

**From:** Hodgson, Scott A. <Scott.Hodgson@terracon.com>  
**Sent:** Thursday, May 6, 2021 11:59 AM  
**To:** Saliars, Gwen N - DNR  
**Cc:** Paul Zuege (zigjigs@gmail.com); Pelczar, Jennifer S - DNR  
**Subject:** RE: Request Update on Vapor Sampling at Dry Cleaners Etc, BRRTS #02-69-552218  
**Attachments:** Pace.air report.Apr2021.pdf

Hi Gwen,

The vapor sampling was completed and results looked pretty good with both PCE and TCE below the VAL. The lab report is attached. It was an 8-hour indoor ambient air sample collected near the location of the former dry cleaning machine on the eastern part of the building. We have not tabulated results yet but anticipate tabulating and submitting an updated historical results table. The system install is still pending, but do anticipate it will be completed soon.

**Scott A. Hodgson, P.G.**  
**Senior Project Manager | Environmental Services**  
**Terracon**  
9856 S. 57th Street | Franklin, WI 53132  
D (414) 209 7640 | F (414) 423 0566 | M (920) 791 9206\*  
[sahodgson@terracon.com](mailto:sahodgson@terracon.com) | [www.terracon.com](http://www.terracon.com)

**\*Note new mobile number**

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**From:** Saliars, Gwen N - DNR <[gwen.saliars@wisconsin.gov](mailto:gwen.saliars@wisconsin.gov)>  
**Sent:** Thursday, May 6, 2021 11:48 AM  
**To:** Hodgson, Scott A. <[Scott.Hodgson@terracon.com](mailto:Scott.Hodgson@terracon.com)>  
**Cc:** Paul Zuege ([zigjigs@gmail.com](mailto:zigjigs@gmail.com)) <[zigjigs@gmail.com](mailto:zigjigs@gmail.com)>; Pelczar, Jennifer S - DNR <[Jennifer.Pelczar@wisconsin.gov](mailto:Jennifer.Pelczar@wisconsin.gov)>  
**Subject:** Request Update on Vapor Sampling at Dry Cleaners Etc, BRRTS #02-69-552218

Good morning,

Reaching out to see if the vapor sampling was completed as planned at the end of March 2021, see the attached email chain from 3/24/21. I anticipate receiving documentation on the mitigation system within the next month or two. Reach out with any questions. Thank you,

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Gwen Saliars**

Hydrogeologist  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
625 E County Rd Y  
Oshkosh, WI 54901  
[gwen.saliars@wisconsin.gov](mailto:gwen.saliars@wisconsin.gov)

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Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

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*Private and confidential as detailed here ([www.terracon.com/disclaimer](http://www.terracon.com/disclaimer)). If you cannot access the hyperlink, please e-mail sender.*

April 12, 2021

Scott Hodgson  
Terracon WI  
9856 57th. St.  
Franklin, WI 53132

RE: Project: New London Dry Cleaners  
Pace Project No.: 10553695

Dear Scott Hodgson:

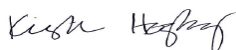
Enclosed are the analytical results for sample(s) received by the laboratory on April 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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 - Minneapolis

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

Sincerely,



Kirsten Hogberg  
kirsten.hogberg@pacelabs.com  
(612)607-1700  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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

Project: New London Dry Cleaners

Pace Project No.: 10553695

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

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01\*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009\*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014\*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605\*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086\*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064\*

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137\*

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

Minnesota Petrofund Registration #: 1240\*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081\*

New Jersey Certification #: MN002

New York Certification #: 11647\*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110\*

Oklahoma Certification #: 9507\*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001\*

Pennsylvania Certification #: 68-00563\*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192\*

Utah Certification #: MN00064\*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163\*

Washington Certification #: C486\*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

\*Please Note: Applicable air certifications are denoted with an asterisk (\*).

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: New London Dry Cleaners

Pace Project No.: 10553695

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
10553695001	IA-1	Air	04/01/21 15:01	04/02/21 12:20

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### SAMPLE ANALYTE COUNT

Project: New London Dry Cleaners

Pace Project No.: 10553695

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10553695001	IA-1	TO-15	CH1	5	PASI-M

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PASI-M = Pace Analytical Services - Minneapolis

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### SUMMARY OF DETECTION

Project: New London Dry Cleaners

Pace Project No.: 10553695

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>10553695001</b>	<b>IA-1</b>					
TO-15	Tetrachloroethene	163	ug/m3	0.96	04/10/21 15:10	
TO-15	Trichloroethene	0.41J	ug/m3	0.76	04/10/21 15:10	

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## ANALYTICAL RESULTS

Project: New London Dry Cleaners

Pace Project No.: 10553695

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**Sample: IA-1**                      **Lab ID: 10553695001**    Collected: 04/01/21 15:01    Received: 04/02/21 12:20    Matrix: Air

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
cis-1,2-Dichloroethene	<b>&lt;0.19</b>	ug/m3	1.1	0.19	1.39		04/10/21 15:10	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.23</b>	ug/m3	1.1	0.23	1.39		04/10/21 15:10	156-60-5	
Tetrachloroethene	<b>163</b>	ug/m3	0.96	0.35	1.39		04/10/21 15:10	127-18-4	
Trichloroethene	<b>0.41J</b>	ug/m3	0.76	0.29	1.39		04/10/21 15:10	79-01-6	
Vinyl chloride	<b>&lt;0.12</b>	ug/m3	0.36	0.12	1.39		04/10/21 15:10	75-01-4	

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### QUALITY CONTROL DATA

Project: New London Dry Cleaners  
Pace Project No.: 10553695

QC Batch: 734269      Analysis Method: TO-15  
QC Batch Method: TO-15      Analysis Description: TO15 MSV AIR Low Level  
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10553695001

METHOD BLANK: 3914484      Matrix: Air  
Associated Lab Samples: 10553695001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	04/10/21 11:19	
Tetrachloroethene	ug/m3	<0.12	0.34	04/10/21 11:19	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	04/10/21 11:19	
Trichloroethene	ug/m3	<0.10	0.27	04/10/21 11:19	
Vinyl chloride	ug/m3	<0.042	0.13	04/10/21 11:19	

LABORATORY CONTROL SAMPLE: 3914485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	43.4	46.7	108	70-137	
Tetrachloroethene	ug/m3	73.4	87.2	119	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	46.7	107	70-130	
Trichloroethene	ug/m3	58.4	65.5	112	70-130	
Vinyl chloride	ug/m3	28	25.3	90	70-137	

SAMPLE DUPLICATE: 3914717

Parameter	Units	10552958002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.21	<0.21		25	
Tetrachloroethene	ug/m3	<0.38	<0.38		25	
trans-1,2-Dichloroethene	ug/m3	<0.25	<0.25		25	
Trichloroethene	ug/m3	<0.32	<0.32		25	
Vinyl chloride	ug/m3	<0.13	<0.13		25	

SAMPLE DUPLICATE: 3914718

Parameter	Units	10553695001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.19	<0.19		25	
Tetrachloroethene	ug/m3	163	164	1	25	
trans-1,2-Dichloroethene	ug/m3	<0.23	<0.23		25	
Trichloroethene	ug/m3	0.41J	0.41J		25	
Vinyl chloride	ug/m3	<0.12	<0.12		25	

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: New London Dry Cleaners

Pace Project No.: 10553695

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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: New London Dry Cleaners

Pace Project No.: 10553695

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<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
10553695001	IA-1	TO-15	734269		

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# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

48668

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:												
Company:	Pestacor	Report To:	Scott Hodgson	Attention:												
Address:	9856 South 57th Street, Franklin, WI	Copy To:		Company Name:	SAME											
Email To:	Scott Hodgson	Purchase Order No.:		Address:												
Phone:		Project Name:	New Lorber Dry Cleaners	Pace Quote Reference:												
Fax:		Project Number:		Pace Project Manager/Sales Rep.												
Requested Due Date/TAT:	STD	Project Number:	31924	Pace Profile #:												
<b>Section D Required Client Information</b> <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE IA-1		<b>COLLECTED</b> MEDIA CODE PD Reading (Client only)														
#	ITEM	Valid Media Codes		COMPOSITE START		COMPOSITE - ENDS/RAB		Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:	Report Level	Location of Sampling by State	Reporting Units	Program
		CODE	TB	1LC	DATE	TIME	DATE									
1		Tedlar Bag	1LC	4/11/21	731	4/11/21	1501	-28	-3	3432	0318	PM10	II	WI	ug/m <sup>3</sup>	Superfund
2		1 Liter Summa Can	6LC									TO-3 BTEX	III		mg/m <sup>3</sup>	Emissions
3		6 Liter Summa Can	LVP									TO-15 Full List VOCs	IV		PPBV	Dry Clean
4		Low Volume Puff	HVP									TO-15 Short List BTEX			Other	RCRA
5		High Volume Puff	PM10									TO-15 Short List Chlorinated				Other
6		Other										TO-15 Short List (other)				
7												3C - Fixed Gas (%)				
8												TO-3M (Methane)				
9												TO-14				
10												TO-15 Full List VOCs				
11												TO-15 Short List BTEX				
12												TO-15 Short List Chlorinated				

WO#: 10553695

Comments: PCE, TCE  
CIS DCF, Trans DCE,  
Vinyl

REINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>[Signature]</i>	4/11/21	1600	Mulge Face	4/22/21	1220	Received on Y/N Custody Y/N Sealed Cooler Y/N Samples Intact Y/N

SAMPLER NAME AND SIGNATURE  
 PRINT Name of SAMPLER: Ryan Johnson  
 SIGNATURE of SAMPLER: *[Signature]*  
 DATE Signed (MM/DD/YYYY): 4/11/21

ORIGINAL



**Air Sample Condition Upon Receipt**

Client Name: Terracon

Project #:

**WO#: 10553695**  
 PM: KNH Due Date: 04/09/21  
 CLIENT: Terracon-WI

Courier:  Fed Ex  UPS  USPS  Client  
 Pace  Speedee  Commercial See Exception

Tracking Number: 1723 2550 7219

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Tin Can  Other: \_\_\_\_\_ Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): \_\_\_\_\_ Corrected Temp (°C): \_\_\_\_\_ Thermometer Used:  G87A9170600254  G87A9155100842

Temp should be above freezing to 6°C Correction Factor: \_\_\_\_\_ Date & Initials of Person Examining Contents: M. Y. S. Z. I.

Type of ice Received  Blue  Wet  None

**Comments:**

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or 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.
Short Hold Time Analysis (<72 hr)?	<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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>N</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # <input type="checkbox"/> 10AIR26 <input checked="" type="checkbox"/> 10AIR34 <input type="checkbox"/> 10AIR35 <input type="checkbox"/> 4097									
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>IA-1</u>	<u>3432</u>	<u>318</u>	<u>-1</u>	<u>5</u>					

**CLIENT NOTIFICATION/RESOLUTION**

Field Data Required?  Yes  No

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

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

Project Manager Review: Kirsten Hopfer Date: 4/5/2021