

December 16, 2021

Chase Kresl  
REI

RE: Project: 8056 FORMER VOLK SERVICE  
Pace Project No.: 40238194

Dear Chase Kresl:

Enclosed are the analytical results for sample(s) received by the laboratory on December 11, 2021. 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

cc: Kaylin Felix, REI



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 8056 FORMER VOLK SERVICE

Pace Project No.: 40238194

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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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 8056 FORMER VOLK SERVICE

Pace Project No.: 40238194

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40238194001	POTABLE-8056	Water	12/09/21 12:45	12/11/21 09:30

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### SAMPLE ANALYTE COUNT

Project: 8056 FORMER VOLK SERVICE  
Pace Project No.: 40238194

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40238194001	POTABLE-8056	EPA 8260	LAP	12	PASI-G

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PASI-G = Pace Analytical Services - Green Bay

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## ANALYTICAL RESULTS

Project: 8056 FORMER VOLK SERVICE

Pace Project No.: 40238194

**Sample: POTABLE-8056**      **Lab ID: 40238194001**      Collected: 12/09/21 12:45      Received: 12/11/21 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		12/14/21 19:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/14/21 19:45	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		12/14/21 19:45	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		12/14/21 19:45	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		12/14/21 19:45	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		12/14/21 19:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		12/14/21 19:45	108-67-8	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		12/14/21 19:45	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		12/14/21 19:45	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		1		12/14/21 19:45	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		12/14/21 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		12/14/21 19:45	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 8056 FORMER VOLK SERVICE  
Pace Project No.: 40238194

QC Batch: 403989 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40238194001

METHOD BLANK: 2332084 Matrix: Water  
Associated Lab Samples: 40238194001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	12/14/21 16:21	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	12/14/21 16:21	
Benzene	ug/L	<0.30	1.0	12/14/21 16:21	
Ethylbenzene	ug/L	<0.33	1.0	12/14/21 16:21	
m&p-Xylene	ug/L	<0.70	2.0	12/14/21 16:21	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	12/14/21 16:21	
Naphthalene	ug/L	<1.1	5.0	12/14/21 16:21	
o-Xylene	ug/L	<0.35	1.0	12/14/21 16:21	
Toluene	ug/L	<0.29	1.0	12/14/21 16:21	
1,2-Dichlorobenzene-d4 (S)	%	111	70-130	12/14/21 16:21	
4-Bromofluorobenzene (S)	%	114	70-130	12/14/21 16:21	
Toluene-d8 (S)	%	108	70-130	12/14/21 16:21	

LABORATORY CONTROL SAMPLE: 2332085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	54.4	109	70-132	
Ethylbenzene	ug/L	50	55.1	110	80-123	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	45.6	91	66-130	
o-Xylene	ug/L	50	53.2	106	70-130	
Toluene	ug/L	50	54.8	110	80-121	
1,2-Dichlorobenzene-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			118	70-130	
Toluene-d8 (S)	%			106	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2333158 2333159

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40238194001 Result	Conc.	Conc.	Conc.								
Benzene	ug/L	<0.30	50	50	50	54.3	53.6	109	107	70-132	1	20	
Ethylbenzene	ug/L	<0.33	50	50	50	54.4	54.6	109	109	80-123	0	20	
m&p-Xylene	ug/L	<0.70	100	100	100	105	105	105	105	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50	47.7	42.9	95	86	66-130	11	20	
o-Xylene	ug/L	<0.35	50	50	50	52.1	53.5	104	107	70-130	3	20	
Toluene	ug/L	<0.29	50	50	50	53.8	54.2	108	108	80-121	1	20	
1,2-Dichlorobenzene-d4 (S)	%							108	104	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: 8056 FORMER VOLK SERVICE

Pace Project No.: 40238194

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2333158												2333159	
Parameter	Units	40238194001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
4-Bromofluorobenzene (S)	%						114	117	70-130				
Toluene-d8 (S)	%						103	107	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: 8056 FORMER VOLK SERVICE

Pace Project No.: 40238194

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor, 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: 8056 FORMER VOLK SERVICE  
Pace Project No.: 40238194

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40238194001	POTABLE-8056	EPA 8260	403989		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

UPPER MIDWEST REGION

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

40238194



Company Name: PEL Engineering Inc  
 Branch/Location: 1000 N 2nd Ave, Wausau, WI  
 Project Contact: Chase Kresl  
 Phone: 715 675 9784  
 Project Number: 8056  
 Project Name: Furner Volk Service  
 Project State: WI  
 Sampled By (Print): Chase Kresl  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_ Regulatory Program: \_\_\_\_\_

### CHAIN OF CUSTODY

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

Filtered? (YES/NO)	Preservation (CODE)*	Y/N	Pick Letter	Analyses Requested
		N	B	PROD + N

Quote #: \_\_\_\_\_  
 Mail To Contact: Chase Kresl  
 Mail To Company: PEL  
 Mail To Address: Cereside Recycling, Inc  
 Invoice To Contact: SA  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: 715 675 9784  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<u>001</u>	<u>Potable-8056</u>	<u>12/12/21</u>	<u>12:00</u>	<u>GW</u>

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed: _____ Transmit Prelim Rush Results by (complete what you want): _____	Relinquished By: _____ Date/Time: <u>12/10/21- 10:00am</u>	Received By: _____ Date/Time: _____	PACE Project No. <u>40238194</u> Receipt Temp = <u>3.1</u> °C Sample Receipt pH _____ OK / Adjusted _____ Cooler Custody Seal Present (Not Present) _____ Intact / Not Intact _____
	Relinquished By: <u>Waltco</u> Date/Time: <u>12/11/21 930</u>	Received By: <u>Marybeth Lill</u> Date/Time: <u>12/11/21 930</u>	
	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

Client Name: REI

Sample Preservation Receipt Form

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

Project # 46238194

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																																					2.5 / 5 / 10
002																																					2.5 / 5 / 10
003																																					2.5 / 5 / 10
004																																					2.5 / 5 / 10
005																																					2.5 / 5 / 10
006																																					2.5 / 5 / 10
007																																					2.5 / 5 / 10
008																																					2.5 / 5 / 10
009																																					2.5 / 5 / 10
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011																																					2.5 / 5 / 10
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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

12/11/21  
MA

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						

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

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

Client Name: REI Project #: \_\_\_\_\_

**WO# : 40238194**



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

Tracking #: 3065803-1

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-114 Type of Ice:  Wet  Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 / Corr: 3.1

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: 12/11/21 Initials: UP  
 Labeled By Initials: ALP

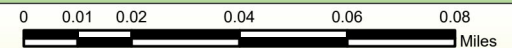
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" 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</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 logir



- this is not a survey map  
**Oneida County, Wisconsin**



This map is courtesy of the Oneida County Land Information office and is a general sketch of areas in Oneida County. It should not be used to represent surveys of property. See original source documents for more information.