

March 31, 2020

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 6198 BAYSIDE
Pace Project No.: 40205274

Dear DAVID LARSEN:

Enclosed are the analytical results for sample(s) received by the laboratory on March 26, 2020. 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,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 6198 BAYSIDE

Pace Project No.: 40205274

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 6198 BAYSIDE

Pace Project No.: 40205274

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40205274001	MW1	Water	03/23/20 14:30	03/26/20 09:00
40205274002	MW2R	Water	03/23/20 14:45	03/26/20 09:00
40205274003	MW4	Water	03/23/20 15:15	03/26/20 09:00
40205274004	MW6	Water	03/23/20 15:45	03/26/20 09:00
40205274005	MW7	Water	03/23/20 16:00	03/26/20 09:00
40205274006	MW11	Water	03/23/20 16:15	03/26/20 09:00
40205274007	MW13	Water	03/23/20 16:30	03/26/20 09:00

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SAMPLE ANALYTE COUNT

Project: 6198 BAYSIDE
Pace Project No.: 40205274

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40205274001	MW1	EPA 8260	LAP	12
40205274002	MW2R	EPA 8260	LAP	12
40205274003	MW4	EPA 8260	LAP	12
40205274004	MW6	EPA 8260	LAP	12
40205274005	MW7	EPA 8260	LAP	12
40205274006	MW11	EPA 8260	HNW	12
40205274007	MW13	EPA 8260	HNW	12

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: 6198 BAYSIDE

Pace Project No.: 40205274

Sample: MW1									
Lab ID: 40205274001									
Collected: 03/23/20 14:30									
Received: 03/26/20 09:00									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	923	ug/L	5.0	1.2	5		03/27/20 18:02	71-43-2	
Ethylbenzene	287	ug/L	5.3	1.6	5		03/27/20 18:02	100-41-4	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		03/27/20 18:02	1634-04-4	
Naphthalene	27.1	ug/L	25.0	5.9	5		03/27/20 18:02	91-20-3	
Toluene	22.8	ug/L	4.5	1.3	5		03/27/20 18:02	108-88-3	
1,2,4-Trimethylbenzene	325	ug/L	14.0	4.2	5		03/27/20 18:02	95-63-6	
1,3,5-Trimethylbenzene	64.4	ug/L	14.6	4.4	5		03/27/20 18:02	108-67-8	
m&p-Xylene	1590	ug/L	10.0	2.3	5		03/27/20 18:02	179601-23-1	
o-Xylene	3.7J	ug/L	5.0	1.3	5		03/27/20 18:02	95-47-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		5		03/27/20 18:02	1868-53-7	
Toluene-d8 (S)	102	%	70-130		5		03/27/20 18:02	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		5		03/27/20 18:02	460-00-4	

Sample: MW2R									
Lab ID: 40205274002									
Collected: 03/23/20 14:45									
Received: 03/26/20 09:00									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	6.5	ug/L	1.0	0.25	1		03/27/20 16:56	71-43-2	
Ethylbenzene	26.2	ug/L	1.1	0.32	1		03/27/20 16:56	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		03/27/20 16:56	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/27/20 16:56	91-20-3	
Toluene	27.6	ug/L	0.90	0.27	1		03/27/20 16:56	108-88-3	
1,2,4-Trimethylbenzene	28.2	ug/L	2.8	0.84	1		03/27/20 16:56	95-63-6	
1,3,5-Trimethylbenzene	16.2	ug/L	2.9	0.87	1		03/27/20 16:56	108-67-8	
m&p-Xylene	141	ug/L	2.0	0.47	1		03/27/20 16:56	179601-23-1	
o-Xylene	44.5	ug/L	1.0	0.26	1		03/27/20 16:56	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		03/27/20 16:56	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		03/27/20 16:56	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		03/27/20 16:56	460-00-4	

Sample: MW4									
Lab ID: 40205274003									
Collected: 03/23/20 15:15									
Received: 03/26/20 09:00									
Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.4	ug/L	1.0	0.25	1		03/27/20 17:18	71-43-2	
Ethylbenzene	0.34J	ug/L	1.1	0.32	1		03/27/20 17:18	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6198 BAYSIDE
Pace Project No.: 40205274

Sample: MW4 **Lab ID: 40205274003** Collected: 03/23/20 15:15 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		03/27/20 17:18	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/27/20 17:18	91-20-3	
Toluene	0.44J	ug/L	0.90	0.27	1		03/27/20 17:18	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		03/27/20 17:18	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		03/27/20 17:18	108-67-8	
m&p-Xylene	0.55J	ug/L	2.0	0.47	1		03/27/20 17:18	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		03/27/20 17:18	95-47-6	
Surrogates									
Dibromofluoromethane (S)	113	%	70-130		1		03/27/20 17:18	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		03/27/20 17:18	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		03/27/20 17:18	460-00-4	

Sample: MW6 **Lab ID: 40205274004** Collected: 03/23/20 15:45 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	130	ug/L	1.0	0.25	1		03/27/20 16:34	71-43-2	
Ethylbenzene	2.1	ug/L	1.1	0.32	1		03/27/20 16:34	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		03/27/20 16:34	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/27/20 16:34	91-20-3	
Toluene	1.2	ug/L	0.90	0.27	1		03/27/20 16:34	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		03/27/20 16:34	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		03/27/20 16:34	108-67-8	
m&p-Xylene	7.5	ug/L	2.0	0.47	1		03/27/20 16:34	179601-23-1	
o-Xylene	0.57J	ug/L	1.0	0.26	1		03/27/20 16:34	95-47-6	
Surrogates									
Dibromofluoromethane (S)	116	%	70-130		1		03/27/20 16:34	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		03/27/20 16:34	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		03/27/20 16:34	460-00-4	

Sample: MW7 **Lab ID: 40205274005** Collected: 03/23/20 16:00 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	98.2	ug/L	1.0	0.25	1		03/27/20 14:21	71-43-2	
Ethylbenzene	6.2	ug/L	1.1	0.32	1		03/27/20 14:21	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		03/27/20 14:21	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		03/27/20 14:21	91-20-3	

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ANALYTICAL RESULTS

Project: 6198 BAYSIDE
Pace Project No.: 40205274

Sample: MW7 **Lab ID: 40205274005** Collected: 03/23/20 16:00 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Toluene	0.42J	ug/L	0.90	0.27	1		03/27/20 14:21	108-88-3	
1,2,4-Trimethylbenzene	3.3	ug/L	2.8	0.84	1		03/27/20 14:21	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		03/27/20 14:21	108-67-8	
m&p-Xylene	10.2	ug/L	2.0	0.47	1		03/27/20 14:21	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		03/27/20 14:21	95-47-6	
Surrogates									
Dibromofluoromethane (S)	112	%	70-130		1		03/27/20 14:21	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		03/27/20 14:21	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		1		03/27/20 14:21	460-00-4	

Sample: MW11 **Lab ID: 40205274006** Collected: 03/23/20 16:15 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	4220	ug/L	40.0	9.9	40		03/30/20 10:39	71-43-2	
Ethylbenzene	131	ug/L	42.5	12.7	40		03/30/20 10:39	100-41-4	
Methyl-tert-butyl ether	<49.8	ug/L	166	49.8	40		03/30/20 10:39	1634-04-4	
Naphthalene	<47.0	ug/L	200	47.0	40		03/30/20 10:39	91-20-3	
Toluene	33.3J	ug/L	35.9	10.8	40		03/30/20 10:39	108-88-3	
1,2,4-Trimethylbenzene	<33.6	ug/L	112	33.6	40		03/30/20 10:39	95-63-6	
1,3,5-Trimethylbenzene	<34.9	ug/L	116	34.9	40		03/30/20 10:39	108-67-8	
m&p-Xylene	558	ug/L	80.0	18.6	40		03/30/20 10:39	179601-23-1	
o-Xylene	<10.5	ug/L	40.0	10.5	40		03/30/20 10:39	95-47-6	
Surrogates									
Dibromofluoromethane (S)	106	%	70-130		40		03/30/20 10:39	1868-53-7	
Toluene-d8 (S)	102	%	70-130		40		03/30/20 10:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		40		03/30/20 10:39	460-00-4	

Sample: MW13 **Lab ID: 40205274007** Collected: 03/23/20 16:30 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	6750	ug/L	50.0	12.3	50		03/30/20 11:02	71-43-2	
Ethylbenzene	200	ug/L	53.1	15.9	50		03/30/20 11:02	100-41-4	
Methyl-tert-butyl ether	<62.3	ug/L	208	62.3	50		03/30/20 11:02	1634-04-4	
Naphthalene	<58.8	ug/L	250	58.8	50		03/30/20 11:02	91-20-3	
Toluene	49.1	ug/L	44.9	13.5	50		03/30/20 11:02	108-88-3	
1,2,4-Trimethylbenzene	205	ug/L	140	42.0	50		03/30/20 11:02	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 6198 BAYSIDE
Pace Project No.: 40205274

Sample: MW13 **Lab ID: 40205274007** Collected: 03/23/20 16:30 Received: 03/26/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3,5-Trimethylbenzene	50.2J	ug/L	146	43.7	50		03/30/20 11:02	108-67-8	
m&p-Xylene	1540	ug/L	100	23.3	50		03/30/20 11:02	179601-23-1	
o-Xylene	<13.1	ug/L	50.0	13.1	50		03/30/20 11:02	95-47-6	
Surrogates									
Dibromofluoromethane (S)	106	%	70-130		50		03/30/20 11:02	1868-53-7	
Toluene-d8 (S)	102	%	70-130		50		03/30/20 11:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		50		03/30/20 11:02	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6198 BAYSIDE
Pace Project No.: 40205274

QC Batch: 351049 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40205274001, 40205274002, 40205274003, 40205274004, 40205274005

METHOD BLANK: 2033200 Matrix: Water
Associated Lab Samples: 40205274001, 40205274002, 40205274003, 40205274004, 40205274005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	03/27/20 07:23	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	03/27/20 07:23	
Benzene	ug/L	<0.25	1.0	03/27/20 07:23	
Ethylbenzene	ug/L	<0.32	1.1	03/27/20 07:23	
m&p-Xylene	ug/L	<0.47	2.0	03/27/20 07:23	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	03/27/20 07:23	
Naphthalene	ug/L	<1.2	5.0	03/27/20 07:23	
o-Xylene	ug/L	<0.26	1.0	03/27/20 07:23	
Toluene	ug/L	<0.27	0.90	03/27/20 07:23	
4-Bromofluorobenzene (S)	%	87	70-130	03/27/20 07:23	
Dibromofluoromethane (S)	%	107	70-130	03/27/20 07:23	
Toluene-d8 (S)	%	102	70-130	03/27/20 07:23	

LABORATORY CONTROL SAMPLE: 2033201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	57.8	116	70-130	
Ethylbenzene	ug/L	50	56.0	112	80-124	
m&p-Xylene	ug/L	100	119	119	70-130	
Methyl-tert-butyl ether	ug/L	50	48.9	98	54-137	
o-Xylene	ug/L	50	56.0	112	70-130	
Toluene	ug/L	50	55.2	110	80-126	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			91	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2033621 2033622

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40205271002 Result	Spike Conc.	Spike Conc.	Conc.								
Benzene	ug/L	<0.25	50	50	56.9	58.4	114	117	70-130	3	20		
Ethylbenzene	ug/L	<0.32	50	50	56.7	57.5	113	115	80-125	1	20		
m&p-Xylene	ug/L	<0.47	100	100	118	122	118	122	70-130	3	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	48.0	49.3	96	99	51-145	3	20		
o-Xylene	ug/L	<0.26	50	50	56.1	57.7	112	115	70-130	3	20		
Toluene	ug/L	<0.27	50	50	55.7	56.8	111	114	80-131	2	20		
4-Bromofluorobenzene (S)	%						106	106	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: 6198 BAYSIDE

Pace Project No.: 40205274

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2033621												2033622	
Parameter	Units	40205271002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Dibromofluoromethane (S)	%							98	97	70-130			
Toluene-d8 (S)	%							103	102	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: 6198 BAYSIDE
Pace Project No.: 40205274

QC Batch: 351155 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40205274006, 40205274007

METHOD BLANK: 2033942 Matrix: Water

Associated Lab Samples: 40205274006, 40205274007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	03/30/20 08:02	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	03/30/20 08:02	
Benzene	ug/L	<0.25	1.0	03/30/20 08:02	
Ethylbenzene	ug/L	<0.32	1.1	03/30/20 08:02	
m&p-Xylene	ug/L	<0.47	2.0	03/30/20 08:02	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	03/30/20 08:02	
Naphthalene	ug/L	<1.2	5.0	03/30/20 08:02	
o-Xylene	ug/L	<0.26	1.0	03/30/20 08:02	
Toluene	ug/L	<0.27	0.90	03/30/20 08:02	
4-Bromofluorobenzene (S)	%	101	70-130	03/30/20 08:02	
Dibromofluoromethane (S)	%	105	70-130	03/30/20 08:02	
Toluene-d8 (S)	%	101	70-130	03/30/20 08:02	

LABORATORY CONTROL SAMPLE: 2033943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	58.3	117	70-130	
Ethylbenzene	ug/L	50	54.4	109	80-120	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	59.9	120	61-129	
o-Xylene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	53.0	106	80-120	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2034393 2034394

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40205343001 Result	Spike Conc.	Spike Conc.	Result							
Benzene	ug/L	<0.25	50	50	55.5	58.3	111	117	70-136	5	20	
Ethylbenzene	ug/L	<0.32	50	50	52.0	54.2	104	108	80-120	4	20	
m&p-Xylene	ug/L	<0.47	100	100	103	107	103	107	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	55.8	58.9	112	118	61-136	5	20	
o-Xylene	ug/L	<0.26	50	50	49.8	51.9	100	104	70-130	4	20	
Toluene	ug/L	<0.27	50	50	50.6	52.6	101	105	80-120	4	20	
4-Bromofluorobenzene (S)	%						101	101	70-130			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 6198 BAYSIDE

Pace Project No.: 40205274

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2034393												2034394	
Parameter	Units	40205343001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Dibromofluoromethane (S)	%						110	109	70-130				
Toluene-d8 (S)	%						101	101	70-130				

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

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QUALIFIERS

Project: 6198 BAYSIDE

Pace Project No.: 40205274

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6198 BAYSIDE
Pace Project No.: 40205274

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40205274001	MW1	EPA 8260	351049		
40205274002	MW2R	EPA 8260	351049		
40205274003	MW4	EPA 8260	351049		
40205274004	MW6	EPA 8260	351049		
40205274005	MW7	EPA 8260	351049		
40205274006	MW11	EPA 8260	351155		
40205274007	MW13	EPA 8260	351155		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

Page 15 of 17

Company Name: R E I
Branch/Location: Warsaw
Project Contact: Dave Larson
Phone: 715675 9784
Project Number: 6198
Project Name: Bay Side
Project State: WI
Sampled By (Print): Paul Busha
Sampled By (Sign): [Signature]

Regulatory Program: Pec Fa
Data Package Options (billable):
 EPA Level III
 EPA Level IV
MS/MSD (billable):
 On your sample
 NOT needed on your sample



CHAIN OF CUSTODY

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

Y/N	Pick Letter	Analysis Requested	DATE	TIME	MATRIX
W	B	Pec/FA	3-23	2:30	GW
				2:45	
				3:15	
				3:45	
				4:00	
				4:15	
				4:30	

Quote #: 40205074
Mail To Contact: [Email]
Mail To Company: R E I
Mail To Address: SAA
Invoice To Contact: SAA
Invoice To Company: SAA
Invoice To Address: SAA
Invoice To Phone: SAA
CLIENT COMMENTS:
LAB COMMENTS (Lab Use Only):
Profile #:

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW1	3-23	2:30	GW
002	MW2R		2:45	
003	MW4		3:15	
004	MW6		3:45	
005	MW7		4:00	
006	MW11		4:15	
007	MW13		4:30	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: [Signature]	Date/Time: 4:00
Relinquished By: [Signature]	Date/Time: 3/24/20 0900
Relinquished By:	Date/Time:
Relinquished By:	Date/Time:

Received By:	Date/Time: 0900 40205074
Received By: [Signature]	Date/Time: 3/24/20 0900
Received By:	Date/Time:
Received By:	Date/Time:

PACE Project No. 40205074
Receipt Temp = 20°C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

Client Name: REI

Project # 40005074

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	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN	
001																3																		2.5 / 5 / 10
002																3																	2.5 / 5 / 10	
003																3																	2.5 / 5 / 10	
004																3																	2.5 / 5 / 10	
005																3																	2.5 / 5 / 10	
006																3																	2.5 / 5 / 10	
007																3																	2.5 / 5 / 10	
008																																	2.5 / 5 / 10	
009																																	2.5 / 5 / 10	
010																																	2.5 / 5 / 10	
011																																	2.5 / 5 / 10	
012																																	2.5 / 5 / 10	
013																																	2.5 / 5 / 10	
014																																	2.5 / 5 / 10	
015																																	2.5 / 5 / 10	
016																																	2.5 / 5 / 10	
017																																	2.5 / 5 / 10	
018																																	2.5 / 5 / 10	
019																																	2.5 / 5 / 10	
020																																	2.5 / 5 / 10	


3/26/20
[Signature]

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	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
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Sample Condition Upon Receipt Form (SCUR)

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

Project #: **WO# : 40205274**

 40205274

Tracking #: 2385069

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 Foam + paper 3-26-20
 Thermometer Used SR - N/A Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT / Corr: _____

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

Person examining contents:
 Date: 3-26-20
 Initials: SCU

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

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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
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 3/26/20</u>		<u>No dates</u> <u>3/26/20</u> <u>EMW</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: _____

Project Manager Review: BDB Date: 3/26/20