

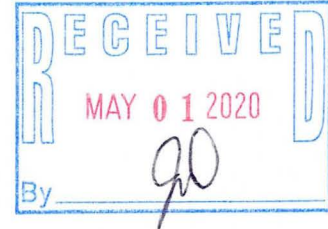
K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

DATA TRANSMITTAL LETTER

February 28, 2020



Mr. Timothy Alessi, P.G.
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

VIA E-MAIL and U.S. MAIL

KPRG Project No. 10009

Re: Sub-slab Vapor Data Transmittal
Former Bask Dry Cleaners – Waukesha, WI
BRRTS# 02-68-297669, FID# 268188800

Dear Mr. Alessi:

On February 13, 2020, KPRG and Associates, Inc. (KPRG) installed one vapor probe within the former dry cleaners area as part of the Wisconsin Department of Natural Resources (WDNR) approved work. The probe is located at the north end of the Milwaukee PC space, near the location of the former dry cleaning machine. The second probe to the south was not installed as that area is carpeted customer space and the tenant did not want that disturbed. Once installed, the vapor probe was sampled using a laboratory supplied Summa canister with a 30-minute flow controller as outlined in the Work Plan. The canister was delivered to Pace Analytical for TO-15 analysis of the chlorinated volatile organic compounds outlined in the Work Plan.

The results of this sampling are summarized in Table 1 and the analytical data package is provided as Attachment 1. There were no parameters detected above the respective vapor risk screening levels provided in Table 1. KPRG will collect the second round in approximately 3 months.

We are continuing with the implementation of the agreed upon site investigation work. If there are any questions, please contact us at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Patrick Allenstein, P.G.
Senior Geologist

cc: Mr. Greg Butts, former Bask Dry Cleaners

Table 1. Sub-slab Vapor Sampling Analytical Results - CVOCs

Parameter	WDNR - Small Commercial VRSL	Milw PC VP-1 2/13/2020
cis-1,2-Dichloroethene	NS	<0.35
trans-1,2-Dichloroethene	NS	<0.46
Tetrachloroethene	6,000	2,190
Trichloroethene	290	1.6
Vinyl Chloride	930	<0.20

Notes: All values are in ug/m3.
VRSL Vapor Risk Screening Level

ATTACHMENT 1
Analytical Data Package

February 18, 2020

Richard Gnat
KPRG and Associates
14665 W. Lisbon Rd.
Suite 1A
Brookfield, WI 53005

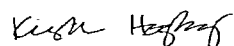
RE: Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Dear Richard Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 2020. 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.

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

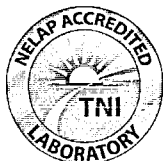
Sincerely,



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

Enclosures

cc: Patrick Allenstein, KPRG and Associates
Tim Stohner, KPRG and Associates



REPORT OF LABORATORY ANALYSIS

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

Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Pace Analytical Services Minneapolis

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
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
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 #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137
Minnesota Petrofund Certification #: 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 #: CL101
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

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SAMPLE SUMMARY

Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10508692001	MILW PC VP-1	Air	02/13/20 12:09	02/14/20 11:00

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SAMPLE ANALYTE COUNT

Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10508692001	MILW PC VP-1	TO-15	MLS	5

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ANALYTICAL RESULTS

Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Sample: MILW PC VP-1 Lab ID: 10508692001 Collected: 02/13/20 12:09 Received: 02/14/20 11:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
cis-1,2-Dichloroethene	<0.35	ug/m3	1.3	0.35	1.61		02/17/20 23:18	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/m3	1.3	0.46	1.61		02/17/20 23:18	156-60-5	
Tetrachloroethene	2190	ug/m3	33.3	15.2	48.3		02/17/20 23:46	127-18-4	
Trichloroethene	1.6	ug/m3	0.88	0.41	1.61		02/17/20 23:18	79-01-6	
Vinyl chloride	<0.20	ug/m3	0.42	0.20	1.61		02/17/20 23:18	75-01-4	

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QUALITY CONTROL DATA

Project: 10009 FORMER BASK DRY CLEAN
 Pace Project No.: 10508692

QC Batch: 660350 Analysis Method: TO-15
 QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
 Associated Lab Samples: 10508692001

METHOD BLANK: 3544334 Matrix: Air
 Associated Lab Samples: 10508692001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	02/17/20 08:21	
Tetrachloroethene	ug/m3	<0.31	0.69	02/17/20 08:21	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	02/17/20 08:21	
Trichloroethene	ug/m3	<0.25	0.55	02/17/20 08:21	
Vinyl chloride	ug/m3	<0.13	0.26	02/17/20 08:21	

LABORATORY CONTROL SAMPLE: 3544335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	41.6	42.3	101	70-132	
Tetrachloroethene	ug/m3	71	73.0	103	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	41.7	99	70-132	
Trichloroethene	ug/m3	56.3	58.0	103	70-132	
Vinyl chloride	ug/m3	26.7	25.5	96	68-141	

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: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 10009 FORMER BASK DRY CLEAN
Pace Project No.: 10508692

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10508692001	MILW PC VP-1	TO-15	660350		

REPORT OF LABORATORY ANALYSIS

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: KPRG AND ASSOCIATES	Report To:	Attention:
Address: 14665 W. LISBON RD, STE 1A BROOKFIELD, WI 53005	Copy To:	Company Name:
Email To: PATRICIA@KPRGINC.COM	Purchase Order No.:	Address:
Phone: 262-781-0475 Fax: -0478	Project Name: FARMER BASK DRY CLEAN	Pace Quote Reference:
Requested Due Date/TAT: STANDARD	Project Number: 10009	Pace Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA Other _____

SITE LOCATION

GA IL IN MI MN NC
 OH SC WI OTHER _____

ITEM #	Section D Required Client Information				MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.										
	SAMPLE ID						COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other									
	One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE						DATE	TIME	DATE	TIME																							
	M	I	L	W	P	C	V	P	-	1		64	2-13-20	1135	2/13/20	1209																	
2																																	
5																																	
6																																	
9																																	
10																																	
11																																	
12																																	

Additional Comments:
**PCB, PCB, cis + trans-1,2, DCE,
VINYL CHLORIDE**

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
<i>[Signature]</i> KPRG	2/13	1700	FEDEX	2/13	1700		Y/N	Y/N	Y/N
			Math Jiz / Pace	2/14/20	1100	AMB	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **Patrick A. Alvesten**

SIGNATURE of SAMPLER: *[Signature]* DATE Signed (MM/DD/YY): **02-13-2020**

Temp in °C

Received on Ice: Y/N

Custody Sealed Cooler: Y/N

Samples Intact: Y/N



Document Name:
Air Sample Condition Upon Receipt

Document No.:
F-MN-A-106-rev.20

Document Revised: 19Nov2019
Page 1 of 1

Pace Analytical Services -
Minneapolis

Air Sample Condition Upon Receipt

Client Name: KPRG

Project #:

WO#: 10508692

PM: **KNH** Due Date: **02/21/20**
CLIENT: **KPRG**

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

Tracking Number: 1083 0284 8630, 1083 0284 8641

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: 2-14-20 NH

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)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
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 N (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 # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
M/LW PC VP-1.	3506	2475	-5	+5					

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hoyer Date: 2/17/2020