

Rice, Caroline M - DNR

From: Shane Yokom <Shane.Yokom@enbridge.com>
Sent: Wednesday, December 18, 2024 12:34 PM
To: Rice, Caroline M - DNR; Bannister, Trevor A - DNR; Roanhouse, Gregory L - DNR
Subject: SERTS Spill ID 20241111SC28-1- Cambridge Station Release - Residential Well Analytical Reports
Attachments: 40288846_frc_W8489 Hwy 18.pdf; 40288845_frc_W8292 Hwy 18.pdf

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All – Please see the attached analytical reports for the residential water well sampling conducted at W8292 & W8489 Highway 18, Cambridge, Wisconsin.

The samples were analyzed for the Full List Volatile Organic Compounds (VOCs). All compounds were reported non-detect, below the laboratory reporting limit. There were no estimated concentrations.

Results were verbally communicated to the landowners yesterday afternoon. A copy of the report will be provided to the landowners today.

Regards,

-shane

Shane Yokom
Environment Supervisor, LPUS
Safety & Reliability Environment Operations

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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

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

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

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

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
8260 MSV									
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
8260 MSV									
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	
Surrogates									
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.	Result							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	

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.: 40288846

Parameter	Units	2821000		2821001		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288846

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

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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Sample Preservation Receipt Form

Client Name: GEI

Project # 40288840

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							
001	<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; display: flex; align-items: center; justify-content: center;"> 12/14/24 </div> </div>																										2.5 / 5		
002																											2.5 / 5		
003																											2.5 / 5		
004																											2.5 / 5		
005																											2.5 / 5		
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019																											2.5 / 5		
020																											2.5 / 5		

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

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

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	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 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.: 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

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

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

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

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
8260 MSV									
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
8260 MSV									
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	
1,1,2,2-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	
Surrogates									
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	

REPORT OF LABORATORY ANALYSIS

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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 % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40288678011 Result	Spike Conc.	Spike Conc.	Result							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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QUALITY CONTROL DATA

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 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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QUALIFIERS

Project: 2408314 Cambridge Station Rel

Pace Project No.: 40288845

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

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40288845001	W8292 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

4088845

ALL SHADED AREAS are for LAB USE ONLY

Company: GEI - Madison, WI
Billing Information: GEI - Madison, WI
Address:
Report To: Brad DalSanto
Email To: Brad DalSanto
Copy To: Ken Kyttä
Site Collection Info/Address: NA
Customer Project Name/Number: 2408314
State: WI / County/City: County/City: Time Zone Collected: [] PT [] MT [X] CT [] ET

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

Phone:
Email: bdalSanto@geiconsultants.com
Site/Facility ID #: NA
Compliance Monitoring? [] Yes [] No NA
Collected By (print): Brad DalSanto
Purchase Order #: 2408314
Quote #:
DW PWS ID #:
DW Location Code: NA
Collected By (signature):
Turnaround Date Required: SEE BELOW
Immediately Packed on Ice: [X] Yes [] No
Sample Disposal:
[X] Dispose as appropriate [] Return
[] Archive:
[] Hold:
Rush: [] Same Day [] Next Day [X] 2 Day [] 3 Day [] 4 Day [] 5 Day
Field Filtered (if applicable): [] Yes [] No NA
Analysis:

Analyses Lab Profile/Line:

Table for analyses results with columns for analytes and results. Includes handwritten 'Full List VOCs' and 'X' in the first column.

- Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips:
Sample pH Acceptable Y N NA
pH Strips:
Sulfide Present Y N NA
Lead Acetate Strips:

* 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)

Table for Customer Sample ID, Matrix *, Comp/Grab, Collected (or Composite Start) Date/Time, Composite End Date/Time, Res Cl, # of Ctns.

Customer Remarks / Special Conditions / Possible Hazards:
Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #: 2945978
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: °C
Cooler 1 Therm Corr. Factor: °C
Cooler 1 Corrected Temp: °C
Comments:

Relinquished by/Company: (Signature) GEI

Date/Time: 12/13/24 15:45

Received by/Company: (Signature) M. Mallos

Date/Time: 12/13/24 15:45

MTJL LAB USE ONLY

Relinquished by/Company: (Signature) CS Logistics

Date/Time: 12/14/24 08:40

Received by/Company: (Signature) Pace

Date/Time: 12/14/24 08:40

Table #:
Acctnum:
Template:
Preligin:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM:
PB:

Client Name: **GEI**

Sample Preservation Receipt Form
Project # **40288845**

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																																			2.5 / 5
002																																			2.5 / 5
003																																			2.5 / 5
004																																			2.5 / 5
005																																			2.5 / 5
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019																																			2.5 / 5
020																																			2.5 / 5

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

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

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

WO#: 40288845



40288845

Client Name: GTEI

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 - 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