

# K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

## INDOOR/OUTDOOR AIR AND SUB-SLAB SAMPLING DATA TRANSMITTAL

May 17, 2024

Mr. Mark Drews, 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. 22222

Re: Indoor/Outdoor Air and Sub-slab Sampling Data Transmittal  
Former One Hour Martinizing – 8711A W Fond du Lac Ave, Milwaukee, WI  
BRRTS # 02-41-552219

Dear Mr. Drews:

KPRG and Associates, Inc. (KPRG) completed a round of indoor air sampling on May 2, 2024 at the shopping center on W Fond du Lac Ave in Milwaukee, WI. Indoor air and sub-slab vapor samples were collected in units 8711, 8711A, and 8711B, which are the vacant former lounge, vacant former dry cleaner, and day care unit, respectively. An outdoor air samples was also collected. The samples were analyzed for chlorinated volatile organic compounds (CVOCs). Sub-slab vapor results are summarized in Table 1, and indoor and outdoor air results are summarized in Table 2. A site map showing sample locations is provided on Figure 1 and the analytical data package is provided in the Attachment.

If there are any questions, please contact Patrick Allenstein of KPRG at 262-781-0475.

Sincerely,  
KPRG and Associates, Inc.



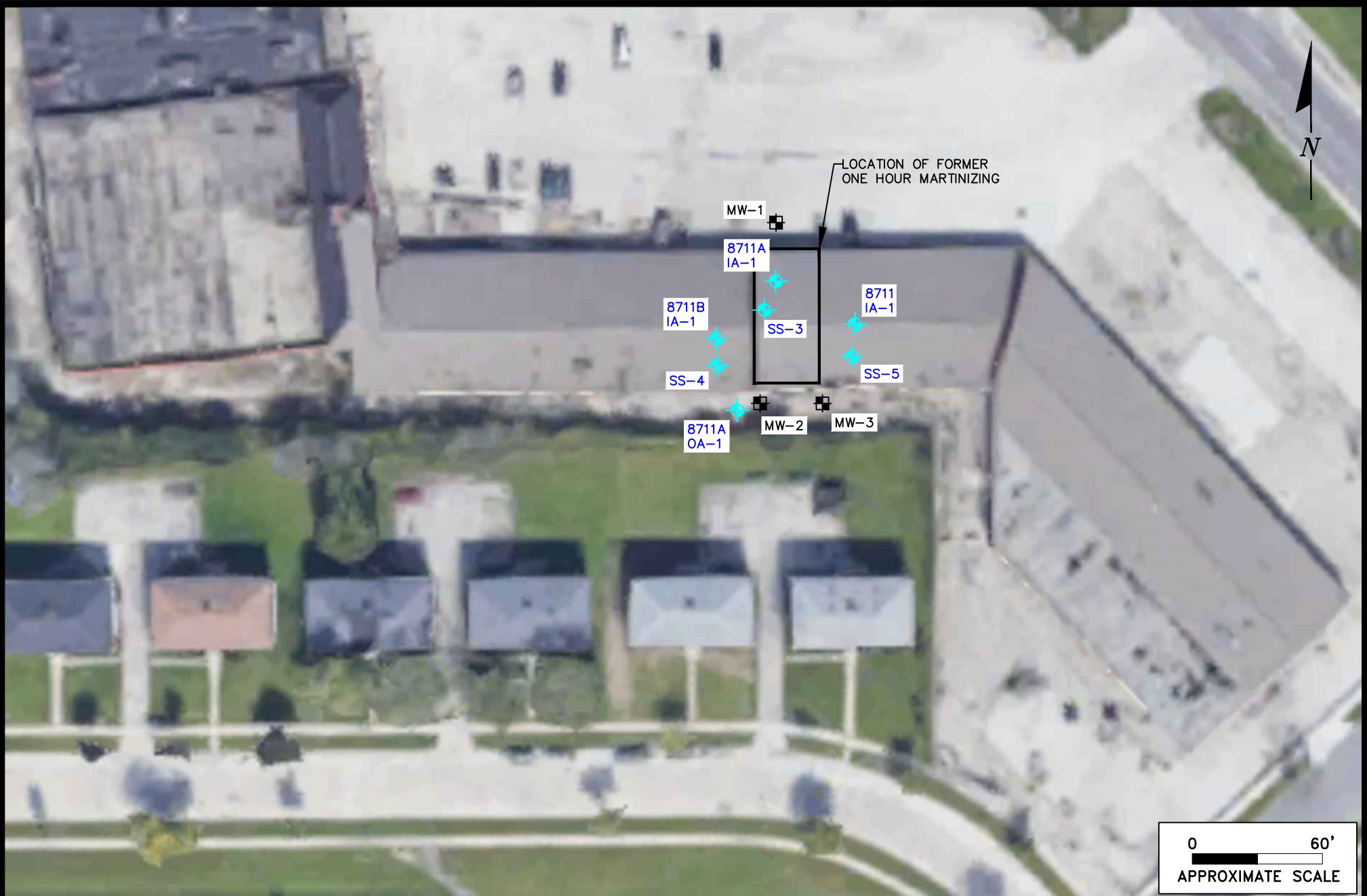
Patrick Allenstein, P.G.  
Senior Geologist/Project Manager



Kaelyn Sperle  
Project Geologist

cc: Mike Mutza, Bonanza Investment Company  
Don Gallo, Gallo Law, LLC

**FIGURE**



SS-1  
 AIR/VAPOR SAMPLING LOCATION

MW-1  
 MONITORING WELL LOCATION

ENVIRONMENTAL CONSULTATION & REMEDIATION

**K P R G** KPRG and Associates, inc.

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

**SITE MAP WITH VAPOR SAMPLING LOCATIONS**

**FORMER ONE HOUR MARTINIZING  
 8711A W. FOND DU LAC AVE MILWAUKEE, WI**

Scale: 1" = 60'

Date: May 16, 2024

KPRG Proposal No. 22222

FIGURE 1

## **TABLES**

Table 1 - Summary of Sub-slab Vapor Data for Chlorinated Compounds - Former One Hour Martinizing

Sample Name	WDNR Vapor Risk Screening Level		SS-1	SS-2	SS-3		SS-4		SS-5		SS-6	SS-7	SS-8	
Sample Suite Number			8711 A				8711 B		8711		8711 B			
Parameter	Date	Sm. Commercial	Residential	08/24/21	08/24/21	08/24/21	05/02/24	08/24/21	05/02/24	08/24/21	05/02/24	08/24/21	08/24/21	08/24/21
1,1-Dichloroethene		29,000	7,000	<0.26	<0.25	<1.2	<1.01	<0.25	<1.01	<1.2	<1.01	<0.24	<0.23	<0.24
cis-1,2-Dichloroethene		5,800	1,400	3.5	3.3	<0.17	2.84	<0.35	<1.03	<1.7	<1.03	<0.34	<0.33	<0.33
trans-1,2-Dichloroethene		5,800	1,400	<0.31	2.6	<1.5	2.39	<0.30	<0.888	<1.5	<0.888	<0.29	<0.28	<0.29
Tetrachloroethene		5,800	1,400	114	<b><u>22,300</u></b>	<b><u>12,900</u></b>	<b><u>18,800</u></b>	31.9	13.0	<b><u>29,000</u></b>	<1.33	573	485	566
1,1,1-Trichloroethane		730,000	170,000	<0.35	<0.33	<1.6	<1.33	<0.33	<1.33	<1.6	1.34	<0.33	<0.31	<0.32
Trichloroethene		290	70	46.0	<b>251</b>	<b>166</b>	<b>155</b>	<0.35	5.07	<b>88.1</b>	15.4	0.75 J	0.46 J	0.64 J
Vinyl Chloride		930	56	<0.16	<0.16	<0.76	<0.80	<0.16	<0.808	<0.76	<0.808	<0.15	<0.15	<0.15

Notes : All values in ug/m<sup>3</sup>.  
 VRSL - Vapor Risk Screening Level  
**BOLD** - Result exceeds the Residential VRSL  
**BOLD** - Result exceeds the Small Commercial VRSL

Suite 8711 - Former Lounge  
 Suite 8711 A - Former Dry Cleaner  
 Suite 8711 B - Day Care Unit

Table 2 - Summary of Indoor Air Data for Chlorinated Compounds - Former One Hour Martinizing

Sample Name		WDNR Vapor Action Level		8711 IA-1	8711A IA-1	AA-1 / 8711B IA-1		8711A OA-1
Parameter	Date	Sm. Commercial	Residential	05/02/24	05/02/24	08/24/21	05/02/24	05/02/24
1,1-Dichloroethene		880	210	<1.01	<1.01	<0.21	<1.01	<1.01
cis-1,2-Dichloroethene		180	42	<1.03	<1.03	<0.30	<1.03	<1.03
trans-1,2-Dichloroethene		180	42	<0.888	<0.888	<0.26	<0.888	<0.888
Tetrachloroethene		180	42	4.60	25.2	<0.45	<1.84	<1.84
1,1,1-Trichloroethane		22,000	5,200	<1.33	<1.33	<0.29	<1.33	<1.33
Trichloroethene		8.8	2.1	<1.22	1.29	<0.30	<1.22	<1.22
Vinyl Chloride		28	1.7	<0.808	<0.808	<0.13	<0.808	<0.808

Notes : All values in ug/m<sup>3</sup>.

VAL - Vapor Action Level

**BOLD** - Result exceeds the Residential VAL

**BOLD** - Result exceeds the Small Commercial VAL

Suite 8711 - Former Lounge

Suite 8711 A - Former Dry Cleaner

Suite 8711 B - Day Care Unit

**ATTACHMENT**  
**May 2024 Data Package**

**KPRG and Associates, Inc.**

Sample Delivery Group: L1732214  
Samples Received: 05/03/2024  
Project Number: 22222  
Description:

Report To: Patrick Allenstein  
14665 West Lisbon Road, Suite 2B  
Brookfield, WI 53005

Entire Report Reviewed By:



John Hawkins  
Project Manager










Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



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# SAMPLE SUMMARY

## 8711 IA-1 L1732214-01 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 10:43

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 12:24	05/03/24 12:24	DAH	Mt. Juliet, TN

## 8711A IA-1 L1732214-02 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 10:37

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 12:58	05/03/24 12:58	DAH	Mt. Juliet, TN

## 8711B IA-1 L1732214-03 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 10:38

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 13:31	05/03/24 13:31	DAH	Mt. Juliet, TN

## 8711A OA-1 L1732214-04 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 10:43

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 14:05	05/03/24 14:05	DAH	Mt. Juliet, TN

## SS-4 L1732214-05 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 10:57

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 14:38	05/03/24 14:38	DAH	Mt. Juliet, TN

## SS-3 L1732214-06 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 11:45

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 15:11	05/03/24 15:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2280602	200	05/05/24 21:16	05/05/24 21:16	JAP	Mt. Juliet, TN

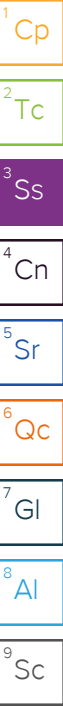
## SS-5 L1732214-07 Air

Collected by  
Kaelyn Sperle/KPRG

Collected date/time  
05/02/24 11:49

Received date/time  
05/03/24 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2279665	1	05/03/24 15:45	05/03/24 15:45	DAH	Mt. Juliet, TN



# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



John Hawkins  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	0.271	1.84	0.678	4.60		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		98.0				<a href="#">WG2279665</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	0.271	1.84	3.71	25.2		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	0.241	1.29		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.5				<a href="#">WG2279665</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		100				<a href="#">WG2279665</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.5				<a href="#">WG2279665</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	0.271	1.84	1.91	13.0		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	0.947	5.07		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		98.2				<a href="#">WG2279665</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	0.717	2.84		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	0.602	2.39		1	<a href="#">WG2279665</a>
Tetrachloroethylene	127-18-4	166	54.3	369	2770	18800		200	<a href="#">WG2280602</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	29.0	155		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		100				<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		82.7				<a href="#">WG2280602</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	<a href="#">WG2279665</a>
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	<a href="#">WG2279665</a>
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	<a href="#">WG2279665</a>
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2279665</a>
Trichloroethylene	79-01-6	131	0.227	1.22	0.251	1.34		1	<a href="#">WG2279665</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2279665</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.8				<a href="#">WG2279665</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4065782-3 05/03/24 09:57

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
Tetrachloroethylene	U		0.0814	0.271
1,1,1-Trichloroethane	U		0.0736	0.245
Trichloroethylene	U		0.0680	0.227
Vinyl chloride	U		0.0949	0.316
(S) 1,4-Bromofluorobenzene	95.9			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4065782-1 05/03/24 08:47 • (LCSD) R4065782-2 05/03/24 09:23

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
1,1-Dichloroethene	3.75	3.85	3.72	103	99.2	70.0-130			3.43	25
cis-1,2-Dichloroethene	3.75	3.82	3.80	102	101	70.0-130			0.525	25
trans-1,2-Dichloroethene	3.75	3.82	3.80	102	101	70.0-130			0.525	25
Tetrachloroethylene	3.75	3.83	3.83	102	102	70.0-130			0.000	25
1,1,1-Trichloroethane	3.75	3.80	3.81	101	102	70.0-130			0.263	25
Trichloroethylene	3.75	3.81	3.84	102	102	70.0-130			0.784	25
Vinyl chloride	3.75	4.03	3.90	107	104	70.0-130			3.28	25
(S) 1,4-Bromofluorobenzene				98.8	99.3	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4066023-3 05/05/24 11:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Tetrachloroethylene	U		0.0814	0.271
<i>(S) 1,4-Bromofluorobenzene</i>	85.7			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066023-1 05/05/24 09:19 • (LCSD) R4066023-2 05/05/24 10:13

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Tetrachloroethylene	3.75	4.52	4.71	121	126	70.0-130			4.12	25
<i>(S) 1,4-Bromofluorobenzene</i>				108	99.5	60.0-140				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

# GLOSSARY OF TERMS

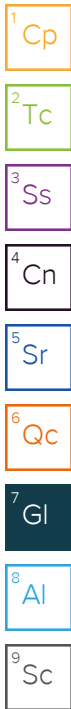
## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.



### Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

2007

**Pace** Pace\* Location Requested (City/State): **Air CHAIN-OF-CUSTODY Analytical Request Document**  
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **KPRG and Associates, Inc.** Contact/Report To: **Patrick Allenstein**

Street Address: **14665 West Lisbon Road, Suite 2B Brookfield, WI 53005** Phone #: **262-781-0475**

City, State Zip: **Brookfield, WI 53005** E-Mail: **richardg@kprginc.com;tims@kprginc.com;PatrickA@KPRGINC.COM**

Customer Project #: **22222** Cc E-Mail: **Kaelyns@kprginc.com**

Project Name: **Same** Invoice to: **Same**

Site Collection Info/Facility ID (as applicable): **KRPGBW-22222** Purchase Order # (if applicable):

Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET State origin of sample(s): **WI**

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other **Standard**

Regulatory Program (CAA, RCRA, etc.) as applicable: **Standard**

Rush (Pre-approval required): 2 Day 3 day 5 day Other **Standard** Permit # as applicable:

Units for Reporting: **ug/m<sup>3</sup>** PPBV mg/m<sup>3</sup> PPMV

LAB USE ONLY - Affix Workorder/Login Label Here

Sample Receipt Checklist

COC Seal Present/Intact:  Y  N Airs \_\_\_\_\_

COC Signed/Accurate:  Y  N Size: 1L  6L 1.4L

Bottles arrive intact:  Y  N Targe Color: S  W  B

Correct bottles used:  Y  N Tubing \_\_\_\_\_ Shunt \_\_\_\_\_

Unused: \_\_\_\_\_ T/E#: \_\_\_\_\_

Field Information

Analyses Requested **do 4.9.24**

Canister Pressure / Vacuum

PUF / FILTER

Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m <sup>3</sup> /min or L/min)	Total Volume Sampled (m <sup>3</sup> or L)	TO-15 Summa CVOCs only	Sample Comment	
						X	
29	1	1440		6L	X		U732214-01
29	0	1440			X		02
26	0	1440			X		03
30	5	1440			X		07
28	1	30			X		05
29	0	30			X		06
28	3	30		↓	X		07

Proj. Manager: **341 - John Hawkins**

AcctNum / Client ID: **KRPGBW**

Table #: **T250602**

Profile / Template: **P1067708**

Prelog / Bottle Ord. ID: **P1067708**

\* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection		End Collection		Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m <sup>3</sup> /min or L/min)	Total Volume Sampled (m <sup>3</sup> or L)	TO-15 Summa CVOCs only	Sample Comment
				Date	Time	Date	Time							
8711 IA-1	I	015531	023477	5/1	1026	5/2	1043	29	1	1440		6L	X	U732214-01
8711A IA-1	I	013890	041151	5/1	1029	5/2	1037	29	0	1440			X	02
8711B IA-1	I	028633	014271	5/1	1022	5/2	1038	26	0	1440			X	03
8711A OA-1	A	008779	014233	5/1	1033	5/2	1043	30	5	1440			X	07
SS-4	SV	008807	011527	5/2	1027	5/2	1057	28	1	30			X	05
SS-3	SV	021446	011755	5/2	1054	5/2	1145	29	0	30			X	06
SS-5	SV	022768	023114	5/2	1119	5/2	1149	28	3	30		↓	X	07

Customer Remarks / Special Conditions / Possible Hazards: **CVOCs only**

Collected By: **KPRG - Kaelyn Sperle** Additional Instructions from Pace\*:

Printed Name: **Kaelyn Sperle**

Signature: **Kaelyn Sperle**

# Coolers: \_\_\_\_\_ Thermometer ID: \_\_\_\_\_ Correction Factor (°C): \_\_\_\_\_ Obs. Temp. (°C): \_\_\_\_\_ Corrected Temp. (°C): \_\_\_\_\_

Relinquished by/Company: (Signature) **Kaelyn Sperle / KPRG** Date/Time: **5/2/24/1700** Received by/Company: (Signature) **FedEx** Date/Time: **5/2/24/1700** Tracking Number:

Relinquished by/Company: (Signature)  Date/Time:  Received by/Company: (Signature)  Date/Time:  Delivered by: In-Person Courier

Relinquished by/Company: (Signature)  Date/Time:  Received by/Company: (Signature)  Date/Time: **Cont 7 AMB** FedEX UPS Other

Relinquished by/Company: (Signature)  Date/Time:  Received by/Company: (Signature)  Date/Time: **5/13/24** **0945**