

**Notice:** This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

**NOTE:** Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

**Notification of Property Owners and Occupants:**

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

**Site Information**

Site Name		DNR ID # (BRRTS #)	
ONE HOUR MARTINIZING - MILWAUKEE		02-41-584106	
Address	City	State	ZIP Code
233 W. LAYTON AVENUE	MILWAUKEE	WI	53207

**Responsible Party**

The person(s) responsible for completing this environmental investigation is:

Property Owner

GOTTFRIED REAL ESTATE LLC

Address	City	State	ZIP Code
PO BOX 26	MUSKEGO	WI	53212
Contact Person	Phone Number (include area code)		
BRAIN GOTTFRIED	(414) 416-5665		

Person or company that collected samples

UNITED ENGINEERING CONSULTANTS, INC.

**Sample Results (Results Attached)**

Reason for Sampling:     Routine     Other (define) \_\_\_\_\_

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

**Contaminants in Vapor**

	Yes	No
Indoor Air	<input checked="" type="radio"/>	<input type="radio"/>
Sub-slab	<input checked="" type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

**NOTE:** Indoor Air contaminants detected above respective limits of detection, but below respective Vapor Action Levels.

# Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

## Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

**You are not identified as the person that is responsible for this contamination.** However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

**Option for written exemption:** You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: [dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf](http://dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf).

## Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

### Environmental Consultant

Company Name		Contact Person Last Name	First Name	
UNITED ENGINEERING CONSULTANTS		ANDERSON	NICHOLAS	
Address		City	State	ZIP Code
2938 S. 166TH STREET		NEW BERLIN	WI	53151
Phone # (inc. area code)	Email			
(262) 785-1447	NAUEC@SBCGLOBAL.NET			

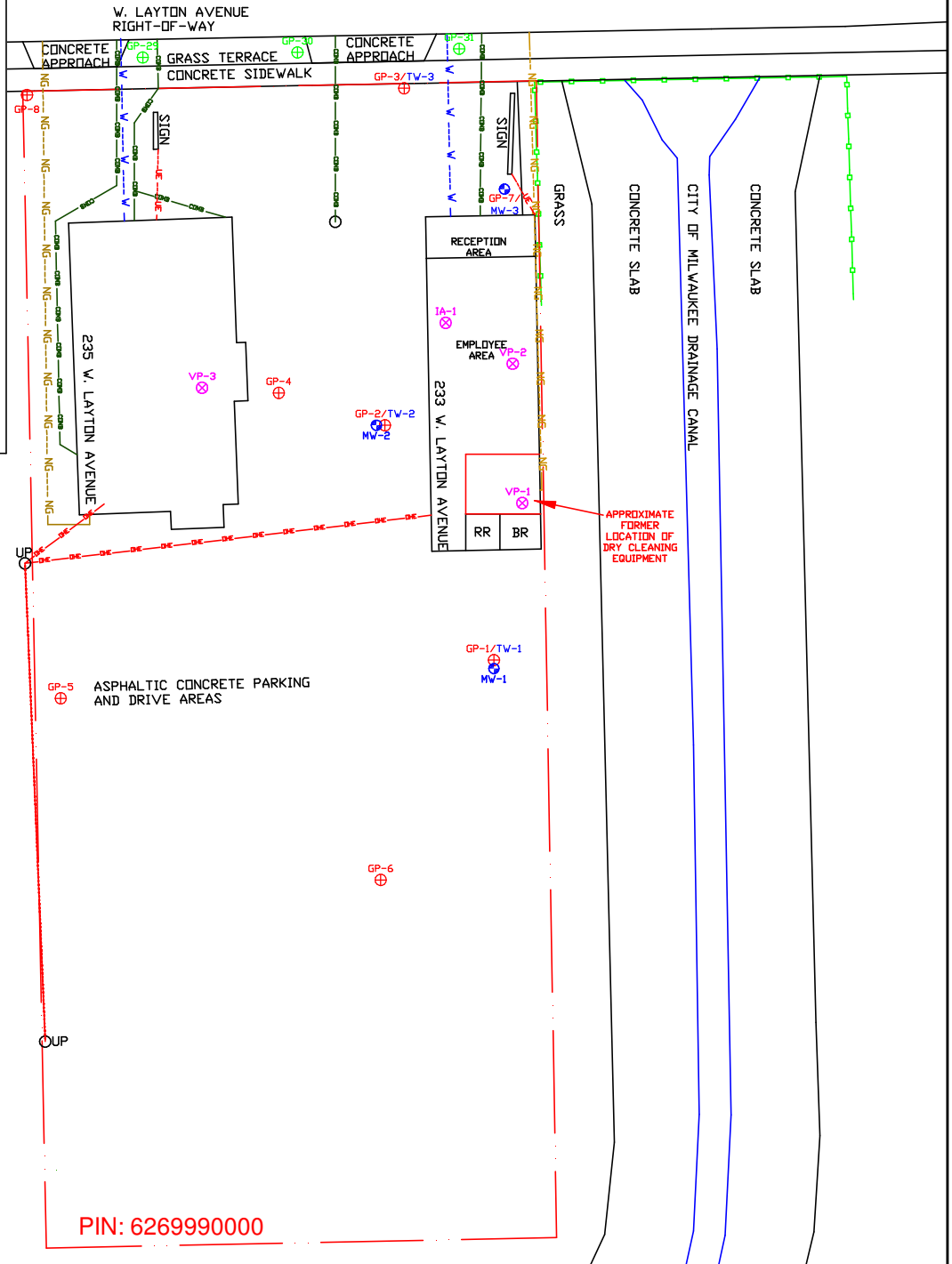
Select which agency:  Natural Resources       Agriculture, Trade and Consumer Protection

### State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)		
ALESSI	TIMOTHY	(414) 263-8563		
Address		City	State	ZIP Code
2300 N. DR. MARTIN LUTHER KING JR. DRIVE		MILWAUKEE	WI	53212
Email				
TIMOTHY.ALESSI@WISCONSIN.GOV				

# Legend

- Property Line
- Combined Sewer Line
- NG- Natural Gas Line
- W- Water Line
- UE- Underground Electric Line
- OE- Overhead Electric Line
- ⊕ GP29 Soil Boring Location (DBG)
- ⊕ GP-1 Soil Boring Location (UEC)
- ⊕ MW-1 Monitoring Well Location
- ⊗ VP-1 Sub-Slab Vapor Point Location
- ⊗ IA-1 Indoor Air Vapor Point Location



**Figure: Soil Boring, Monitoring Well and Sub-Slab and Indoor Air Vapor Sample Location Map**

**United Engineering  
Consultants, Inc.**

16237 W. Ryerson Road  
New Berlin, WI 53151

Tel. (262) 785-1447  
Fax (262) 706-4400

#19006

DRAWN BY: NJA

DATE: 01/31/2020

**Site Investigation Sample Results Notification  
One Hour Martinizing - Milwaukee /  
Wisconsin Auto Title Loans  
233/235 W. Layton Avenue  
Milwaukee, WI 53207**

Table 4  
VOC Analytical Results - Sub-Slab Vapor  
One Hour Martinizing - Milwaukee / Wisconsin Auto Title Loans  
233/235 W. Layton Avenue  
Milwaukee, Wisconsin 53207

Sample Identification	VP-1	VP-2	VP-3	Residential	Small Commercial	Large Commercial
Sample Type	SS	SS	SS	Sub-Slab VRSL	Sub-Slab VRSL	Sub-Slab VRSL
Sample Date	5/1/2019	5/1/2019	1/21/2020			
Sample Duration (Hours)	0.5	0.5	0.5			
<b>Volatile Organic Compounds (VOC) (Method: TO-15)</b>						
Carbon tetrachloride	<0.79	<0.79	<0.79	160	670	2000
Chloroethane	<0.48	<0.48	<0.48	333333	1466667	1000000
Chloroform	6.8	<0.36	<0.36	3100	13000	39000
Chloromethane	<0.29	<0.29	<0.29	3100	13000	39000
1,2-Dichlorobenzene	<0.91	<0.91	<0.91	7000	29333	88000
1,4-Dichlorobenzene	<1.8	<1.8	<1.8	87	367	1100
Dichlorodifluoromethane	2.3	2.3	2.5	3300	15000	44000
1,1-Dichloroethane	<0.41	<0.41	<0.41	600	2600	7700
1,2-Dichloroethane	<0.27	<0.27	<0.27	37	160	470
1,1-Dichloroethene	<0.50	<0.50	<0.50	7000	29000	88000
cis-1,2-Dichloroethene	<0.40	<0.40	<0.40	-	-	-
trans-1,2-Dichloroethene	<0.52	<0.52	<0.52	-	-	-
Hexachloro-1,3-butadiene	<3.6	<3.6	<3.6	43	187	560
Methylene Chloride	19.4	6.3J	2.8J	21000	87000	260000
1,1,2,2-Tetrachloroethane	<0.53	<0.53	<0.57	16	70	210
Tetrachloroethene	<b>18500</b>	1510	<0.57	1400	6000	18000
1,2,4-Trichlorobenzene	<6.8	<6.8	<6.8	70	293	880
1,1,1-Trichloroethane	4.1	11.9	<0.57	170000	730000	2200000
1,1,2-Trichloroethane	<0.46	<0.46	<0.44	7	29	88
Trichloroethene	18.2	2.7	<0.46	70	290	880
Trichlorofluoromethane	<0.67	<0.67	1.9J	-	-	-
Vinyl chloride	<0.23	<0.23	<0.23	57	930	2800

- Notes: All results expressed as µg/m3
- VRSL Vapor Risk Screening Level (November 2017 Version)
- Residential Sub-slab VRSL exceedances in underline (AF=0.03)
- Small Commercial Sub-slab VRSL exceedances in bold (AF=0.03)
- Large Commercial Sub-slab VRSL exceedances in bold and shaded (AF=0.01)
- Sub-slab VRSL not established for this compound
- J Analyte detected between the Limit of Detection and Limit of Quantitation

Table 5  
VOC Analytical Results - Indoor Air Vapor  
One Hour Martinizing - Milwaukee / Wisconsin Auto Title Loans  
233/235 W. Layton Avenue  
Milwaukee, Wisconsin 53207

Sample Identification	IA-1	Residential	Small Commercial	Large Commercial
Sample Type	IA			
Sample Date	1/21/2020 - 1/22/2020	Indoor Air VAL	Indoor Air VAL	Indoor Air VAL
Sample Duration (Hours)	24			
<b>Volatile Organic Compounds (VOC) (Method: TO-15)</b>				
Carbon tetrachloride	<0.69	4.7	20	20
Chloroethane	<0.42	10000	44000	44000
Chloroform	<0.32	1.2	5.3	5.3
Chloromethane	1.0	94	390	390
1,2-Dichlorobenzene	<0.80	210	880	880
1,4-Dichlorobenzene	<1.6	2.6	11	11
Dichlorodifluoromethane	2.5	100	440	440
1,1-Dichloroethane	<0.36	18	77	77
1,2-Dichloroethane	<0.24	1.1	4.7	4.7
1,1-Dichloroethene	<0.44	210	880	880
cis-1,2-Dichloroethene	<0.35	-	-	-
trans-1,2-Dichloroethene	<0.46	-	-	-
Hexachloro-1,3-butadiene	<3.2	1.3	5.6	5.6
Methylene Chloride	2.5J	630	2600	2600
1,1,2,2-Tetrachloroethane	<0.50	0.48	2.1	2.1
Tetrachloroethene	23.3	42	180	180
1,2,4-Trichlorobenzene	<6.0	70	293	880
1,1,1-Trichloroethane	<0.50	5200	22000	22000
1,1,2 -Trichloroethane	<0.39	0.21	0.88	0.88
Trichloroethene	<0.41	2	9	9
Trichlorofluoromethane	1.4J	-	-	-
Vinyl chloride	<0.2	2	28	28

- Notes: All results expressed as µg/m<sup>3</sup>
- VAL Vapor Action Level (November 2017 Version)
- Residential Indoor Air VAL exceedances in underline (AF=0.03)
- Small Commercial Indoor Air VAL exceedances in bold (AF=0.03)
- Large Commercial Indoor Air VAL exceedances in bold and shaded (AF=0.01)
- Indoor Air VAL not established for this compound
- J Analyte detected between the Limit of Detection and Limit of Quantitation

January 28, 2020

Mr. Timothy Anderson  
United Engineering  
16237 W. Ryerson Rd.  
New Berlin, WI 53151

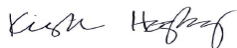
RE: Project: 19006  
Pace Project No.: 10506358

Dear Mr. Anderson:

Enclosed are the analytical results for sample(s) received by the laboratory on January 24, 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



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 19006  
Pace Project No.: 10506358

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### **Pace Analytical Services Minneapolis**

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #: 74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 19006  
Pace Project No.: 10506358

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10506358001	VP-3	Air	01/21/20 11:12	01/24/20 09:35
10506358002	IA-1	Air	01/22/20 10:57	01/24/20 09:35

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### SAMPLE ANALYTE COUNT

Project: 19006  
Pace Project No.: 10506358

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10506358001	VP-3	TO-15	MJL	22	PASI-M
10506358002	IA-1	TO-15	MJL	22	PASI-M

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 19006  
Pace Project No.: 10506358

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>10506358001</b>	<b>VP-3</b>					
TO-15	Dichlorodifluoromethane	2.5	ug/m3	1.8	01/25/20 18:43	
TO-15	Methylene Chloride	2.8J	ug/m3	6.5	01/25/20 18:43	
TO-15	Trichlorofluoromethane	1.9J	ug/m3	2.1	01/25/20 18:43	
<b>10506358002</b>	<b>IA-1</b>					
TO-15	Chloromethane	1.0	ug/m3	0.68	01/25/20 19:13	
TO-15	Dichlorodifluoromethane	2.5	ug/m3	1.6	01/25/20 19:13	
TO-15	Methylene Chloride	2.5J	ug/m3	5.7	01/25/20 19:13	
TO-15	Tetrachloroethene	23.3	ug/m3	1.1	01/25/20 19:13	
TO-15	Trichlorofluoromethane	1.4J	ug/m3	1.8	01/25/20 19:13	

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 19006  
Pace Project No.: 10506358

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**Method:** TO-15  
**Description:** TO15 MSV AIR  
**Client:** United Engineering UEC  
**Date:** January 28, 2020

**General Information:**

2 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 19006  
Pace Project No.: 10506358

**Sample: VP-3**      **Lab ID: 10506358001**      Collected: 01/21/20 11:12      Received: 01/24/20 09:35      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Carbon tetrachloride	<0.79	ug/m3	2.3	0.79	1.83		01/25/20 18:43	56-23-5	
Chloroethane	<0.48	ug/m3	0.98	0.48	1.83		01/25/20 18:43	75-00-3	
Chloroform	<0.36	ug/m3	0.91	0.36	1.83		01/25/20 18:43	67-66-3	
Chloromethane	<0.29	ug/m3	0.77	0.29	1.83		01/25/20 18:43	74-87-3	
1,2-Dichlorobenzene	<0.91	ug/m3	2.2	0.91	1.83		01/25/20 18:43	95-50-1	
1,4-Dichlorobenzene	<1.8	ug/m3	5.6	1.8	1.83		01/25/20 18:43	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.8	0.54	1.83		01/25/20 18:43	75-71-8	
1,1-Dichloroethane	<0.41	ug/m3	1.5	0.41	1.83		01/25/20 18:43	75-34-3	
1,2-Dichloroethane	<0.27	ug/m3	0.75	0.27	1.83		01/25/20 18:43	107-06-2	
1,1-Dichloroethene	<0.50	ug/m3	1.5	0.50	1.83		01/25/20 18:43	75-35-4	
cis-1,2-Dichloroethene	<0.40	ug/m3	1.5	0.40	1.83		01/25/20 18:43	156-59-2	
trans-1,2-Dichloroethene	<0.52	ug/m3	1.5	0.52	1.83		01/25/20 18:43	156-60-5	
Hexachloro-1,3-butadiene	<3.6	ug/m3	9.9	3.6	1.83		01/25/20 18:43	87-68-3	
Methylene Chloride	2.8J	ug/m3	6.5	2.2	1.83		01/25/20 18:43	75-09-2	
1,1,2,2-Tetrachloroethane	<0.57	ug/m3	1.3	0.57	1.83		01/25/20 18:43	79-34-5	
Tetrachloroethene	<0.57	ug/m3	1.3	0.57	1.83		01/25/20 18:43	127-18-4	
1,2,4-Trichlorobenzene	<6.8	ug/m3	13.8	6.8	1.83		01/25/20 18:43	120-82-1	
1,1,1-Trichloroethane	<0.57	ug/m3	2.0	0.57	1.83		01/25/20 18:43	71-55-6	
1,1,2-Trichloroethane	<0.44	ug/m3	1.0	0.44	1.83		01/25/20 18:43	79-00-5	
Trichloroethene	<0.46	ug/m3	1.0	0.46	1.83		01/25/20 18:43	79-01-6	
Trichlorofluoromethane	1.9J	ug/m3	2.1	0.67	1.83		01/25/20 18:43	75-69-4	
Vinyl chloride	<0.23	ug/m3	0.48	0.23	1.83		01/25/20 18:43	75-01-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 19006  
Pace Project No.: 10506358

**Sample: IA-1**      **Lab ID: 10506358002**      Collected: 01/22/20 10:57      Received: 01/24/20 09:35      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Carbon tetrachloride	<0.69	ug/m3	2.1	0.69	1.61		01/25/20 19:13	56-23-5	
Chloroethane	<0.42	ug/m3	0.86	0.42	1.61		01/25/20 19:13	75-00-3	
Chloroform	<0.32	ug/m3	0.80	0.32	1.61		01/25/20 19:13	67-66-3	
Chloromethane	1.0	ug/m3	0.68	0.25	1.61		01/25/20 19:13	74-87-3	
1,2-Dichlorobenzene	<0.80	ug/m3	2.0	0.80	1.61		01/25/20 19:13	95-50-1	
1,4-Dichlorobenzene	<1.6	ug/m3	4.9	1.6	1.61		01/25/20 19:13	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.6	0.47	1.61		01/25/20 19:13	75-71-8	
1,1-Dichloroethane	<0.36	ug/m3	1.3	0.36	1.61		01/25/20 19:13	75-34-3	
1,2-Dichloroethane	<0.24	ug/m3	0.66	0.24	1.61		01/25/20 19:13	107-06-2	
1,1-Dichloroethene	<0.44	ug/m3	1.3	0.44	1.61		01/25/20 19:13	75-35-4	
cis-1,2-Dichloroethene	<0.35	ug/m3	1.3	0.35	1.61		01/25/20 19:13	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/m3	1.3	0.46	1.61		01/25/20 19:13	156-60-5	
Hexachloro-1,3-butadiene	<3.2	ug/m3	8.7	3.2	1.61		01/25/20 19:13	87-68-3	
Methylene Chloride	2.5J	ug/m3	5.7	1.9	1.61		01/25/20 19:13	75-09-2	
1,1,2,2-Tetrachloroethane	<0.50	ug/m3	1.1	0.50	1.61		01/25/20 19:13	79-34-5	
Tetrachloroethene	23.3	ug/m3	1.1	0.51	1.61		01/25/20 19:13	127-18-4	
1,2,4-Trichlorobenzene	<6.0	ug/m3	12.1	6.0	1.61		01/25/20 19:13	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/m3	1.8	0.50	1.61		01/25/20 19:13	71-55-6	
1,1,2-Trichloroethane	<0.39	ug/m3	0.89	0.39	1.61		01/25/20 19:13	79-00-5	
Trichloroethene	<0.41	ug/m3	0.88	0.41	1.61		01/25/20 19:13	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.8	0.59	1.61		01/25/20 19:13	75-69-4	
Vinyl chloride	<0.20	ug/m3	0.42	0.20	1.61		01/25/20 19:13	75-01-4	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 19006  
Pace Project No.: 10506358

QC Batch: 656564 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10506358001, 10506358002

METHOD BLANK: 3526971 Matrix: Air  
Associated Lab Samples: 10506358001, 10506358002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.15	0.56	01/25/20 09:06	
1,1,2,2-Tetrachloroethane	ug/m3	<0.15	0.35	01/25/20 09:06	
1,1,2-Trichloroethane	ug/m3	<0.12	0.28	01/25/20 09:06	
1,1-Dichloroethane	ug/m3	<0.11	0.41	01/25/20 09:06	
1,1-Dichloroethene	ug/m3	<0.14	0.40	01/25/20 09:06	
1,2,4-Trichlorobenzene	ug/m3	<1.9	3.8	01/25/20 09:06	
1,2-Dichlorobenzene	ug/m3	<0.25	0.61	01/25/20 09:06	
1,2-Dichloroethane	ug/m3	<0.075	0.21	01/25/20 09:06	
1,4-Dichlorobenzene	ug/m3	<0.50	1.5	01/25/20 09:06	
Carbon tetrachloride	ug/m3	<0.21	0.64	01/25/20 09:06	
Chloroethane	ug/m3	<0.13	0.27	01/25/20 09:06	
Chloroform	ug/m3	<0.098	0.25	01/25/20 09:06	
Chloromethane	ug/m3	<0.078	0.21	01/25/20 09:06	
cis-1,2-Dichloroethene	ug/m3	<0.11	0.40	01/25/20 09:06	
Dichlorodifluoromethane	ug/m3	<0.15	0.50	01/25/20 09:06	
Hexachloro-1,3-butadiene	ug/m3	<0.98	2.7	01/25/20 09:06	
Methylene Chloride	ug/m3	<0.60	1.8	01/25/20 09:06	
Tetrachloroethene	ug/m3	<0.16	0.34	01/25/20 09:06	
trans-1,2-Dichloroethene	ug/m3	<0.14	0.40	01/25/20 09:06	
Trichloroethene	ug/m3	<0.13	0.27	01/25/20 09:06	
Trichlorofluoromethane	ug/m3	<0.18	0.57	01/25/20 09:06	
Vinyl chloride	ug/m3	<0.063	0.13	01/25/20 09:06	

LABORATORY CONTROL SAMPLE: 3526972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	58.9	106	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	73.7	106	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	57.4	104	70-133	
1,1-Dichloroethane	ug/m3	41.1	43.3	105	70-130	
1,1-Dichloroethene	ug/m3	40.3	41.4	103	69-137	
1,2,4-Trichlorobenzene	ug/m3	75.4	66.3	88	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	71.7	117	70-136	
1,2-Dichloroethane	ug/m3	41.1	44.7	109	70-130	
1,4-Dichlorobenzene	ug/m3	61.1	58.6	96	70-145	
Carbon tetrachloride	ug/m3	64	72.1	113	70-133	
Chloroethane	ug/m3	26.8	27.4	102	70-141	
Chloroform	ug/m3	49.6	51.8	104	70-130	
Chloromethane	ug/m3	21	19.6	93	64-137	
cis-1,2-Dichloroethene	ug/m3	40.3	41.0	102	70-132	

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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**QUALITY CONTROL DATA**

Project: 19006  
Pace Project No.: 10506358

LABORATORY CONTROL SAMPLE: 3526972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dichlorodifluoromethane	ug/m3	50.3	53.2	106	70-130	
Hexachloro-1,3-butadiene	ug/m3	108	126	116	70-134	
Methylene Chloride	ug/m3	177	167	95	69-130	
Tetrachloroethene	ug/m3	68.9	70.9	103	70-136	
trans-1,2-Dichloroethene	ug/m3	40.3	40.0	99	70-132	
Trichloroethene	ug/m3	54.6	57.3	105	70-132	
Trichlorofluoromethane	ug/m3	57.1	61.2	107	65-136	
Vinyl chloride	ug/m3	26	25.8	99	68-141	

SAMPLE DUPLICATE: 3527077

Parameter	Units	10505924001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.44			25
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.44			25
1,1,2-Trichloroethane	ug/m3	ND	<0.35			25
1,1-Dichloroethane	ug/m3	ND	<0.32			25
1,1-Dichloroethene	ug/m3	ND	<0.39			25
1,2,4-Trichlorobenzene	ug/m3	ND	<5.4			25
1,2-Dichlorobenzene	ug/m3	ND	<0.72			25
1,2-Dichloroethane	ug/m3	ND	<0.22			25
1,4-Dichlorobenzene	ug/m3	ND	<1.4			25
Carbon tetrachloride	ug/m3	ND	<0.62			25
Chloroethane	ug/m3	ND	<0.37			25
Chloroform	ug/m3	ND	<0.28			25
Chloromethane	ug/m3	0.87	0.92	5		25
cis-1,2-Dichloroethene	ug/m3	ND	<0.32			25
Dichlorodifluoromethane	ug/m3	2.6	2.6	1		25
Hexachloro-1,3-butadiene	ug/m3	ND	<2.8			25
Methylene Chloride	ug/m3	ND	4.0J			25
Tetrachloroethene	ug/m3	ND	<0.45			25
trans-1,2-Dichloroethene	ug/m3	ND	<0.41			25
Trichloroethene	ug/m3	ND	<0.36			25
Trichlorofluoromethane	ug/m3	ND	1.5J			25
Vinyl chloride	ug/m3	ND	<0.18			25

SAMPLE DUPLICATE: 3527078

Parameter	Units	10505924003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.51			25
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.51			25
1,1,2-Trichloroethane	ug/m3	ND	<0.40			25
1,1-Dichloroethane	ug/m3	ND	<0.37			25
1,1-Dichloroethene	ug/m3	ND	<0.45			25
1,2,4-Trichlorobenzene	ug/m3	ND	<6.1			25

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 19006  
Pace Project No.: 10506358

SAMPLE DUPLICATE: 3527078

Parameter	Units	10505924003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichlorobenzene	ug/m3	ND	<0.82		25	
1,2-Dichloroethane	ug/m3	ND	<0.25		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.6		25	
Carbon tetrachloride	ug/m3	ND	<0.70		25	
Chloroethane	ug/m3	ND	<0.43		25	
Chloroform	ug/m3	ND	<0.32		25	
Chloromethane	ug/m3	0.91	0.96	6	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.36		25	
Dichlorodifluoromethane	ug/m3	2.7	2.7	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<3.2		25	
Methylene Chloride	ug/m3	ND	4.1J		25	
Tetrachloroethene	ug/m3	ND	<0.51		25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.47		25	
Trichloroethene	ug/m3	ND	<0.41		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl chloride	ug/m3	ND	<0.21		25	

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## QUALIFIERS

Project: 19006  
Pace Project No.: 10506358

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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.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 19006  
Pace Project No.: 10506358

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10506358001	VP-3	TO-15	656564		
10506358002	IA-1	TO-15	656564		

### REPORT OF LABORATORY ANALYSIS

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WO#: 10506358

**AIR: CHAIN-OF-CUSTODY**

The Chain-of-Custody is a LEGAL DOCUMENT.



10506358



Pace Analytical®

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<b>Section A</b> Required Client Information: Company: <u>VEG, INC.</u> Address: <u>2938 S. 166TH STREET</u> <u>NEW BERLIN, WI 53151</u> Email To: <u>TAVECO@SBCGLOBAL.NET</u> Phone: <u>262-785-1417</u> Fax: <u>262-786-4400</u> Requested Due Date/TAT: _____		<b>Section B</b> Required Project Information: Report To: <u>SAME</u> Copy To: _____ Purchase Order No.: _____ Project Name: _____ Project Number: <u>19006</u>		<b>Section C</b> Invoice Information: Attention: <u>TIM ANDERSON</u> Company Name: <u>SAME</u> Address: <u>SAME</u> Pace Quote Reference: _____ Pace Project Manager/Sales Rep. _____ Pace Profile #: <u>22083</u>		Page: <u>1</u> of <u>1</u> Program <input type="checkbox"/> UST Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RORA <input checked="" type="checkbox"/> Other Location of Sampling by State: <u>WI</u> Reporting Units ug/m <sup>3</sup> <input checked="" type="checkbox"/> mg/m <sup>3</sup> _____ PPMV _____ PPMV _____ Other _____ Report Level II. _____ III. _____ IV. _____ Other _____								
<b>Section D</b> Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE		Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Purif LVP High Volume Purif HVP Other PM10		Method: <input type="checkbox"/> PM10 <input type="checkbox"/> 3C - Fixed Gas (%) <input type="checkbox"/> TO-3 BTEX <input type="checkbox"/> TO-3M (Methane) <input type="checkbox"/> TO-14 <input type="checkbox"/> TO-15 Full List VOCs <input type="checkbox"/> TO-15 Short List BTEX <input type="checkbox"/> TO-15 Short List Other <input type="checkbox"/> TO-15 Short List Chromium		Pace Lab ID <u>001</u> <u>002</u>								
ITEM #	MEDIA CODE	PID Reading (Client only)	COLLECTED		Canister Pressure (Initial Field - In Hg)	Canister Pressure (Final Field - In Hg)	Summa Can. Number	Flow Control Number	Method	Temp In °C	Received on Ice	Custody Sealed Cooler	Samples Intact	
1	6LL	1/21/20	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
2	6LL	1/21/20	10:42	11:12	1/21/20	11:12	30 B	3690	X					
3			10:57	10:57	1/21/20	10:57	30 S	2049	X					
4														
5														
6														
7														
8														
9														
10														
11														
12														

Comments :

RELINQUISHED BY / AFFILIATION  
VEG, INC.

DATE  
1/21/20

TIME  
11:26

ACCEPTED BY / AFFILIATION  
Tim Anderson

DATE  
1/21/20

TIME  
9:35

Temp In °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE  
 PRINT Name of SAMPLER: NICK ANDERSON  
 SIGNATURE of SAMPLER: Nick Anderson  
 DATE Signed (MM/DD/YY) 01/22/20

ORIGINAL



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:  
**UNITED ENGINEERING**

Project #:

**WO#: 10506358**

PM: KNH

Due Date: 01/31/20

CLIENT: United Eng

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

Tracking Number: 1083 0283 6626

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): X Corrected Temp (°C): X

Thermometer Used:  G87A9170600254  
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X

Date & Initials of Person Examining Contents: 1/24/20 CMJ

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 #  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
VP-3	3690	1994	-8	45					
IA-1	2049	1833	-5	45					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?  Yes  No

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

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

Project Manager Review: Kirsten Hooper

Date: 1/24/2020

Page 15 of 15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)