/24 19:52	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/12/24 19:52	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/12/24 19:52	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-07 Lab ID: 40288688007 Collected: 12/11/24 16:05 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	0.045J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 08:07		
TPH - Diesel (C10-C28)	0.061J	mg/L	0.090	0.027	1	12/12/24 12:34	12/13/24 08:07		
<b>Surrogates</b>									
o-Terphenyl (S)	77	%	46-129		1	12/12/24 12:34	12/13/24 08:07	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/12/24 20:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 20:10	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/12/24 20:10	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/12/24 20:10	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/12/24 20:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/12/24 20:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 20:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/12/24 20:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/12/24 20:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/12/24 20:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/12/24 20:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/12/24 20:10	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/12/24 20:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/12/24 20:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 20:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/12/24 20:10	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/12/24 20:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/12/24 20:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/12/24 20:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/12/24 20:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 20:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 20:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/12/24 20:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/12/24 20:10	75-71-8	v2
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 20:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/12/24 20:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/12/24 20:10	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/12/24 20:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/12/24 20:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/12/24 20:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/12/24 20:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/12/24 20:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/12/24 20:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/12/24 20:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/12/24 20:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 20:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/12/24 20:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/12/24 20:10	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Sample: SB-07 Lab ID: 40288688007 Collected: 12/11/24 16:05 Received: 12/12/24 07:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/12/24 20:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/12/24 20:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/12/24 20:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/12/24 20:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/12/24 20:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/12/24 20:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/12/24 20:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/12/24 20:10	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/12/24 20:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/12/24 20:10	127-18-4	
Toluene	0.49J	ug/L	1.0	0.29	1		12/12/24 20:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/12/24 20:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/12/24 20:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/12/24 20:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/12/24 20:10	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/12/24 20:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/12/24 20:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/12/24 20:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/12/24 20:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/12/24 20:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/12/24 20:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/12/24 20:10	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/12/24 20:10	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/12/24 20:10	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		12/12/24 20:10	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		1		12/12/24 20:10	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		12/12/24 20:10	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

QC Batch: 492458

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288688001, 40288688002, 40288688003, 40288688004, 40288688005, 40288688006, 40288688007

METHOD BLANK: 2819177

Matrix: Water

Associated Lab Samples: 40288688001, 40288688002, 40288688003, 40288688004, 40288688005, 40288688006, 40288688007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	12/12/24 14:08	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	12/12/24 14:08	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/12/24 14:08	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	12/12/24 14:08	
1,1-Dichloroethane	ug/L	<0.30	1.0	12/12/24 14:08	
1,1-Dichloroethene	ug/L	<0.58	1.0	12/12/24 14:08	
1,1-Dichloropropene	ug/L	<0.41	1.0	12/12/24 14:08	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	12/12/24 14:08	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	12/12/24 14:08	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/12/24 14:08	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/12/24 14:08	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	12/12/24 14:08	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	12/12/24 14:08	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	12/12/24 14:08	
1,2-Dichloroethane	ug/L	<0.29	1.0	12/12/24 14:08	
1,2-Dichloropropane	ug/L	<0.45	1.0	12/12/24 14:08	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/12/24 14:08	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	12/12/24 14:08	
1,3-Dichloropropane	ug/L	<0.30	1.0	12/12/24 14:08	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	12/12/24 14:08	
2,2-Dichloropropane	ug/L	<0.42	1.0	12/12/24 14:08	
2-Chlorotoluene	ug/L	<0.89	5.0	12/12/24 14:08	
4-Chlorotoluene	ug/L	<0.89	5.0	12/12/24 14:08	
Benzene	ug/L	<0.30	1.0	12/12/24 14:08	
Bromobenzene	ug/L	<0.36	1.0	12/12/24 14:08	
Bromochloromethane	ug/L	<0.36	1.0	12/12/24 14:08	
Bromodichloromethane	ug/L	<0.21	1.0	12/12/24 14:08	
Bromoform	ug/L	<0.43	1.0	12/12/24 14:08	
Bromomethane	ug/L	<1.2	5.0	12/12/24 14:08	
Carbon tetrachloride	ug/L	<0.37	1.0	12/12/24 14:08	
Chlorobenzene	ug/L	<0.86	1.0	12/12/24 14:08	
Chloroethane	ug/L	<1.4	5.0	12/12/24 14:08	
Chloroform	ug/L	<0.50	5.0	12/12/24 14:08	
Chloromethane	ug/L	<1.6	5.0	12/12/24 14:08	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	12/12/24 14:08	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	12/12/24 14:08	
Dibromochloromethane	ug/L	<2.6	5.0	12/12/24 14:08	
Dibromomethane	ug/L	<0.99	5.0	12/12/24 14:08	
Dichlorodifluoromethane	ug/L	<0.46	5.0	12/12/24 14:08	v2
Diisopropyl ether	ug/L	<1.1	5.0	12/12/24 14:08	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

METHOD BLANK: 2819177

Matrix: Water

Associated Lab Samples: 40288688001, 40288688002, 40288688003, 40288688004, 40288688005, 40288688006, 40288688007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	12/12/24 14:08	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	12/12/24 14:08	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	12/12/24 14:08	
m&p-Xylene	ug/L	<0.70	2.0	12/12/24 14:08	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/12/24 14:08	
Methylene Chloride	ug/L	<0.32	5.0	12/12/24 14:08	
n-Butylbenzene	ug/L	<0.86	1.0	12/12/24 14:08	
n-Propylbenzene	ug/L	<0.35	1.0	12/12/24 14:08	
Naphthalene	ug/L	<1.9	5.0	12/12/24 14:08	
o-Xylene	ug/L	<0.35	1.0	12/12/24 14:08	
p-Isopropyltoluene	ug/L	<1.0	5.0	12/12/24 14:08	
sec-Butylbenzene	ug/L	<0.42	1.0	12/12/24 14:08	
Styrene	ug/L	<0.36	1.0	12/12/24 14:08	
tert-Butylbenzene	ug/L	<0.59	1.0	12/12/24 14:08	
Tetrachloroethene	ug/L	<0.41	1.0	12/12/24 14:08	
Toluene	ug/L	<0.29	1.0	12/12/24 14:08	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	12/12/24 14:08	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	12/12/24 14:08	
Trichloroethene	ug/L	<0.32	1.0	12/12/24 14:08	
Trichlorofluoromethane	ug/L	<0.42	1.0	12/12/24 14:08	
Vinyl chloride	ug/L	<0.17	1.0	12/12/24 14:08	
Xylene (Total)	ug/L	<1.0	3.0	12/12/24 14:08	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	12/12/24 14:08	
4-Bromofluorobenzene (S)	%	99	70-130	12/12/24 14:08	
Toluene-d8 (S)	%	113	70-130	12/12/24 14:08	

LABORATORY CONTROL SAMPLE: 2819178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	54.9	110	70-130	
1,1,2-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1-Dichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethene	ug/L	50	47.1	94	66-130	
1,2,4-Trichlorobenzene	ug/L	50	49.8	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.1	98	66-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	52.8	106	70-130	
1,2-Dichloroethane	ug/L	50	50.5	101	70-130	
1,2-Dichloropropane	ug/L	50	54.6	109	70-130	
1,3-Dichlorobenzene	ug/L	50	52.8	106	70-130	
1,4-Dichlorobenzene	ug/L	50	54.3	109	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

LABORATORY CONTROL SAMPLE: 2819178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	49.4	99	61-130	
Bromomethane	ug/L	50	40.3	81	40-157	
Carbon tetrachloride	ug/L	50	50.0	100	70-139	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	44.9	90	61-145	
Chloroform	ug/L	50	50.9	102	70-130	
Chloromethane	ug/L	50	35.2	70	22-163	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	70-130	
Dibromochloromethane	ug/L	50	52.0	104	70-130	
Dichlorodifluoromethane	ug/L	50	17.8	36	10-185 v3	
Ethylbenzene	ug/L	50	55.8	112	70-130	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-134	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	43.2	86	62-130	
Methylene Chloride	ug/L	50	50.4	101	70-130	
o-Xylene	ug/L	50	56.0	112	70-130	
Styrene	ug/L	50	58.4	117	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	52.4	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.7	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Trichloroethene	ug/L	50	52.6	105	70-130	
Trichlorofluoromethane	ug/L	50	44.4	89	70-149	
Vinyl chloride	ug/L	50	40.7	81	37-145	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2819525 2819526

Parameter	Units	MS 40288687023		MSD		MS 2819525		MSD 2819526		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.2	56.3	102	113	70-136	9	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	46.9	48.9	94	98	70-130	4	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.2	50.9	98	102	70-130	3	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	48.8	53.8	98	108	70-130	10	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	50.7	55.6	101	111	65-131	9	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.2	52.5	100	105	63-130	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	46.2	47.3	92	95	65-130	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50.5	51.7	101	103	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.4	53.9	101	108	70-130	7	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	52.5	55.8	105	112	70-131	6	20		

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Parameter	Units	2819525		2819526		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288687023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,2-Dichloropropane	ug/L	<0.45	50	50	50.0	53.8	100	108	70-130	7	20
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.7	54.5	99	109	70-130	9	20
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.8	55.0	102	110	70-130	8	20
Benzene	ug/L	<0.30	50	50	50.4	55.4	101	111	70-130	9	20
Bromodichloromethane	ug/L	<0.21	50	50	51.2	55.6	102	111	70-130	8	20
Bromoform	ug/L	<0.43	50	50	49.6	49.6	99	99	61-130	0	20
Bromomethane	ug/L	<1.2	50	50	54.0	60.7	108	121	40-170	12	20
Carbon tetrachloride	ug/L	<0.37	50	50	53.4	58.4	107	117	70-141	9	20
Chlorobenzene	ug/L	<0.86	50	50	51.7	54.3	103	109	70-130	5	20
Chloroethane	ug/L	<1.4	50	50	53.0	57.0	106	114	59-148	7	20
Chloroform	ug/L	<0.50	50	50	50.1	55.4	100	111	70-130	10	20
Chloromethane	ug/L	<1.6	50	50	60.1	66.0	120	132	19-170	9	20
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.7	54.3	101	109	70-130	7	20
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	51.0	54.2	102	108	70-130	6	20
Dibromochloromethane	ug/L	<2.6	50	50	50.2	52.0	100	104	70-130	4	20
Dichlorodifluoromethane	ug/L	<0.46	50	50	67.4	74.2	135	148	10-190	10	20 v3
Ethylbenzene	ug/L	<0.33	50	50	53.2	56.4	106	113	70-130	6	20
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	49.5	53.1	99	106	70-137	7	20
m&p-Xylene	ug/L	<0.70	100	100	106	112	106	112	70-130	6	20
Methyl-tert-butyl ether	ug/L	<1.1	50	50	44.4	45.7	89	91	62-130	3	20
Methylene Chloride	ug/L	<0.32	50	50	50.0	54.2	100	108	70-133	8	20
o-Xylene	ug/L	<0.35	50	50	53.3	56.7	107	113	70-130	6	20
Styrene	ug/L	<0.36	50	50	55.2	58.0	110	116	70-130	5	20
Tetrachloroethene	ug/L	<0.41	50	50	51.3	54.9	103	110	70-130	7	20
Toluene	ug/L	<0.29	50	50	50.7	53.5	101	107	70-130	5	20
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.6	57.0	103	114	70-133	10	20
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	45.8	47.8	92	96	68-130	4	20
Trichloroethene	ug/L	<0.32	50	50	51.8	56.0	104	112	70-130	8	20
Trichlorofluoromethane	ug/L	<0.42	50	50	55.3	60.1	111	120	65-153	8	20
Vinyl chloride	ug/L	<0.17	50	50	58.1	63.0	116	126	37-150	8	20
Xylene (Total)	ug/L	<1.0	150	150	159	169	106	113	70-130	6	20
1,2-Dichlorobenzene-d4 (S)	%						100	101	70-130		
4-Bromofluorobenzene (S)	%						100	98	70-130		
Toluene-d8 (S)	%						99	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**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

QC Batch:	492521	Analysis Method:	EPA 8015C Modified
QC Batch Method:	EPA 3510	Analysis Description:	8015C GCS
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40288688001, 40288688002, 40288688003, 40288688004, 40288688005, 40288688006, 40288688007

METHOD BLANK: 2819449 Matrix: Water

Associated Lab Samples: 40288688001, 40288688002, 40288688003, 40288688004, 40288688005, 40288688006, 40288688007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C28-C36)	mg/L	<0.028	0.095	12/13/24 05:59	
TPH - Diesel (C10-C28)	mg/L	<0.028	0.095	12/13/24 05:59	
o-Terphenyl (S)	%	85	46-129	12/13/24 05:59	

Parameter	Units	2819450		2819451		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCSD Result				
TPH (C28-C36)	mg/L		<0.028	<0.028				20	
TPH - Diesel (C10-C28)	mg/L	0.5	0.46	0.40	92	80	61-120	14	20
o-Terphenyl (S)	%				107	90	46-129		

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

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 492547

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

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

### ANALYTE QUALIFIERS

v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288688

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288688001	SB-01	EPA 3510	492521	EPA 8015C Modified	492547
40288688002	SB-02	EPA 3510	492521	EPA 8015C Modified	492547
40288688003	SB-03	EPA 3510	492521	EPA 8015C Modified	492547
40288688004	SB-04	EPA 3510	492521	EPA 8015C Modified	492547
40288688005	SB-05	EPA 3510	492521	EPA 8015C Modified	492547
40288688006	SB-06	EPA 3510	492521	EPA 8015C Modified	492547
40288688007	SB-07	EPA 3510	492521	EPA 8015C Modified	492547
40288688001	SB-01	EPA 8260	492458		
40288688002	SB-02	EPA 8260	492458		
40288688003	SB-03	EPA 8260	492458		
40288688004	SB-04	EPA 8260	492458		
40288688005	SB-05	EPA 8260	492458		
40288688006	SB-06	EPA 8260	492458		
40288688007	SB-07	EPA 8260	492458		

### REPORT OF LABORATORY ANALYSIS

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**Pace** Location Requested (City/State):  
Pace Analytical Green Bay  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

40285688

Scan QR Code for instructions

Company Name: GEI - Madison, WI  
Contact/Report To: Brad DaSanto  
Street Address: 1600 Aspen Commons  
Suite 680  
Middleton, WI 53562  
Phone #: (815)289-3895  
E-Mail: bdalsanto@geiconsultants.com  
Cc E-Mail: CGraeber@geiconsultants.com

Customer Project #: 2408314  
Project Name: Cambridge Station Release  
Invoice To: Accounts Payable  
Invoice E-Mail: geipayables@geiconsultants.com

Site Collection Info/Facility ID (as applicable):  
Purchase Order # (if applicable):  
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET  
County / State origin of sample(s): Wisconsin

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV  
[ ] EQUIS  
[X] Other Standard

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No  
Rush (Pre-approval required):  
[X] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other \_\_\_\_\_  
Date Results Requested: Friday 12/13/24  
Field Filtered (if applicable): [ ] Yes [ ] No

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		8015C TPH DAO, ORO	8260 VOCs	8015C TPH DAO, ORO	8260 VOCs	Preservation non-conformance identified for sample.
			Date	Time	Date	Time		Results	Units					
SB-01	GW	G			12-11-24	0830	5			X	X			001
SB-02						1115								002
SB-03						1150								003
SB-04						1405								004
SB-05						1442								005
SB-06						1520								006
SB-07						1605								007

Additional Instructions from Pace®:  
Collected By: (Printed Name) Brad DaSanto (BJD)  
Signature: BJD  
Customer Remarks / Special Conditions / Possible Hazards:  
# Coolers: 2 Thermometer ID: 9 Correction Factor (°C): 0.5 Obs. Temp. (°C): 0.0, 0.0, 0.5, 0.5 On Ice: Y

Relinquished by/Company: (Signature) GEI Date/Time: 12-11-2024 16:23 Received by/Company: (Signature) [Signature] Date/Time: 16:23 12-11-24 Tracking Number:  
Relinquished by/Company: (Signature) CS Logistics Date/Time: 12/13/24 0905 Received by/Company: (Signature) Ken Staub-Pace Date/Time: 12/13/24 0905 Delivered by: [ ] In-Person [ ] Courier  
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: [ ] FedEx [ ] UPS [X] Other  
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Page: 1 of 1

**Sample Preservation Receipt Form**

Client Name: GEI

Project # 4028658

All containers needing preservation have been checked and noted below:  
 Lab Lot# of pH paper:

Yes  No  N/A

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

Initial when completed:

Date/Time:

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

Sample Condition Upon Receipt Form (SCUR)

Project #

Client Name: GEI

WO#: **40288688**

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



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

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 9 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0.0; 0.0 Corr: 0.5; 0.5

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

Person examining contents:  
 Date: 12/12/24 Initials: KKS  
 Labeled By Initials: MJK

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No preservative type. 12/12/24 KKS</u>
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>1 Day TAT. Friday 12/13/24. 12/12/24 KKS</u>
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace	9.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>GW</u>	12.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

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

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

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





December 17, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288782

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 13, 2024. 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,

Christopher Hyska  
christopher.hyska@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288782001	SB-08	Water	12/12/24 09:57	12/13/24 08:30
40288782002	SB-09	Water	12/12/24 10:50	12/13/24 08:30
40288782003	SB-10	Water	12/12/24 11:33	12/13/24 08:30
40288782004	SB-11	Water	12/12/24 12:14	12/13/24 08:30
40288782005	SB-12	Water	12/12/24 13:12	12/13/24 08:30
40288782006	SB-13	Water	12/12/24 15:02	12/13/24 08:30
40288782007	SB-14	Water	12/12/24 15:49	12/13/24 08:30

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288782001	SB-08	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782002	SB-09	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782003	SB-10	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782004	SB-11	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782005	SB-12	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782006	SB-13	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288782007	SB-14	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288782002</b>	<b>SB-09</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.031J	mg/L	0.091	12/17/24 06:23	
EPA 8260	Chloroform	1.1J	ug/L	5.0	12/16/24 16:04	
<b>40288782004</b>	<b>SB-11</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.037J	mg/L	0.090	12/17/24 06:38	
<b>40288782005</b>	<b>SB-12</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.031J	mg/L	0.091	12/17/24 06:46	
<b>40288782006</b>	<b>SB-13</b>					
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.070J	mg/L	0.090	12/17/24 06:54	
<b>40288782007</b>	<b>SB-14</b>					
EPA 8015C Modified	TPH (C28-C36)	0.24	mg/L	0.090	12/17/24 07:02	
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.60	mg/L	0.090	12/17/24 07:02	
EPA 8260	Benzene	9.8	ug/L	1.0	12/16/24 17:36	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-08 Lab ID: 40288782001 Collected: 12/12/24 09:57 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:15		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:15		
<b>Surrogates</b>									
o-Terphenyl (S)	74	%	46-129		1	12/16/24 08:19	12/17/24 06:15	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 15:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 15:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 15:46	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 15:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 15:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 15:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 15:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 15:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 15:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 15:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 15:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 15:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 15:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 15:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 15:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 15:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 15:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 15:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 15:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 15:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 15:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 15:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 15:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 15:46	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 15:46	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 15:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 15:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 15:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 15:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 15:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 15:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 15:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 15:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 15:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 15:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 15:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 15:46	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-08 Lab ID: 40288782001 Collected: 12/12/24 09:57 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 15:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 15:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 15:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 15:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 15:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 15:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 15:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 15:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 15:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 15:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 15:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 15:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 15:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 15:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 15:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 15:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 15:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 15:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 15:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 15:46	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 15:46	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 15:46	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		12/16/24 15:46	2199-69-1	
4-Bromofluorobenzene (S)	97	%	70-130		1		12/16/24 15:46	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		12/16/24 15:46	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-09 Lab ID: 40288782002 Collected: 12/12/24 10:50 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>		Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510 Pace Analytical Services - Green Bay							
TPH (C28-C36)	<0.027	mg/L	0.091	0.027	1	12/16/24 08:19	12/17/24 06:23		
TPH - Diesel (C10-C28)	0.031J	mg/L	0.091	0.027	1	12/16/24 08:19	12/17/24 06:23		
<b>Surrogates</b>									
o-Terphenyl (S)	68	%	46-129		1	12/16/24 08:19	12/17/24 06:23	84-15-1	
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 16:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:04	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 16:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 16:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 16:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 16:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 16:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 16:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 16:04	75-00-3	
Chloroform	1.1J	ug/L	5.0	0.50	1		12/16/24 16:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 16:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:04	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 16:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 16:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 16:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 16:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 16:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 16:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 16:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 16:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 16:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 16:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 16:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 16:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 16:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 16:04	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-09 Lab ID: 40288782002 Collected: 12/12/24 10:50 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 16:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 16:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:04	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 16:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:04	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 16:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 16:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 16:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 16:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 16:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 16:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 16:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 16:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 16:04	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 16:04	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:04	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/16/24 16:04	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		12/16/24 16:04	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		12/16/24 16:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-10 Lab ID: 40288782003 Collected: 12/12/24 11:33 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>		Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510 Pace Analytical Services - Green Bay							
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:30		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:30		
<b>Surrogates</b>									
o-Terphenyl (S)	45	%	46-129		1	12/16/24 08:19	12/17/24 06:30	84-15-1	S0
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 16:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:22	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:22	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 16:22	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 16:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 16:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 16:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 16:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 16:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 16:22	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 16:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 16:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:22	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 16:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 16:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 16:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 16:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 16:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 16:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 16:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 16:22	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 16:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 16:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 16:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:22	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:22	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 16:22	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 16:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 16:22	87-68-3	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-10 Lab ID: 40288782003 Collected: 12/12/24 11:33 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 16:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 16:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:22	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 16:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:22	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 16:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 16:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 16:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 16:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 16:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 16:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 16:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:22	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 16:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 16:22	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 16:22	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:22	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		12/16/24 16:22	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/16/24 16:22	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		12/16/24 16:22	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-11 Lab ID: 40288782004 Collected: 12/12/24 12:14 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:38		
TPH - Diesel (C10-C28)	0.037J	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:38		
<b>Surrogates</b>									
o-Terphenyl (S)	71	%	46-129		1	12/16/24 08:19	12/17/24 06:38	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 16:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:41	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 16:41	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 16:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 16:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 16:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 16:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 16:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 16:41	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 16:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 16:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 16:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 16:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 16:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 16:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 16:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 16:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 16:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 16:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 16:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 16:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 16:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:41	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:41	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 16:41	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 16:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 16:41	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-11 Lab ID: 40288782004 Collected: 12/12/24 12:14 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 16:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 16:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:41	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 16:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 16:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 16:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 16:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 16:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 16:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 16:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 16:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 16:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 16:41	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 16:41	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:41	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/16/24 16:41	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		12/16/24 16:41	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		12/16/24 16:41	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-12 Lab ID: 40288782005 Collected: 12/12/24 13:12 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.091	0.027	1	12/16/24 08:19	12/17/24 06:46		
TPH - Diesel (C10-C28)	0.031J	mg/L	0.091	0.027	1	12/16/24 08:19	12/17/24 06:46		
<b>Surrogates</b>									
o-Terphenyl (S)	54	%	46-129		1	12/16/24 08:19	12/17/24 06:46	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 16:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:59	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 16:59	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 16:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 16:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 16:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 16:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 16:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 16:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 16:59	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 16:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 16:59	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 16:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 16:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 16:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 16:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 16:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 16:59	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:59	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 16:59	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 16:59	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 16:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 16:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 16:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:59	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:59	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 16:59	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 16:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 16:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 16:59	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-12 Lab ID: 40288782005 Collected: 12/12/24 13:12 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 16:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 16:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 16:59	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 16:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 16:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 16:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 16:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 16:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 16:59	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 16:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 16:59	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 16:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 16:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 16:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 16:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 16:59	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 16:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 16:59	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 16:59	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 16:59	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		12/16/24 16:59	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		12/16/24 16:59	460-00-4	
Toluene-d8 (S)	95	%	70-130		1		12/16/24 16:59	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-13 Lab ID: 40288782006 Collected: 12/12/24 15:02 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:54		
TPH - Diesel (C10-C28)	0.070J	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 06:54		
<b>Surrogates</b>									
o-Terphenyl (S)	94	%	46-129		1	12/16/24 08:19	12/17/24 06:54	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 17:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:18	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 17:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 17:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 17:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 17:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 17:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 17:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 17:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 17:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 17:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:18	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 17:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 17:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 17:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 17:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 17:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 17:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 17:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 17:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 17:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 17:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 17:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 17:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 17:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 17:18	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-13 Lab ID: 40288782006 Collected: 12/12/24 15:02 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 17:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 17:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 17:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:18	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 17:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 17:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 17:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 17:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 17:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 17:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 17:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 17:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 17:18	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 17:18	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:18	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/16/24 17:18	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		12/16/24 17:18	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/16/24 17:18	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-14 Lab ID: 40288782007 Collected: 12/12/24 15:49 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	0.24	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 07:02		
TPH - Diesel (C10-C28)	0.60	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 07:02		
<b>Surrogates</b>									
o-Terphenyl (S)	99	%	46-129		1	12/16/24 08:19	12/17/24 07:02	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	9.8	ug/L	1.0	0.30	1		12/16/24 17:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:36	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:36	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 17:36	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 17:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 17:36	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:36	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 17:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 17:36	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 17:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 17:36	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 17:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 17:36	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:36	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 17:36	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 17:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 17:36	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 17:36	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:36	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:36	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 17:36	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 17:36	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:36	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 17:36	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 17:36	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 17:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 17:36	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 17:36	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:36	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:36	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:36	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 17:36	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 17:36	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:36	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 17:36	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Sample: SB-14 Lab ID: 40288782007 Collected: 12/12/24 15:49 Received: 12/13/24 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 17:36	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:36	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 17:36	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:36	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 17:36	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:36	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 17:36	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:36	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 17:36	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:36	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 17:36	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 17:36	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 17:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:36	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 17:36	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 17:36	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:36	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 17:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 17:36	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 17:36	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:36	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/16/24 17:36	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		12/16/24 17:36	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		12/16/24 17:36	2037-26-5	

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

QC Batch: 492738

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288782001, 40288782002, 40288782003, 40288782004, 40288782005, 40288782006, 40288782007

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288782001, 40288782002, 40288782003, 40288782004, 40288782005, 40288782006, 40288782007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	12/16/24 13:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/16/24 13:37	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	12/16/24 13:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	12/16/24 13:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	12/16/24 13:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	12/16/24 13:37	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	12/16/24 13:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/16/24 13:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/16/24 13:37	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	12/16/24 13:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	12/16/24 13:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	12/16/24 13:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	12/16/24 13:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	12/16/24 13:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/16/24 13:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	12/16/24 13:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	12/16/24 13:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	12/16/24 13:37	
2,2-Dichloropropane	ug/L	<0.42	1.0	12/16/24 13:37	
2-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
4-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
Benzene	ug/L	<0.30	1.0	12/16/24 13:37	
Bromobenzene	ug/L	<0.36	1.0	12/16/24 13:37	
Bromochloromethane	ug/L	<0.36	1.0	12/16/24 13:37	
Bromodichloromethane	ug/L	<0.21	1.0	12/16/24 13:37	
Bromoform	ug/L	<0.43	1.0	12/16/24 13:37	
Bromomethane	ug/L	<1.2	5.0	12/16/24 13:37	
Carbon tetrachloride	ug/L	<0.37	1.0	12/16/24 13:37	
Chlorobenzene	ug/L	<0.86	1.0	12/16/24 13:37	
Chloroethane	ug/L	<1.4	5.0	12/16/24 13:37	
Chloroform	ug/L	<0.50	5.0	12/16/24 13:37	
Chloromethane	ug/L	<1.6	5.0	12/16/24 13:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	12/16/24 13:37	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	12/16/24 13:37	
Dibromochloromethane	ug/L	<2.6	5.0	12/16/24 13:37	
Dibromomethane	ug/L	<0.99	5.0	12/16/24 13:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	12/16/24 13:37	
Diisopropyl ether	ug/L	<1.1	5.0	12/16/24 13:37	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288782001, 40288782002, 40288782003, 40288782004, 40288782005, 40288782006, 40288782007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	12/16/24 13:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	12/16/24 13:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	12/16/24 13:37	
m&p-Xylene	ug/L	<0.70	2.0	12/16/24 13:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/16/24 13:37	
Methylene Chloride	ug/L	<0.32	5.0	12/16/24 13:37	
n-Butylbenzene	ug/L	<0.86	1.0	12/16/24 13:37	
n-Propylbenzene	ug/L	<0.35	1.0	12/16/24 13:37	
Naphthalene	ug/L	<1.9	5.0	12/16/24 13:37	
o-Xylene	ug/L	<0.35	1.0	12/16/24 13:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	12/16/24 13:37	
sec-Butylbenzene	ug/L	<0.42	1.0	12/16/24 13:37	
Styrene	ug/L	<0.36	1.0	12/16/24 13:37	
tert-Butylbenzene	ug/L	<0.59	1.0	12/16/24 13:37	
Tetrachloroethene	ug/L	<0.41	1.0	12/16/24 13:37	
Toluene	ug/L	<0.29	1.0	12/16/24 13:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	12/16/24 13:37	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	12/16/24 13:37	
Trichloroethene	ug/L	<0.32	1.0	12/16/24 13:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	12/16/24 13:37	
Vinyl chloride	ug/L	<0.17	1.0	12/16/24 13:37	
Xylene (Total)	ug/L	<1.0	3.0	12/16/24 13:37	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	12/16/24 13:37	
4-Bromofluorobenzene (S)	%	99	70-130	12/16/24 13:37	
Toluene-d8 (S)	%	98	70-130	12/16/24 13:37	

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	70-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	66-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	66-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	53.3	107	70-130	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.9	96	61-130	
Bromomethane	ug/L	50	41.6	83	40-157	
Carbon tetrachloride	ug/L	50	58.6	117	70-139	
Chlorobenzene	ug/L	50	54.8	110	70-130	
Chloroethane	ug/L	50	52.1	104	61-145	
Chloroform	ug/L	50	52.0	104	70-130	
Chloromethane	ug/L	50	50.2	100	22-163	
cis-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	55.6	111	10-185	
Ethylbenzene	ug/L	50	55.0	110	70-130	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	70-134	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	50.0	100	62-130	
Methylene Chloride	ug/L	50	53.1	106	70-130	
o-Xylene	ug/L	50	56.9	114	70-130	
Styrene	ug/L	50	57.7	115	70-130	
Tetrachloroethene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	70-130	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	70-149	
Vinyl chloride	ug/L	50	61.3	123	37-145	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2821000 2821001

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288678011	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.1	58.8	114	118	70-136	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.5	54.4	105	109	70-130	3	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	50.7	101	101	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.9	54.9	108	110	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	57.9	114	116	65-131	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.0	47.4	90	95	63-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	48.7	49.5	97	99	65-130	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	52.2	51.8	104	104	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.6	52.4	103	105	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.5	52.7	109	105	70-131	3	20		

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Parameter	Units	2821000			2821001			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40288678011	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloropropane	ug/L	<0.45	50	50	54.1	55.5	108	111	70-130	2	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.5	52.5	103	105	70-130	2	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.3	54.4	105	109	70-130	4	20			
Benzene	ug/L	<0.30	50	50	55.0	55.4	110	111	70-130	1	20			
Bromodichloromethane	ug/L	<0.21	50	50	54.6	56.1	109	112	70-130	3	20			
Bromoform	ug/L	<0.43	50	50	50.7	50.3	101	101	61-130	1	20			
Bromomethane	ug/L	<1.2	50	50	47.6	48.8	95	98	40-170	2	20			
Carbon tetrachloride	ug/L	<0.37	50	50	59.5	61.5	119	123	70-141	3	20			
Chlorobenzene	ug/L	<0.86	50	50	53.8	54.5	108	109	70-130	1	20			
Chloroethane	ug/L	<1.4	50	50	56.7	52.7	113	105	59-148	7	20			
Chloroform	ug/L	<0.50	50	50	53.5	53.9	107	108	70-130	1	20			
Chloromethane	ug/L	<1.6	50	50	50.9	52.3	102	105	19-170	3	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.7	54.0	107	108	70-130	0	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.8	55.6	106	111	70-130	5	20			
Dibromochloromethane	ug/L	<2.6	50	50	56.5	57.2	113	114	70-130	1	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	55.8	55.0	112	110	10-190	1	20			
Ethylbenzene	ug/L	<0.33	50	50	55.6	55.5	111	111	70-130	0	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.8	55.6	110	111	70-137	1	20			
m&p-Xylene	ug/L	<0.70	100	100	115	117	115	117	70-130	2	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.9	53.4	98	107	62-130	9	20			
Methylene Chloride	ug/L	<0.32	50	50	53.9	55.1	108	110	70-133	2	20			
o-Xylene	ug/L	<0.35	50	50	58.5	58.7	117	117	70-130	0	20			
Styrene	ug/L	<0.36	50	50	59.4	60.1	119	120	70-130	1	20			
Tetrachloroethene	ug/L	0.43J	50	50	57.1	56.9	113	113	70-130	0	20			
Toluene	ug/L	<0.29	50	50	53.3	53.5	107	107	70-130	0	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.4	56.7	115	113	70-133	1	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	52.0	52.7	104	105	68-130	1	20			
Trichloroethene	ug/L	<0.32	50	50	55.0	56.6	110	113	70-130	3	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	64.0	63.4	128	127	65-153	1	20			
Vinyl chloride	ug/L	<0.17	50	50	60.4	62.8	121	126	37-150	4	20			
Xylene (Total)	ug/L	<1.0	150	150	173	176	116	117	70-130	1	20			
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130					
4-Bromofluorobenzene (S)	%						98	100	70-130					
Toluene-d8 (S)	%						98	97	70-130					

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

QC Batch:	492715	Analysis Method:	EPA 8015C Modified
QC Batch Method:	EPA 3510	Analysis Description:	8015C GCS
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40288782001, 40288782002, 40288782003, 40288782004, 40288782005, 40288782006, 40288782007		

METHOD BLANK: 2820799 Matrix: Water  
 Associated Lab Samples: 40288782001, 40288782002, 40288782003, 40288782004, 40288782005, 40288782006, 40288782007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C28-C36)	mg/L	<0.028	0.095	12/17/24 05:51	
TPH - Diesel (C10-C28)	mg/L	<0.028	0.095	12/17/24 05:51	
o-Terphenyl (S)	%	69	46-129	12/17/24 05:51	

Parameter	Units	2820800		2820801			% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCSD Result	% Rec				
TPH (C28-C36)	mg/L		<0.028	<0.028					20	
TPH - Diesel (C10-C28)	mg/L	0.5	0.36	0.28	71	55	61-120	25	20	L0,R1
o-Terphenyl (S)	%				83	66	46-129			

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 492782

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

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

### ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288782

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288782001	SB-08	EPA 3510	492715	EPA 8015C Modified	492782
40288782002	SB-09	EPA 3510	492715	EPA 8015C Modified	492782
40288782003	SB-10	EPA 3510	492715	EPA 8015C Modified	492782
40288782004	SB-11	EPA 3510	492715	EPA 8015C Modified	492782
40288782005	SB-12	EPA 3510	492715	EPA 8015C Modified	492782
40288782006	SB-13	EPA 3510	492715	EPA 8015C Modified	492782
40288782007	SB-14	EPA 3510	492715	EPA 8015C Modified	492782
40288782001	SB-08	EPA 8260	492738		
40288782002	SB-09	EPA 8260	492738		
40288782003	SB-10	EPA 8260	492738		
40288782004	SB-11	EPA 8260	492738		
40288782005	SB-12	EPA 8260	492738		
40288782006	SB-13	EPA 8260	492738		
40288782007	SB-14	EPA 8260	492738		

### REPORT OF LABORATORY ANALYSIS

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

Project #:

Client Name: GEI

WO#: **40288782**



40288782

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

Tracking #: N/A

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 - 10 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0-0/00 Corr: 0-0/00

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

Person examining contents:  
 Date: 12/13/24 Initials: JA  
 Labeled By Initials: JK

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>preservation</u> <u>JA</u> <u>12/13/24</u>
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Correct Type: Pace <u>Green</u> Bay, Pace IR, Non-Pace	9.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>W</u>	12.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Pace Trip Blank Lot # (if purchased): _____	13.

**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



December 17, 2024

Brad DalSanto  
GEI Consultants  
1600 Aspen Commons  
Suite 680  
Middleton, WI 53562

RE: Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288844

Dear Brad DalSanto:

Enclosed are the analytical results for sample(s) received by the laboratory on December 14, 2024. 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,

Christopher Hyska  
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(920)469-2436  
Project Manager

Enclosures

cc: Caitlin Graeber, GEI Consultants  
Ken Kytta, GEI Consultants



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

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

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### SAMPLE SUMMARY

Project: 2408314 Cambridge Station Rel  
Pace Project No.: 40288844

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40288844001	SB-16	Water	12/13/24 09:51	12/14/24 08:40
40288844002	SB-17	Water	12/13/24 10:17	12/14/24 08:40
40288844003	SB-20	Water	12/13/24 12:50	12/14/24 08:40
40288844004	SB-21	Water	12/13/24 13:20	12/14/24 08:40
40288844005	SB-15	Water	12/13/24 14:15	12/14/24 08:40

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### SAMPLE ANALYTE COUNT

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40288844001	SB-16	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288844002	SB-17	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288844003	SB-20	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288844004	SB-21	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G
40288844005	SB-15	EPA 8015C Modified	MRN	3	PASI-G
		EPA 8260	CXJ	65	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40288844001</b>	<b>SB-16</b>					
EPA 8015C Modified	TPH (C28-C36)	0.088J	mg/L	0.090	12/17/24 07:10	
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.65	mg/L	0.090	12/17/24 07:10	
<b>40288844002</b>	<b>SB-17</b>					
EPA 8015C Modified	TPH (C28-C36)	2.1	mg/L	1.8	12/17/24 08:16	
EPA 8015C Modified	TPH - Diesel (C10-C28)	7.6	mg/L	1.8	12/17/24 08:16	
<b>40288844003</b>	<b>SB-20</b>					
EPA 8015C Modified	TPH (C28-C36)	0.054J	mg/L	0.096	12/17/24 08:00	
EPA 8015C Modified	TPH - Diesel (C10-C28)	0.041J	mg/L	0.096	12/17/24 08:00	
EPA 8260	Chloromethane	1.8J	ug/L	5.0	12/16/24 18:13	
EPA 8260	Toluene	0.64J	ug/L	1.0	12/16/24 18:13	
<b>40288844004</b>	<b>SB-21</b>					
EPA 8015C Modified	TPH (C28-C36)	46.5	mg/L	46.2	12/17/24 08:24	
EPA 8015C Modified	TPH - Diesel (C10-C28)	244	mg/L	46.2	12/17/24 08:24	
EPA 8260	Benzene	8.3	ug/L	2.5	12/17/24 10:28	
EPA 8260	sec-Butylbenzene	6.6	ug/L	2.5	12/17/24 10:28	
EPA 8260	Ethylbenzene	2.2J	ug/L	2.5	12/17/24 10:28	
EPA 8260	Isopropylbenzene (Cumene)	24.7	ug/L	12.5	12/17/24 10:28	
EPA 8260	Naphthalene	39.5	ug/L	12.5	12/17/24 10:28	
EPA 8260	n-Propylbenzene	36.5	ug/L	2.5	12/17/24 10:28	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-16 Lab ID: 40288844001 Collected: 12/13/24 09:51 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	0.088J	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 07:10		
TPH - Diesel (C10-C28)	0.65	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 07:10		
<b>Surrogates</b>									
o-Terphenyl (S)	93	%	46-129		1	12/16/24 08:19	12/17/24 07:10	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 17:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:54	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 17:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 17:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 17:54	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:54	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 17:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 17:54	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 17:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 17:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 17:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 17:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 17:54	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 17:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 17:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 17:54	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 17:54	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:54	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:54	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 17:54	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 17:54	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:54	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 17:54	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 17:54	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 17:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 17:54	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 17:54	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:54	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:54	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:54	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 17:54	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 17:54	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 17:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 17:54	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-16 Lab ID: 40288844001 Collected: 12/13/24 09:51 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 17:54	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:54	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 17:54	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 17:54	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 17:54	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:54	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 17:54	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 17:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 17:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 17:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 17:54	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 17:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 17:54	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 17:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 17:54	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 17:54	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 17:54	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 17:54	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 17:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 17:54	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 17:54	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 17:54	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		12/16/24 17:54	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		12/16/24 17:54	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		12/16/24 17:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-17 Lab ID: 40288844002 Collected: 12/13/24 10:17 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	2.1	mg/L	1.8	0.54	20	12/16/24 08:19	12/17/24 08:16		
TPH - Diesel (C10-C28)	7.6	mg/L	1.8	0.54	20	12/16/24 08:19	12/17/24 08:16		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	46-129		20	12/16/24 08:19	12/17/24 08:16	84-15-1	S4
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/17/24 10:09	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/17/24 10:09	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/17/24 10:09	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/17/24 10:09	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/17/24 10:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/17/24 10:09	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/17/24 10:09	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/17/24 10:09	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/17/24 10:09	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/17/24 10:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/17/24 10:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/17/24 10:09	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/17/24 10:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/17/24 10:09	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/17/24 10:09	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/17/24 10:09	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/17/24 10:09	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/17/24 10:09	124-48-1	v1
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/17/24 10:09	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/17/24 10:09	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/17/24 10:09	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/17/24 10:09	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/17/24 10:09	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/17/24 10:09	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/17/24 10:09	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/17/24 10:09	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/17/24 10:09	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/17/24 10:09	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/17/24 10:09	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/17/24 10:09	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/17/24 10:09	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/17/24 10:09	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/17/24 10:09	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/17/24 10:09	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/17/24 10:09	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/17/24 10:09	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/17/24 10:09	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/17/24 10:09	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-17 Lab ID: 40288844002 Collected: 12/13/24 10:17 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/17/24 10:09	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/17/24 10:09	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/17/24 10:09	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/17/24 10:09	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/17/24 10:09	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/17/24 10:09	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/17/24 10:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/17/24 10:09	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/17/24 10:09	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/17/24 10:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/17/24 10:09	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/17/24 10:09	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/17/24 10:09	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/17/24 10:09	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/17/24 10:09	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/17/24 10:09	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/17/24 10:09	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/17/24 10:09	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/17/24 10:09	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/17/24 10:09	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/17/24 10:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/17/24 10:09	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/17/24 10:09	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/17/24 10:09	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		12/17/24 10:09	2199-69-1	
4-Bromofluorobenzene (S)	95	%	70-130		1		12/17/24 10:09	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		12/17/24 10:09	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-20 Lab ID: 40288844003 Collected: 12/13/24 12:50 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	0.054J	mg/L	0.096	0.029	1	12/16/24 08:19	12/17/24 08:00		
TPH - Diesel (C10-C28)	0.041J	mg/L	0.096	0.029	1	12/16/24 08:19	12/17/24 08:00		
<b>Surrogates</b>									
o-Terphenyl (S)	55	%	46-129		1	12/16/24 08:19	12/17/24 08:00	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 18:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:13	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 18:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 18:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 18:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 18:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 18:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 18:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 18:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 18:13	67-66-3	
Chloromethane	1.8J	ug/L	5.0	1.6	1		12/16/24 18:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 18:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 18:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 18:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 18:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 18:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 18:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 18:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 18:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 18:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 18:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 18:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 18:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 18:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 18:13	87-68-3	

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### ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-20 Lab ID: 40288844003 Collected: 12/13/24 12:50 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 18:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 18:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 18:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 18:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:13	127-18-4	
Toluene	0.64J	ug/L	1.0	0.29	1		12/16/24 18:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 18:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 18:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 18:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 18:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 18:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 18:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 18:13	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 18:13	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:13	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		12/16/24 18:13	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/16/24 18:13	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		12/16/24 18:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-21 Lab ID: 40288844004 Collected: 12/13/24 13:20 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	46.5	mg/L	46.2	13.9	500	12/16/24 08:19	12/17/24 08:24		
TPH - Diesel (C10-C28)	244	mg/L	46.2	13.9	500	12/16/24 08:19	12/17/24 08:24		
<b>Surrogates</b>									
o-Terphenyl (S)	0	%	46-129		500	12/16/24 08:19	12/17/24 08:24	84-15-1	S4
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	8.3	ug/L	2.5	0.74	2.5		12/17/24 10:28	71-43-2	
Bromobenzene	<0.90	ug/L	2.5	0.90	2.5		12/17/24 10:28	108-86-1	
Bromochloromethane	<0.89	ug/L	2.5	0.89	2.5		12/17/24 10:28	74-97-5	
Bromodichloromethane	<0.52	ug/L	2.5	0.52	2.5		12/17/24 10:28	75-27-4	
Bromoform	<1.1	ug/L	2.5	1.1	2.5		12/17/24 10:28	75-25-2	
Bromomethane	<3.0	ug/L	12.5	3.0	2.5		12/17/24 10:28	74-83-9	
n-Butylbenzene	<2.1	ug/L	2.5	2.1	2.5		12/17/24 10:28	104-51-8	
sec-Butylbenzene	6.6	ug/L	2.5	1.1	2.5		12/17/24 10:28	135-98-8	
tert-Butylbenzene	<1.5	ug/L	2.5	1.5	2.5		12/17/24 10:28	98-06-6	
Carbon tetrachloride	<0.92	ug/L	2.5	0.92	2.5		12/17/24 10:28	56-23-5	
Chlorobenzene	<2.1	ug/L	2.5	2.1	2.5		12/17/24 10:28	108-90-7	
Chloroethane	<3.4	ug/L	12.5	3.4	2.5		12/17/24 10:28	75-00-3	
Chloroform	<1.3	ug/L	12.5	1.3	2.5		12/17/24 10:28	67-66-3	
Chloromethane	<4.1	ug/L	12.5	4.1	2.5		12/17/24 10:28	74-87-3	
2-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		12/17/24 10:28	95-49-8	
4-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		12/17/24 10:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.91	ug/L	12.5	0.91	2.5		12/17/24 10:28	96-12-8	
Dibromochloromethane	<6.6	ug/L	12.5	6.6	2.5		12/17/24 10:28	124-48-1	v1
1,2-Dibromoethane (EDB)	<0.77	ug/L	2.5	0.77	2.5		12/17/24 10:28	106-93-4	
Dibromomethane	<2.5	ug/L	12.5	2.5	2.5		12/17/24 10:28	74-95-3	
1,2-Dichlorobenzene	<0.81	ug/L	2.5	0.81	2.5		12/17/24 10:28	95-50-1	
1,3-Dichlorobenzene	<0.88	ug/L	2.5	0.88	2.5		12/17/24 10:28	541-73-1	
1,4-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		12/17/24 10:28	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	12.5	1.1	2.5		12/17/24 10:28	75-71-8	
1,1-Dichloroethane	<0.74	ug/L	2.5	0.74	2.5		12/17/24 10:28	75-34-3	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		12/17/24 10:28	107-06-2	
1,1-Dichloroethene	<1.5	ug/L	2.5	1.5	2.5		12/17/24 10:28	75-35-4	
cis-1,2-Dichloroethene	<1.2	ug/L	2.5	1.2	2.5		12/17/24 10:28	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		12/17/24 10:28	156-60-5	
1,2-Dichloropropane	<1.1	ug/L	2.5	1.1	2.5		12/17/24 10:28	78-87-5	
1,3-Dichloropropane	<0.76	ug/L	2.5	0.76	2.5		12/17/24 10:28	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	2.5	1.0	2.5		12/17/24 10:28	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	2.5	1.0	2.5		12/17/24 10:28	563-58-6	
cis-1,3-Dichloropropene	<0.59	ug/L	2.5	0.59	2.5		12/17/24 10:28	10061-01-5	
trans-1,3-Dichloropropene	<0.66	ug/L	2.5	0.66	2.5		12/17/24 10:28	10061-02-6	
Diisopropyl ether	<2.8	ug/L	12.5	2.8	2.5		12/17/24 10:28	108-20-3	
Ethylbenzene	2.2J	ug/L	2.5	0.81	2.5		12/17/24 10:28	100-41-4	
Hexachloro-1,3-butadiene	<6.8	ug/L	12.5	6.8	2.5		12/17/24 10:28	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-21 Lab ID: 40288844004 Collected: 12/13/24 13:20 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	24.7	ug/L	12.5	2.5	2.5		12/17/24 10:28	98-82-8	
p-Isopropyltoluene	<2.6	ug/L	12.5	2.6	2.5		12/17/24 10:28	99-87-6	
Methylene Chloride	<0.80	ug/L	12.5	0.80	2.5		12/17/24 10:28	75-09-2	
Methyl-tert-butyl ether	<2.8	ug/L	12.5	2.8	2.5		12/17/24 10:28	1634-04-4	
Naphthalene	39.5	ug/L	12.5	4.8	2.5		12/17/24 10:28	91-20-3	
n-Propylbenzene	36.5	ug/L	2.5	0.86	2.5		12/17/24 10:28	103-65-1	
Styrene	<0.89	ug/L	2.5	0.89	2.5		12/17/24 10:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.89	ug/L	2.5	0.89	2.5		12/17/24 10:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.62	ug/L	2.5	0.62	2.5		12/17/24 10:28	79-34-5	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		12/17/24 10:28	127-18-4	
Toluene	<0.72	ug/L	2.5	0.72	2.5		12/17/24 10:28	108-88-3	
1,2,3-Trichlorobenzene	<2.5	ug/L	12.5	2.5	2.5		12/17/24 10:28	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		12/17/24 10:28	120-82-1	
1,1,1-Trichloroethane	<0.76	ug/L	2.5	0.76	2.5		12/17/24 10:28	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	2.5	0.86	2.5		12/17/24 10:28	79-00-5	
Trichloroethene	<0.80	ug/L	2.5	0.80	2.5		12/17/24 10:28	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	2.5	1.0	2.5		12/17/24 10:28	75-69-4	
1,2,3-Trichloropropane	<1.4	ug/L	2.5	1.4	2.5		12/17/24 10:28	96-18-4	
1,2,4-Trimethylbenzene	<1.1	ug/L	2.5	1.1	2.5		12/17/24 10:28	95-63-6	
1,3,5-Trimethylbenzene	<0.89	ug/L	2.5	0.89	2.5		12/17/24 10:28	108-67-8	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		12/17/24 10:28	75-01-4	
Xylene (Total)	<2.6	ug/L	7.5	2.6	2.5		12/17/24 10:28	1330-20-7	
m&p-Xylene	<1.8	ug/L	5.0	1.8	2.5		12/17/24 10:28	179601-23-1	
o-Xylene	<0.87	ug/L	2.5	0.87	2.5		12/17/24 10:28	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		2.5		12/17/24 10:28	2199-69-1	D3
4-Bromofluorobenzene (S)	99	%	70-130		2.5		12/17/24 10:28	460-00-4	
Toluene-d8 (S)	101	%	70-130		2.5		12/17/24 10:28	2037-26-5	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-15 Lab ID: 40288844005 Collected: 12/13/24 14:15 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015C GCS THC-Diesel</b>									
Analytical Method: EPA 8015C Modified Preparation Method: EPA 3510									
Pace Analytical Services - Green Bay									
TPH (C28-C36)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 08:08		
TPH - Diesel (C10-C28)	<0.027	mg/L	0.090	0.027	1	12/16/24 08:19	12/17/24 08:08		
<b>Surrogates</b>									
o-Terphenyl (S)	74	%	46-129		1	12/16/24 08:19	12/17/24 08:08	84-15-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		12/16/24 18:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:31	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:31	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		12/16/24 18:31	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		12/16/24 18:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/16/24 18:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		12/16/24 18:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		12/16/24 18:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/16/24 18:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/16/24 18:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/16/24 18:31	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		12/16/24 18:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/16/24 18:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		12/16/24 18:31	106-43-4	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		12/16/24 18:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/16/24 18:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		12/16/24 18:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		12/16/24 18:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		12/16/24 18:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		12/16/24 18:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/16/24 18:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/16/24 18:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/16/24 18:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/16/24 18:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/16/24 18:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:31	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:31	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		12/16/24 18:31	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		12/16/24 18:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/16/24 18:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		12/16/24 18:31	87-68-3	

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## ANALYTICAL RESULTS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Sample: SB-15 Lab ID: 40288844005 Collected: 12/13/24 14:15 Received: 12/14/24 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		12/16/24 18:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/16/24 18:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/16/24 18:31	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		12/16/24 18:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		12/16/24 18:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/16/24 18:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/16/24 18:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/16/24 18:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		12/16/24 18:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		12/16/24 18:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/16/24 18:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		12/16/24 18:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/16/24 18:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		12/16/24 18:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		12/16/24 18:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/16/24 18:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/16/24 18:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/16/24 18:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/16/24 18:31	1330-20-7	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/16/24 18:31	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/16/24 18:31	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/16/24 18:31	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/16/24 18:31	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		12/16/24 18:31	2037-26-5	

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## QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

QC Batch: 492738

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40288844001, 40288844002, 40288844003, 40288844004, 40288844005

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288844001, 40288844002, 40288844003, 40288844004, 40288844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	12/16/24 13:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/16/24 13:37	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	12/16/24 13:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	12/16/24 13:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	12/16/24 13:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	12/16/24 13:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	12/16/24 13:37	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	12/16/24 13:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	12/16/24 13:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/16/24 13:37	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	12/16/24 13:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	12/16/24 13:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	12/16/24 13:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	12/16/24 13:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	12/16/24 13:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/16/24 13:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	12/16/24 13:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	12/16/24 13:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	12/16/24 13:37	
2,2-Dichloropropane	ug/L	<0.42	1.0	12/16/24 13:37	
2-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
4-Chlorotoluene	ug/L	<0.89	5.0	12/16/24 13:37	
Benzene	ug/L	<0.30	1.0	12/16/24 13:37	
Bromobenzene	ug/L	<0.36	1.0	12/16/24 13:37	
Bromochloromethane	ug/L	<0.36	1.0	12/16/24 13:37	
Bromodichloromethane	ug/L	<0.21	1.0	12/16/24 13:37	
Bromoform	ug/L	<0.43	1.0	12/16/24 13:37	
Bromomethane	ug/L	<1.2	5.0	12/16/24 13:37	
Carbon tetrachloride	ug/L	<0.37	1.0	12/16/24 13:37	
Chlorobenzene	ug/L	<0.86	1.0	12/16/24 13:37	
Chloroethane	ug/L	<1.4	5.0	12/16/24 13:37	
Chloroform	ug/L	<0.50	5.0	12/16/24 13:37	
Chloromethane	ug/L	<1.6	5.0	12/16/24 13:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	12/16/24 13:37	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	12/16/24 13:37	
Dibromochloromethane	ug/L	<2.6	5.0	12/16/24 13:37	
Dibromomethane	ug/L	<0.99	5.0	12/16/24 13:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	12/16/24 13:37	
Diisopropyl ether	ug/L	<1.1	5.0	12/16/24 13:37	

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### QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

METHOD BLANK: 2820872

Matrix: Water

Associated Lab Samples: 40288844001, 40288844002, 40288844003, 40288844004, 40288844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	12/16/24 13:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	12/16/24 13:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	12/16/24 13:37	
m&p-Xylene	ug/L	<0.70	2.0	12/16/24 13:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/16/24 13:37	
Methylene Chloride	ug/L	<0.32	5.0	12/16/24 13:37	
n-Butylbenzene	ug/L	<0.86	1.0	12/16/24 13:37	
n-Propylbenzene	ug/L	<0.35	1.0	12/16/24 13:37	
Naphthalene	ug/L	<1.9	5.0	12/16/24 13:37	
o-Xylene	ug/L	<0.35	1.0	12/16/24 13:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	12/16/24 13:37	
sec-Butylbenzene	ug/L	<0.42	1.0	12/16/24 13:37	
Styrene	ug/L	<0.36	1.0	12/16/24 13:37	
tert-Butylbenzene	ug/L	<0.59	1.0	12/16/24 13:37	
Tetrachloroethene	ug/L	<0.41	1.0	12/16/24 13:37	
Toluene	ug/L	<0.29	1.0	12/16/24 13:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	12/16/24 13:37	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	12/16/24 13:37	
Trichloroethene	ug/L	<0.32	1.0	12/16/24 13:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	12/16/24 13:37	
Vinyl chloride	ug/L	<0.17	1.0	12/16/24 13:37	
Xylene (Total)	ug/L	<1.0	3.0	12/16/24 13:37	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	12/16/24 13:37	
4-Bromofluorobenzene (S)	%	99	70-130	12/16/24 13:37	
Toluene-d8 (S)	%	98	70-130	12/16/24 13:37	

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.9	112	70-133	
1,1,2,2-Tetrachloroethane	ug/L	50	49.1	98	70-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	66-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	66-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	101	70-130	
1,2-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	53.3	107	70-130	

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

LABORATORY CONTROL SAMPLE: 2820873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.9	96	61-130	
Bromomethane	ug/L	50	41.6	83	40-157	
Carbon tetrachloride	ug/L	50	58.6	117	70-139	
Chlorobenzene	ug/L	50	54.8	110	70-130	
Chloroethane	ug/L	50	52.1	104	61-145	
Chloroform	ug/L	50	52.0	104	70-130	
Chloromethane	ug/L	50	50.2	100	22-163	
cis-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	55.6	111	10-185	
Ethylbenzene	ug/L	50	55.0	110	70-130	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	70-134	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	50.0	100	62-130	
Methylene Chloride	ug/L	50	53.1	106	70-130	
o-Xylene	ug/L	50	56.9	114	70-130	
Styrene	ug/L	50	57.7	115	70-130	
Tetrachloroethene	ug/L	50	56.4	113	70-130	
Toluene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	70-130	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	61.8	124	70-149	
Vinyl chloride	ug/L	50	61.3	123	37-145	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2821000 2821001

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40288678011 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.1	58.8	114	118	70-136	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.5	54.4	105	109	70-130	3	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	50.7	101	101	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.9	54.9	108	110	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	57.9	114	116	65-131	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.0	47.4	90	95	63-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	48.7	49.5	97	99	65-130	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	52.2	51.8	104	104	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.6	52.4	103	105	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.5	52.7	109	105	70-131	3	20		

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Parameter	Units	2821000			2821001			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40288678011	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloropropane	ug/L	<0.45	50	50	54.1	55.5	108	111	70-130	2	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.5	52.5	103	105	70-130	2	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.3	54.4	105	109	70-130	4	20			
Benzene	ug/L	<0.30	50	50	55.0	55.4	110	111	70-130	1	20			
Bromodichloromethane	ug/L	<0.21	50	50	54.6	56.1	109	112	70-130	3	20			
Bromoform	ug/L	<0.43	50	50	50.7	50.3	101	101	61-130	1	20			
Bromomethane	ug/L	<1.2	50	50	47.6	48.8	95	98	40-170	2	20			
Carbon tetrachloride	ug/L	<0.37	50	50	59.5	61.5	119	123	70-141	3	20			
Chlorobenzene	ug/L	<0.86	50	50	53.8	54.5	108	109	70-130	1	20			
Chloroethane	ug/L	<1.4	50	50	56.7	52.7	113	105	59-148	7	20			
Chloroform	ug/L	<0.50	50	50	53.5	53.9	107	108	70-130	1	20			
Chloromethane	ug/L	<1.6	50	50	50.9	52.3	102	105	19-170	3	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.7	54.0	107	108	70-130	0	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.8	55.6	106	111	70-130	5	20			
Dibromochloromethane	ug/L	<2.6	50	50	56.5	57.2	113	114	70-130	1	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	55.8	55.0	112	110	10-190	1	20			
Ethylbenzene	ug/L	<0.33	50	50	55.6	55.5	111	111	70-130	0	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.8	55.6	110	111	70-137	1	20			
m&p-Xylene	ug/L	<0.70	100	100	115	117	115	117	70-130	2	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.9	53.4	98	107	62-130	9	20			
Methylene Chloride	ug/L	<0.32	50	50	53.9	55.1	108	110	70-133	2	20			
o-Xylene	ug/L	<0.35	50	50	58.5	58.7	117	117	70-130	0	20			
Styrene	ug/L	<0.36	50	50	59.4	60.1	119	120	70-130	1	20			
Tetrachloroethene	ug/L	0.43J	50	50	57.1	56.9	113	113	70-130	0	20			
Toluene	ug/L	<0.29	50	50	53.3	53.5	107	107	70-130	0	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.4	56.7	115	113	70-133	1	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	52.0	52.7	104	105	68-130	1	20			
Trichloroethene	ug/L	<0.32	50	50	55.0	56.6	110	113	70-130	3	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	64.0	63.4	128	127	65-153	1	20			
Vinyl chloride	ug/L	<0.17	50	50	60.4	62.8	121	126	37-150	4	20			
Xylene (Total)	ug/L	<1.0	150	150	173	176	116	117	70-130	1	20			
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130					
4-Bromofluorobenzene (S)	%						98	100	70-130					
Toluene-d8 (S)	%						98	97	70-130					

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

**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

QC Batch: 492715 Analysis Method: EPA 8015C Modified  
 QC Batch Method: EPA 3510 Analysis Description: 8015C GCS  
 Laboratory: Pace Analytical Services - Green Bay  
 Associated Lab Samples: 40288844001, 40288844002, 40288844003, 40288844004, 40288844005

METHOD BLANK: 2820799 Matrix: Water  
 Associated Lab Samples: 40288844001, 40288844002, 40288844003, 40288844004, 40288844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C28-C36)	mg/L	<0.028	0.095	12/17/24 05:51	
TPH - Diesel (C10-C28)	mg/L	<0.028	0.095	12/17/24 05:51	
o-Terphenyl (S)	%	69	46-129	12/17/24 05:51	

Parameter	Units	2820800		2820801		% Rec	Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCSD % Rec					
TPH (C28-C36)	mg/L		<0.028	<0.028					20	
TPH - Diesel (C10-C28)	mg/L	0.5	0.36	0.28	71	55	61-120	25	20	L0,R1
o-Terphenyl (S)	%				83	66	46-129			

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## QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

### 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 - The reported result is an estimated value.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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.

### BATCH QUALIFIERS

Batch: 492782

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

[1] The default spike range of the standard used for QC evaluation is C10-C28. All other carbon ranges may recover outside of spike limits because they may not cover the range of the spike used.

### ANALYTE QUALIFIERS

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

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

R1 RPD value was outside control limits.

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

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288844001	SB-16	EPA 3510	492715	EPA 8015C Modified	492782
40288844002	SB-17	EPA 3510	492715	EPA 8015C Modified	492782
40288844003	SB-20	EPA 3510	492715	EPA 8015C Modified	492782
40288844004	SB-21	EPA 3510	492715	EPA 8015C Modified	492782
40288844005	SB-15	EPA 3510	492715	EPA 8015C Modified	492782
40288844001	SB-16	EPA 8260	492738		
40288844002	SB-17	EPA 8260	492738		
40288844003	SB-20	EPA 8260	492738		
40288844004	SB-21	EPA 8260	492738		
40288844005	SB-15	EPA 8260	492738		

### REPORT OF LABORATORY ANALYSIS

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

Project #:

Client Name: GET-Madison

WO#: **40288844**

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-127 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

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

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

Person examining contents:  
 Date: 12/14/24 Initials: KKS  
 Labeled By Initials: MR

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No preservative type. 12/14/24 KKS</u>
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>2 Day TAT. 12/14/24 KKS</u>
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> Pace IR, Non-Pace	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>	
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

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

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