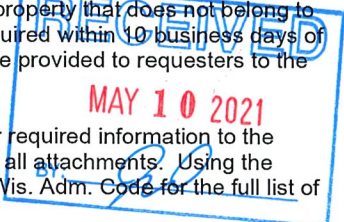


Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants 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 #)	
Former Navistar/RMG Foundry		02-68-098404	
Address	City	State	ZIP Code
1401 Perkins Avenue	Waukesha	WI	53186

Responsible Party

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

Property Owner

Navistar, Inc.

Address	City	State	ZIP Code
2701 Navistar Drive	Lisle	IL	60532

Contact Person

Ferdinand Alido

Person or company that collected samples

KPRG and Associates, Inc.

Phone Number (include area code)
(331) 332-6364

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Site Investigation

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 checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input checked="" 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.

Yes No

If yes, the sampled drinking water well had detectable contaminants.

Yes No

Contaminants in Vapor

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

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.

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	
KPRG and Associates, Inc.		Gnat	Richard	
Address		City	State	ZIP Code
14665 W. Lisbon Rd., Suite 1A		Brookfield	WI	53005
Phone # (inc. area code)	Email			
(262) 781-0475	richardg@kprginc.com			

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)	
Drews		Mark	(262) 574-2146	
Address		City	State	ZIP Code
141 NW Barstow Street, Room 180		Waukesha	WI	53188
Email				
mark.drews@wisconsin.gov				

K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

April 28, 2021

Mr. Elliot Erickson
Property Owner
egreteight@comcast.net

SUBJECT: Transmittal of Air and Vapor Sampling Data
1231 The Strand – Heale Manufacturing

Dear Mr. Erickson,

As you are aware, in October 2019 KPRG and Associates, Inc. (KPRG) completed a high-volume purge method sub-slab vapor sampling program at the Heale Manufacturing facility located at 1231 The Strand in Waukesha, Wisconsin. This work was done as part of an ongoing, voluntary environmental investigation in the area proximal to the former Navistar/RMG foundry. All work is being completed under the direction and supervision of Wisconsin Department of Natural Resources (WDNR). The high-volume purge program included five high-volume extraction points identified as HM-HV-1 through HM-HV-5 on the attached Figure 1. The associated sub-slab vapor samples were analyzed for trichloroethene (TCE). The results of that sampling were provided to Heale Manufacturing in a letter dated November 4, 2019 and the data from that sampling are included in Attachment 1 for reference. In addition, one indoor air sample (IA-1), one outdoor air sample (OA-1) and two sub-slab vapor pin samples (VP-1 and VP-2) were collected from within the administrative portion of the facility (see Figure 1) on May 27, 2020 and analyzed for TCE. Those data were provided in a letter dated June 4, 2020 and are included in Tables 1 and 2.

WDNR's review of the high-volume purge data collected in 2019 stated that the data for the pressure field extension ports showed inconsistent response and therefore points to the vapor samples not being representative of the entire slab and in some cases preferentially drawing air from the exterior of the building. To further evaluate the sub-slab vapor conditions beneath the manufacturing portion of the facility, WDNR requested that individual vapor pins be installed and sampled to provide more reliable/representative data. KPRG developed a Work Plan dated February 4, 2021 to properly abandon/plug the high-volume purge sampling points and install five individual sub-slab vapor pins at each of those testing locations. On February 10, 2021, the high-volume purge points were abandoned and the new vapor pins installed in accordance with the Work Plan. The vapor pin installations were successfully tested for tightness using the helium shroud method. The vapor pin sampling points are identified as VP-3 through VP-7 on Figure 1.

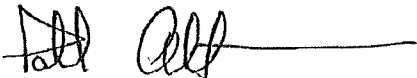
On February 12, 2021 and subsequently April 14, 2021, KPRG completed two rounds of air and sub-slab vapor sampling at the facility. Both rounds included two indoor air samples (IA-1 and IA-2) and two sub-slab vapor samples (VP-1 and VP-2) within the administrative portion of the

facility, an outdoor air sample (OA-1), and five sub-slab vapor samples within the manufacturing portion of the facility (VP-3 through VP-7). The sub-slab sampling equipment trains (i.e., tubing and connections) were successfully checked for tightness with shut-in tests. The sample locations are provided on Figure 1. All samples were analyzed for TCE. We have recently received that analytical data for the second round which are summarized in Tables 1 and 2 which include the previous round data and the WDNR Vapor Action Level (VAL) for indoor air and Vapor Risk Screening Level (VRSL) for sub-slab vapors assuming large commercial/industrial use. A review of the data results in the following observations:

- There were no exceedances of the large commercial/industrial VAL for TCE in any of the indoor air samples and there were no exceedances of the large commercial/industrial VRSL for TCE in any of the sub-slab vapor pin samples.
- The footnotes of Tables 1 and 2 also provide the small commercial use VAL and VRSL for TCE. There were no exceedances of those values as well during this sampling event, with the exception of VP-7.
- The relative distribution of sub-slab vapor concentrations from vapor pins VP-3 through VP-7 remain generally consistent.

Based on this data, at this time it does not appear that the installation of a sub-slab depressurization system (SSDS) is warranted at the Heale Manufacturing facility. Thank you for allowing access to your property for this study. If you have any questions please call me at 262-781-0475. You can also contact the WDNR Project Manager, Mark Drews, with any questions at 414-207-2133.

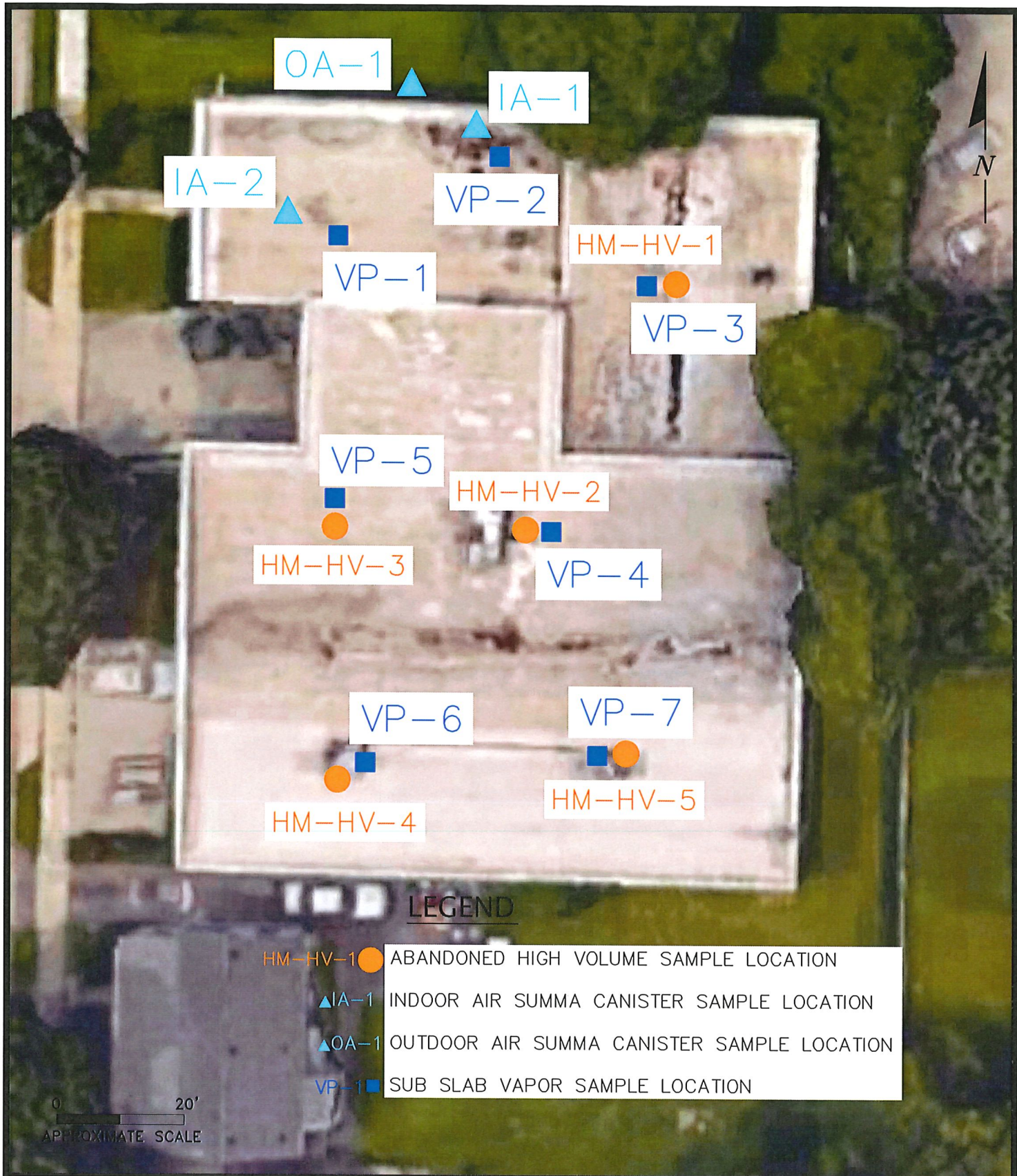
Sincerely,
KPRG and Associates, Inc.



Patrick Allenstein, P.G.
Senior Geologist

enclosures

cc: Mark Drews, WDNR
James Walden, WDNR



LEGEND

- HM-HV-1 ● ABANDONED HIGH VOLUME SAMPLE LOCATION
- ▲ IA-1 INDOOR AIR SUMMA CANISTER SAMPLE LOCATION
- ▲ OA-1 OUTDOOR AIR SUMMA CANISTER SAMPLE LOCATION
- VP-1 ■ SUB SLAB VAPOR SAMPLE LOCATION

0 20'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION		HEALE MANUFACTURING VAPOR SAMPLE LOCATION MAP	
<div style="font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">K P R G</div> <p style="font-size: 0.8em;">KPRG and Associates, inc.</p> <p style="font-size: 0.7em;">14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478</p> <p style="font-size: 0.7em;">414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593</p>		<p style="font-size: 0.8em;">RMG WAUKESHA FOUNDRY 1401 PERKINS AVE. WAUKESHA, WI</p> <p style="font-size: 0.8em;">Scale: 1" = 20' Date: February 24, 2021</p> <p style="font-size: 0.8em;">KPRG Project No. 11717 FIGURE 1</p>	

W:\Projects\Navistar\Navistar Drawings

Table 1. Heale Manufacturing (1231 The Strand), Indoor/Outdoor Air Sampling Analytical Results for TCE

Sample ID		WDNR Large Commercial/Industrial Indoor Air VAL	IA-1			IA-2			OA-1		
Parameter	Date		05/27/20	02/12/21	04/14/21	05/27/20	02/12/21	04/14/21	05/27/20	02/12/21	04/14/21
Trichloroethene		8.8	2.8	<0.30	<0.30	NS	<0.31	<0.30	0.39 J	<0.32	<0.29

Notes: All values are in ug/m3.
 IA/OA - Indoor Air/Outdoor Air
 VAL - Vapor Action Level
 J - Estimated concentration below method detection limit but above instrument limit.
 NS - No sample
 Note: VAL for small commercial same as for large commercial/industrial.

Table 2. Heale Manufacturing (1231 The Strand), Sub-slab Vapor Sampling Analytical Results for TCE

Sample ID		WDNR Large Commercial/Industrial VRSL	VP-1			VP-2			VP-3		VP-4		VP-5		VP-6		VP-7	
Parameter	Date		05/27/20	02/12/21	04/14/21	05/27/20	02/12/21	04/14/21	02/12/21	04/14/21	02/12/21	04/14/21	02/12/21	04/14/21	02/12/21	04/14/21	02/12/21	04/14/21
Trichloroethene		880	24.7	0.42J	0.92	27	3.3	5.2	0.75J	55.8	16.1	33.4	8.5	24.0	36.1	41.3	254	664

Notes: All values are in ug/m3.
 VRSL - Vapor Risk Screening Level
 J - Estimated concentration below method detection limit but above instrument limit.
 Note: VRSL for small commercial sub-slab vapor is 290 ug/m3.

ATTACHMENT 1
2019 High-Purge Sub-Slab Vapor Test Results

Table 1. Heale Manufacturing (1231 The Strand), Sub-slab Vapor Sampling Analytical Results for TCE

Sample ID	WDNR Industrial VRSL	HM-HV-1	HM-HV-2	HM-HV-3	HM-HV-4	HM-HV-5
Parameter	Date	Sub-Slab	10/23/2019	10/23/2019	10/23/2019	10/23/2019
Trichloroethene	880	61.1	70.6	31.8	104	475

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

104 - Result exceeds the VRSL

April 26, 2021

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

RE: Project: 11717 Navistar
Pace Project No.: 10555961

Dear Richard Gnat:

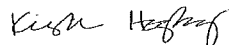
Enclosed are the analytical results for sample(s) received by the laboratory on April 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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

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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11717 Navistar
Pace Project No.: 10555961

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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SAMPLE SUMMARY

Project: 11717 Navistar
Pace Project No.: 10555961

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10555961001	1231 The Strand IA-1	Air	04/14/21 15:18	04/19/21 13:46
10555961002	1231 The Strand IA-2	Air	04/14/21 15:19	04/19/21 13:46
10555961003	1231 The Strand OA-1	Air	04/14/21 15:16	04/19/21 13:46
10555961004	1231 The Strand VP-1	Air	04/14/21 15:57	04/19/21 13:46
10555961005	1231 The Strand VP-2	Air	04/14/21 16:05	04/19/21 13:46
10555961006	1231 The Strand VP-3	Air	04/14/21 16:51	04/19/21 13:46
10555961007	1231 The Strand VP-4	Air	04/14/21 16:54	04/19/21 13:46
10555961008	1231 The Strand VP-5	Air	04/14/21 16:57	04/19/21 13:46
10555961009	1231 The Strand VP-6	Air	04/14/21 17:03	04/19/21 13:46
10555961010	1231 The Strand VP-7	Air	04/14/21 17:05	04/19/21 13:46

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SAMPLE ANALYTE COUNT

Project: 11717 Navistar
Pace Project No.: 10555961

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10555961001	1231 The Strand IA-1	TO-15	EMC	1
10555961002	1231 The Strand IA-2	TO-15	EMC	1
10555961003	1231 The Strand OA-1	TO-15	GT	1
10555961004	1231 The Strand VP-1	TO-15	GT	1
10555961005	1231 The Strand VP-2	TO-15	GT	1
10555961006	1231 The Strand VP-3	TO-15	GT	1
10555961007	1231 The Strand VP-4	TO-15	GT	1
10555961008	1231 The Strand VP-5	TO-15	GT	1
10555961009	1231 The Strand VP-6	TO-15	GT	1
10555961010	1231 The Strand VP-7	TO-15	GT	1

PASI-M = Pace Analytical Services - Minneapolis

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ANALYTICAL RESULTS

Project: 11717 Navistar
Pace Project No.: 10555961

Sample: 1231 The Strand IA-1 Lab ID: 10555961001 Collected: 04/14/21 15:18 Received: 04/19/21 13:46 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Trichloroethene	<0.30	ug/m3	0.83	0.30	1.52		04/22/21 00:39	79-01-6	

Sample: 1231 The Strand IA-2 Lab ID: 10555961002 Collected: 04/14/21 15:19 Received: 04/19/21 13:46 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Trichloroethene	<0.30	ug/m3	0.85	0.30	1.55		04/22/21 01:16	79-01-6	

Sample: 1231 The Strand OA-1 Lab ID: 10555961003 Collected: 04/14/21 15:16 Received: 04/19/21 13:46 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Trichloroethene	<0.29	ug/m3	0.80	0.29	1.46		04/24/21 01:47	79-01-6	

Sample: 1231 The Strand VP-1 Lab ID: 10555961004 Collected: 04/14/21 15:57 Received: 04/19/21 13:46 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Trichloroethene	0.92	ug/m3	0.90	0.32	1.64		04/26/21 09:45	79-01-6	

Sample: 1231 The Strand VP-2 Lab ID: 10555961005 Collected: 04/14/21 16:05 Received: 04/19/21 13:46 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Trichloroethene	5.2	ug/m3	0.85	0.30	1.55		04/24/21 02:16	79-01-6	

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ANALYTICAL RESULTS

Project: 11717 Navistar
Pace Project No.: 10555961

Sample: 1231 The Strand VP-3 Lab ID: 10555961006 Collected: 04/14/21 16:51 Received: 04/19/21 13:46 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Trichloroethene	55.8	ug/m3	0.90	0.32	1.64		04/24/21 05:41	79-01-6	
Sample: 1231 The Strand VP-4 Lab ID: 10555961007 Collected: 04/14/21 16:54 Received: 04/19/21 13:46 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Trichloroethene	33.4	ug/m3	0.90	0.32	1.64		04/24/21 04:13	79-01-6	
Sample: 1231 The Strand VP-5 Lab ID: 10555961008 Collected: 04/14/21 16:57 Received: 04/19/21 13:46 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Trichloroethene	24.0	ug/m3	0.93	0.34	1.71		04/24/21 02:46	79-01-6	
Sample: 1231 The Strand VP-6 Lab ID: 10555961009 Collected: 04/14/21 17:03 Received: 04/19/21 13:46 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Trichloroethene	41.3	ug/m3	0.92	0.33	1.68		04/24/21 04:43	79-01-6	
Sample: 1231 The Strand VP-7 Lab ID: 10555961010 Collected: 04/14/21 17:05 Received: 04/19/21 13:46 Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15 Pace Analytical Services - Minneapolis									
Trichloroethene	664	ug/m3	30.6	11.0	56.1		04/26/21 10:12	79-01-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 Navistar
Pace Project No.: 10555961

QC Batch: 736501 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10555961001, 10555961002

METHOD BLANK: 3926298 Matrix: Air
Associated Lab Samples: 10555961001, 10555961002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/m3	<0.20	0.55	04/21/21 12:21	

LABORATORY CONTROL SAMPLE: 3926299

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/m3	58.4	65.5	112	70-130	

SAMPLE DUPLICATE: 3929231

Parameter	Units	10554754012 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	ug/m3	103	105	1	25	

SAMPLE DUPLICATE: 3929232

Parameter	Units	10554754013 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	ug/m3	145	144	1	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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 Navistar
Pace Project No.: 10555961

QC Batch:	737167	Analysis Method:	TO-15
QC Batch Method:	TO-15	Analysis Description:	TO15 MSV AIR Low Level
		Laboratory:	Pace Analytical Services - Minneapolis

Associated Lab Samples: 10555961003, 10555961004, 10555961005, 10555961006, 10555961007, 10555961008, 10555961009, 10555961010

METHOD BLANK: 3930974 Matrix: Air
Associated Lab Samples: 10555961003, 10555961004, 10555961005, 10555961006, 10555961007, 10555961008, 10555961009, 10555961010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/m3	<0.098	0.27	04/23/21 11:50	

LABORATORY CONTROL SAMPLE: 3930975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/m3	58.4	70.5	121	70-130	

SAMPLE DUPLICATE: 3932476

Parameter	Units	10555965002 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	ug/m3	<0.49	<0.49		25	

SAMPLE DUPLICATE: 3932477

Parameter	Units	10555965003 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	ug/m3	1.5	1.6	7	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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11717 Navistar
Pace Project No.: 10555961

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: 11717 Navistar
Pace Project No.: 10555961

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10555961001	1231 The Strand IA-1	TO-15	736501		
10555961002	1231 The Strand IA-2	TO-15	736501		
10555961003	1231 The Strand OA-1	TO-15	737167		
10555961004	1231 The Strand VP-1	TO-15	737167		
10555961005	1231 The Strand VP-2	TO-15	737167		
10555961006	1231 The Strand VP-3	TO-15	737167		
10555961007	1231 The Strand VP-4	TO-15	737167		
10555961008	1231 The Strand VP-5	TO-15	737167		
10555961009	1231 The Strand VP-6	TO-15	737167		
10555961010	1231 The Strand VP-7	TO-15	737167		

REPORT OF LABORATORY ANALYSIS

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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.

42656

Page: 1 of 1

Section A Required Client Information: Company: <i>KPRG and Associates</i> Address: <i>14665 W. Lisbon Rd. Ste 1A Brookfield, WI 53005</i> Email To: <i>richn@kprg.com</i> Phone: <i>262-781-0475</i> Fax: Requested Due Date/TAT: <i>Standard</i>	Section B Required Project Information: Report To: <i>Rich Gant</i> Copy To: Purchase Order No.: Project Name: <i>Navigator</i> Project Number: <i>11717</i>	Section C Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: <i>38367</i>	Program <input type="checkbox"/> UST <input type="checkbox"/> 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"/> RCRA <input type="checkbox"/> Other Location of Sampling by State _____ Reporting Units ug/m ³ _____ mg/m ³ _____ PPBV _____ PPMV _____ Other _____ Report Level II. ___ III. ___ IV. ___ Other ___
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ITEM #	'Section D Required Client Information AIR SAMPLE ID 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 Puff LVP High Volume Puff HVP Other PM10	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:								Pace Lab ID		
					COMPOSITE START		COMPOSITE - ENDIGRAB						PM10	3c - Fixed Gas (%)	TO-13 BTEX	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List Other			
					DATE	TIME	DATE	TIME															
1	1231 The Strand IA-1		6LC		4/13	1536	4/14	1518	25	0	2840	1910									X	001	
2	1231 The Strand IA-2				4/13	1537	4/14	1519	30	5	3441	1908											002
3	1231 The Strand OA-1				4/13	1534	4/14	1516	28	4	0208	1835											003
4	1231 The Strand VP-1				4/14	1525	4/14	1557	28	5	2697	1902											004
5	1231 The Strand VP-2				4/14	1532	4/14	1605	28	5	2157	1826											005
6	1231 The Strand VP-3				4/14	1618	4/14	1651	29	5	2831	2690											006
7	1231 The Strand VP-4				4/14	1622	4/14	1654	28	6	2322	2508											007
8	1231 The Strand VP-5				4/14	1625	4/14	1657	29	7	2721	1822											008
9	1231 The Strand VP-6				4/14	1631	4/14	1703	30	7	2303	1580											009
10	1231 The Strand VP-7				4/14	1633	4/14	1705	29	9	1563	0986											010

Comments :

TCE ONLY

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS							
<i>Rich Gant / KPRG</i>	4/15	1400	<i>Mitchel Dolan</i>	4/15/21	1400	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	Y/N	Y/N	Y/N	Y/N
			<i>Mitchel Dolan</i>	4/19/21	13:46					Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Mitchel Dolan</i> SIGNATURE of SAMPLER: <i>Mitchel Dolan</i>		DATE Signed (MM/DD/YYYY) <i>04/15/21</i>
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WO# : 10555961





Document Name:
Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.:
ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services -
Minneapolis

Air Sample Condition Upon Receipt

Client Name: KPRG

Project #:

WO# : 10555961

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

PM: KNH Due Date: 04/26/21
CLIENT: KPRG

Tracking Number: _____

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: 4-19-21 MT

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 type="checkbox"/> Yes <input checked="" 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 <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
1231	IA-1	2840	1910	-3.5	1231	VP-6	2303	1580	-6
"	IA-2	3441	1908	-4	"	VP-7	1563	986	-8.5
"	OA-1	708	1835	-2.5					
"	VP-1	2697	1902	-5.5					
"	VP-2	2157	1826	-4					
"	VP-3	2831	2690	-5.5					
"	VP-4	2322	2508	-5.5					
"	VP-5	2721	1822	-6.5					

CLIENT NOTIFICATION/RESOLUTION

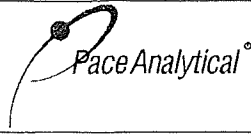
Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hopewell

Date: 4/20/2021



Document Name: Sample Condition Upon Receipt (SCUR) Exception Form	Document Revised: 04Jun2020 Page 1 of 1
Document No.: ENV-FRM-MIN4-0142 Rev.01	Pace Analytical Services - Minneapolis

SCUR Exceptions:

Workorder #: 10555961

Out of Temp Sample IDs	Container Type	# of Containers	PM Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No																		
			If yes, indicate who was contacted/date/time. If no, indicate reason why.																		
			Multiple Cooler Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If you answered yes, fill out information to the left.																		
			No Temp Blank <table border="1" style="width: 100%;"> <thead> <tr> <th>Read Temp</th> <th>Corrected Temp</th> <th>Average Temp</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Read Temp	Corrected Temp	Average Temp															
Read Temp	Corrected Temp	Average Temp																			

Tracking Number/Temperature
17232550 4610
7366
4621
7377

Issue Type:	Container Type	# of Containers
Sample ID		

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preserv.	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition? <input type="checkbox"/> Yes <input type="checkbox"/> No	Initials
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	

Comments:
