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

June 05, 2019

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

RE: Project: 903 BG3 TOWER STD.
Pace Project No.: 40188434

Dear DAVID LARSEN:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

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

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without the written consent of Pace Analytical Services, LLC.

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Green Bay, WI 54302
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SAMPLE SUMMARY

Project: 903 BG3 TOWER STD.
Pace Project No.: 40188434

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40188434001	**1235 TOWER VIA**	Water	05/28/19 13:00	05/29/19 09:15

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www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 **WI:** 920-469-2436

Page 1 of 1

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	PRZ
Branch/Location:	WASH
Project Contact:	DAVE LARSON
Phone:	715-675-9784
Project Number:	903 B03
Project Name:	TOWER STD.
Project State:	WI
Sampled By (Print):	ANDY DELPOPE
Sampled By (Sign):	
PO #:	
Regulatory Program:	

***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

	Quote #:	40188434
	Mail To Contact:	DAVE LARSON
	Mail To Company:	PRZ
	Mail To Address:	
	Invoice To Contact:	DAVE LARSON
	Invoice To Company:	PRZ
	Invoice To Address:	
	Invoice To Phone:	

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 DATE	COLLECTION TIME	MATRIX	Analyses Requested: VOC (Pick Letter B)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	1235 TOWER W	5/28/14	1:00	DW				

FILTERED? (YES/NO): Y/N — N
PRESERVATION (CODE)*: Pick Letter — B

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:	Date/Time:	Received By:	Date/Time:
	5/28/14 - 4:50 pm	Walter	5/28/14 9:10 am
Walter	5/29/2014 0415	Jose Ulpace	5/29/2014 0415

PACE Project No. 40188434
Receipt Temp = 20.1 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: ReI

Project # 40188434

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	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																										3							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
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018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

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	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	3 40mL amber HCl

Pace Analytical 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 25Apr2018
	Document No.: **F-GB-C-031-Rev.07**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: **WO#: 40188434**

40188434

Client Name: ReI

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

Tracking #: 2068934-1

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 Paper 5/29/2019 JV

Thermometer Used SR - N/A **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr:

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.

Person examining contents:
Date: 5/29/2019
Initials: JV

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. NO Mail/Invoice address 5/29/2019 JV
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8. 5/29/2019 JV
Correct Containers Used:	☒Yes ☒No	9. ~~used 40 ml amber glass vial~~ 5/29/2019 JV
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12. Some IDs are very hard to read 5/29/2019 JV
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 5-29-19

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034
Printed: 06/05/19 Page 1 of 1

NLS Project: 322187
NLS Customer: 94575
Fax: 920 469 8827 Phone: 800 736 2436

Client: Pace Analytical Services Inc (GB)
Attn: Brian D Basten
1241 Bellevue Street
Green Bay, WI 54302 2156

Project: 40188434 - 903 BG3 Tower STD.

40188434001 NLS ID: 1123701
Matrix: DW
Collected: 05/28/19 13:00 Received: 05/30/19

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
SDWA Volatile Organics (VOCs) by EPA 524.2	see attached					06/04/19	EPA 524.2, Rev 4.1	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable
DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agilent5977E)

Customer: Pace Analytical Services Inc (GB) **NLS Project: 322187**

Project Description: 40188434 - 903 BG3 Tower STD.

Project Title: **Template: AGIPACE** **Printed: 06/05/2019 13:24**

Sample: 1123701 40188434001 Collected: 05/28/19 Analyzed: 06/04/19 - Analytes: 70

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.23	0.82		
Bromobenzene	ND	ug/L	1	0.26	0.91		
Bromochloromethane	ND	ug/L	1	0.34	1.2		
Bromodichloromethane	ND	ug/L	1	0.23	0.81		
Bromoform	ND	ug/L	1	0.21	0.74		
Bromomethane	ND	ug/L	1	0.37	1.3		
n-Butylbenzene	ND	ug/L	1	0.22	0.76		
sec-Butylbenzene	ND	ug/L	1	0.23	0.83		
tert-Butylbenzene	ND	ug/L	1	0.23	0.80		
Carbon Tetrachloride	ND	ug/L	1	0.22	0.76		
Chlorobenzene	ND	ug/L	1	0.24	0.86		
Chloroethane	ND	ug/L	1	1.5	5.2		
Chloroform	ND	ug/L	1	0.25	0.90		
Chloromethane	ND	ug/L	1	0.23	0.83		
2-Chlorotoluene	ND	ug/L	1	0.23	0.82		
4-Chlorotoluene	ND	ug/L	1	0.20	0.73		
Dibromochloromethane	ND	ug/L	1	0.17	0.61		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.20	0.71		
1,2-Dibromoethane	ND	ug/L	1	0.22	0.76		
Dibromomethane	ND	ug/L	1	0.26	0.90		
1,2-Dichlorobenzene	ND	ug/L	1	0.25	0.87		
1,3-Dichlorobenzene	ND	ug/L	1	0.25	0.89		
1,4-Dichlorobenzene	ND	ug/L	1	0.28	1.0		
Dichlorodifluoromethane	ND	ug/L	1	0.22	0.77		
1,1-Dichloroethane	ND	ug/L	1	0.31	1.1		
1,2-Dichloroethane	ND	ug/L	1	0.25	0.90		
1,1-Dichloroethene	ND	ug/L	1	0.25	0.87		
cis-1,2-Dichloroethene	ND	ug/L	1	0.30	1.1		
trans-1,2-Dichloroethene	ND	ug/L	1	0.47	1.7		
1,2-Dichloropropane	ND	ug/L	1	0.23	0.81		
1,3-Dichloropropane	ND	ug/L	1	0.25	0.87		
2,2-Dichloropropane	ND	ug/L	1	0.15	0.54		
1,1-Dichloropropene	ND	ug/L	1	0.32	1.1		
cis-1,3-Dichloropropene	ND	ug/L	1	0.18	0.65		
trans-1,3-Dichloropropene	ND	ug/L	1	0.21	0.75		
Ethylbenzene	ND	ug/L	1	0.22	0.79		
Hexachlorobutadiene	ND	ug/L	1	0.24	0.83		
Isopropylbenzene	ND	ug/L	1	0.22	0.77		
p-Isopropyltoluene	ND	ug/L	1	0.22	0.78		
Methylene chloride	ND	ug/L	1	0.22	0.79		
Naphthalene	ND	ug/L	1	0.23	0.83		
n-Propylbenzene	ND	ug/L	1	0.22	0.78		
ortho-Xylene	ND	ug/L	1	0.20	0.70		
Styrene	ND	ug/L	1	0.21	0.73		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.21	0.74		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.20	0.72		
Tetrachloroethene	ND	ug/L	1	0.28	0.99		
Toluene	ND	ug/L	1	0.22	0.79		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.24	0.85		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.25	0.90		
1,1,1-Trichloroethane	ND	ug/L	1	0.32	1.1		
1,1,2-Trichloroethane	ND	ug/L	1	0.27	0.94		
Trichloroethene	ND	ug/L	1	0.30	1.1		

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agilent5977E)

Customer: Pace Analytical Services Inc (GB) **NLS Project: 322187**
Project Description: 40188434 - 903 BG3 Tower STD.
Project Title: **Template: AGIPACE** **Printed: 06/05/2019 13:24**

Sample: 1123701 40188434001 Collected: 05/28/19 Analyzed: 06/04/19 - Analytes: 70

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.30	1.1		
1,2,3-Trichloropropane	ND	ug/L	1	0.30	1.0		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.73		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.22	0.77		
Vinyl chloride	ND	ug/L	1	0.20	0.70		
meta,para-Xylene	ND	ug/L	1	0.48	1.7		
MTBE	ND	ug/L	1	0.29	1.0		
Acetone	ND	ug/L	1	4.2	12		
Carbon disulfide	ND	ug/L	1	0.27	0.96		
Vinyl Acetate	ND	ug/L	1	0.39	1.4		
Methyl ethyl ketone	ND	ug/L	1	0.71	2.5		
4-Methyl-2-Pentanone	ND	ug/L	1	0.46	1.6		
2-Hexanone	ND	ug/L	1	0.44	1.6		
Trans 1,4-dichloro 2-butene	ND	ug/L	1	0.36	1.3		
Methyl methacrylate	ND	ug/L	1	0.48	1.7		
Ethyl methacrylate	ND	ug/L	1	0.20	0.72		
Acrylonitrile	ND	ug/L	1	0.62	2.2		
4-Bromofluorobenzene (SURR)	75%		1				S
1,2-Dichlorobenzene - d4 (SURR)	74%		1				S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.