State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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

Person or company that collected samples

KPRG and Associates, Inc.

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? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	○	○	○
Diesel or Fuel Oil	○	○	○	○
Solvents	◉	○	◉	○
Heavy Metals	◉	○	○	○
Pesticides	○	○	○	○
Other: _____	○	○	○	○

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	○	◉
Sub-slab	◉	○
Exterior Soil Gas	○	○

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.

MW-39 RESAMPLE DATA TRANSMITTAL

June 1, 2021

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. 11717

Re: Resampling of Well MW-39 Groundwater Data Transmittal
Former Navistar/RMG Foundry - 1401 Perkins Avenue, Waukesha, WI
BRRTS # 02-68-098404

Dear Mr. Drews:

The March 2021 sample for monitoring well MW-39 on the north side of Niagara Street (see Figure 1) indicated a trichloroethene (TCE) concentration of 41.7 ug/l. This was the first detection of TCE at this location above the NR 140 Enforcement Standard of 5 ug/l and was believed to be potentially associated with contaminant movement associated with a pilot test injection performed in May 2020 at the site. Based on WDNR review of the data transmittal, it was requested by WDNR that the well be resampled and to include potential additional parameters that may indicate residual impacts from the pilot test injection of sodium persulfate.

The well was resampled on May 20, 2021. The sample was screened in the field for sodium persulfate (a colorimetric field screen) and the field screening indicated no persulfate present. The sample was sent for analysis of chlorinated volatile organic compounds (CVOCs), sulfate and iron. The analytical data package is attached. A review of the resample data indicated a TCE concentration of 2.9 ug/l which was similar to previous sampling concentrations at this location suggesting that the 41.7 ug/l detection may have been a spurious lab result. No other CVOCs were detected. Previous sulfate and iron data for well MW-39 is compared to this most recent sampling below:

July 2018 – December 2018 Data	May 2021 Resample Data
Sulfate – 36.1 to 42.0 mg/l	41.7 mg/l
Iron – 6.04 to 13.9 mg/l	0.290 mg/l

The sulfate data is within the previously detected ranges at this location and the iron data is substantially lower. The data does not reflect potential injection residual at this location.

If there are any questions, please contact Ferdinand Alido of Navistar at 331-332-6364 or Richard Gnat of KPRG at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Richard R Gnat

Richard R. Gnat, P.G.
Principal

cc: Ferdinand Alido, Navistar, Inc.
Timothy Stohner, P.E., KPRG

FIGURE

LEGEND

- MW-24 — SAMPLED MONITORING WELL INSTALLED BY KPRG
- MW-13 — SAMPLED EXISTING MONITORING WELL
- MW-19 — EXISTING MONITORING WELL/ PIEZOMETER, NOT SAMPLED
- SURFACE WATER SAMPLE LOCATION
- SUBJECT SITE PROPERTY BOUNDARY

N

NAVISTAR PROPERTY LINE

MW-44, MW-26, MW-25, MW-54, MW-53, MW-38, MW-36, MW-39, MW-27, MW-9S, MW-9D, MW-15, MW-11, MW-9, MW-9D2, MW-13, MW-19, MW-16, MW-12, MW-18, MW-17, MW-24, MW-24D, MW-28, NMW-8R, MW-23, NMW-1, MW-30, MW-43, NMW-7, MW-25D, MW-29, MW-45, MW-31, MW-32, MW-33, NMW-3R, MW-34, NMW-4, CREEK-UPSTREAM, HOEO SPRING, MW-55, CREEK-DOWNSTREAM, MW-37, MW-46, MW-41, MW-40, MW-50, MW-52, MW-47, MW-49, MW-48, MW-51

0 200'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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

MONITORING WELLS SITE MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200'	Date: January 15, 2021
KPRG Project No. 11717	FIGURE 1

T:\Projects\Navistar\Navistar Drawings\11717 SI Maps_rev 4Q20 GW Update

ANALYTICAL DATA PACKAGE

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 28, 2021

Rich Gnat
KPRG AND ASSOCIATES, INC.
14665 W. Lisbon Road
Suite 1A
Brookfield, WI 53005

RE: Project: 11717 NAVISTAR
Pace Project No.: 40227326

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 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 - Green Bay

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

Sincerely,

Dan Milewsky

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Josh Davenport, KPRG and Associates, Inc.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40227326001	**MW-39**	Water	05/20/21 10:50	05/21/21 07:25

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40227326001	MW-39	EPA 6010D	TXW	1	PASI-G
		EPA 8260	MDS	13	PASI-G
		EPA 300.0	HMB	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40227326001	**MW-39**					
EPA 6010D	Iron	290	ug/L	100	05/25/21 17:42	
EPA 8260	Trichloroethene	2.9	ug/L	1.0	05/23/21 11:31	
EPA 300.0	Sulfate	41.5	mg/L	2.0	05/27/21 22:21	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Sample: MW-39 **Lab ID: 40227326001** Collected: 05/20/21 10:50 Received: 05/21/21 07:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**290**	ug/L	100	56.7	1	05/25/21 06:32	05/25/21 17:42	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/23/21 11:31	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		05/23/21 11:31	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		05/23/21 11:31	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		05/23/21 11:31	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		05/23/21 11:31	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		05/23/21 11:31	127-18-4	
Trichloroethene	**2.9**	ug/L	1.0	0.32	1		05/23/21 11:31	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		05/23/21 11:31	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		05/23/21 11:31	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		05/23/21 11:31	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		05/23/21 11:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		05/23/21 11:31	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		05/23/21 11:31	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**41.5**	mg/L	2.0	0.44	1		05/27/21 22:21	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40227326

QC Batch: 386238
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227326001

METHOD BLANK: 2228787 Matrix: Water
Associated Lab Samples: 40227326001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	05/25/21 17:09	

LABORATORY CONTROL SAMPLE: 2228788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5170	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2228789 2228790

Parameter	Units	40227316012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	84.6J	5000	5000	5360	5360	106	105	75-125	0	20	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40227326

QC Batch: 386071
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227326001

METHOD BLANK: 2228235 Matrix: Water
Associated Lab Samples: 40227326001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/23/21 09:21	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	05/23/21 09:21	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/23/21 09:21	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/23/21 09:21	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/23/21 09:21	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/23/21 09:21	
Tetrachloroethene	ug/L	<0.41	1.0	05/23/21 09:21	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/23/21 09:21	
Trichloroethene	ug/L	<0.32	1.0	05/23/21 09:21	
Vinyl chloride	ug/L	<0.17	1.0	05/23/21 09:21	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	05/23/21 09:21	
4-Bromofluorobenzene (S)	%	99	70-130	05/23/21 09:21	
Toluene-d8 (S)	%	94	70-130	05/23/21 09:21	

LABORATORY CONTROL SAMPLE: 2228236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.7	119	70-130	
1,1,2-Trichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethane	ug/L	50	56.7	113	68-132	
1,1-Dichloroethene	ug/L	50	54.9	110	85-126	
1,2-Dichloroethane	ug/L	50	61.5	123	70-130	
cis-1,2-Dichloroethene	ug/L	50	57.2	114	70-130	
Tetrachloroethene	ug/L	50	56.9	114	70-130	
trans-1,2-Dichloroethene	ug/L	50	56.0	112	70-130	
Trichloroethene	ug/L	50	58.2	116	70-130	
Vinyl chloride	ug/L	50	45.0	90	63-142	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2228237 2228238

Parameter	Units	40227334012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	61.1	60.1	122	120	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	55.1	53.1	110	106	70-130	4	20	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40227326

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2228237 2228238

Parameter	Units	40227334012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<0.30	50	50	57.8	56.0	116	112	68-132	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	56.8	114	114	76-132	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	61.4	60.0	123	120	70-130	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	57.6	57.4	115	115	70-130	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	57.2	57.6	114	115	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.1	56.1	114	112	70-134	2	20	
Trichloroethene	ug/L	<0.32	50	50	59.0	58.0	118	116	70-130	2	20	
Vinyl chloride	ug/L	<0.17	50	50	45.6	44.3	91	89	61-143	3	20	
1,2-Dichlorobenzene-d4 (S)	%						102	102	70-130			
4-Bromofluorobenzene (S)	%						104	103	70-130			
Toluene-d8 (S)	%						95	97	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40227326

QC Batch: 386357
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227326001

METHOD BLANK: 2229343 Matrix: Water
Associated Lab Samples: 40227326001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	05/27/21 20:11	

LABORATORY CONTROL SAMPLE: 2229344

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2229345 2229346

Parameter	Units	40227080001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	44.9	200	200	253	253	104	104	90-110	0	15	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 11717 NAVISTAR
Pace Project No.: 40227326

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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40227326

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40227326001	MW-39	EPA 3010A	386238	EPA 6010D	386337
40227326001	MW-39	EPA 8260	386071		
40227326001	MW-39	EPA 300.0	386357		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40227326

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG & Associates
Branch/Location:	Brookfield, WI
Project Contact:	Rich Gnat
Phone:	262-781-0475
Project Number:	11717
Project Name:	Navistar
Project State:	WI
Sampled By (Print):	Mitchel Dolan
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	B	CVOCs	Total Iron	Sulfate				
001	MW-39	5/20	1050	GW		X	X	X					

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	5/20/21 1250	Mary Jamin	5/20/21 1250
Mary Jamin	5/20/21 1410		
C.S. Logistics	5/21/21 0725		5/21/21 0725

PACE Project No.
40227326

Receipt Temp = 2.5 °C

Sample Receipt pH
(OK) Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: KPRG & ASSO. Project # 40227326

All containers needing preservation have been checked and noted below: ☒Yes ☐No ☐N/A

Lab Lot# of pH paper: 10P3601 Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MP Date/ Time:

	Glass								Plastic					Vials						Jars				General							
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001										1		1					3														X		2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
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012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																												5/21/21 MP					2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: (VOA) Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☒No ☐N/A ***If yes look in headspace column**

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40227326

40227326

Client Name: KPRG & Asso.

Courier: ☒ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 90 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 /Corr: 2.5

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 5/21/21 /Initials: LP

Labeled By Initials: AD

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☒No	☐N/A	2. Mail, Invoice 5/21/21 AD
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No		5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No		6.
Rush Turn Around Time Requested:	☐Yes	☒No		7.
Sufficient Volume:				8.
For Analysis: ☒Yes ☐No MS/MD:	☐Yes	☒No	☐N/A	
Correct Containers Used:	☒Yes	☐No		9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
Trip Blank Present:	☐Yes	☒No	☐N/A	13.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased): _____				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Page 2 of 2