



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER - SURFACE WATER
DATA TRANSMITTAL

November 18, 2022

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: Groundwater - Surface Water Data Transmittal
Former Navistar/RMG Foundry - 1401 Perkins Avenue, Waukesha, WI
BRRTS # 02-68-098404

Dear Mr. Drews:

The quarterly groundwater/surface water sampling was completed at the end of September 2022 by KPRG and Associates, Inc. (KPRG). This was the first groundwater sampling event after the full-scale sodium persulfate injection which was completed end of June 2022. The sampling included all newly installed monitoring wells that were installed in accordance with a conditional approval letter from WDNR for the groundwater injection remediation work dated August 6, 2021. The conditional approval required the installation of a new well cluster at the southeast corner of Niagara Street and White Rock Avenue (MW-56 and MW-56D), and a deeper piezometer clustered next to existing water table well MW-36 in Frame Park (MW-36D). Also completed, but not included in that letter, was the replacement of well MW-25 along Elm Street which was destroyed during redevelopment work by Bear Construction (MW-25R). The boring logs and well construction summaries are provided in Attachment 1. The well locations and top of casing elevations were also surveyed by a Wisconsin licensed surveyor. It is noted that one well was not sampled for this round; MW-32 was damaged and impacted by surface debris during demolition work associated with the foundry decommission. This well will be properly abandoned and replaced as demolition work in the area is completed.

The most recent and historic groundwater elevations are summarized in Table 1. The analytical data are summarized in Tables 2 and 3 along with previous available data for each monitoring point. A site map showing well locations is provided on Figure 1. A groundwater flow map and TCE isoconcentration map are also provided in Figures 2 and 3, respectively. The analytical data package is provided in Attachment 2.

A review of the groundwater flow map (Figure 2) shows groundwater flow in a west-northwesterly direction which is consistent with previous groundwater flow conditions beneath the site.

A review of the TCE isoconcentration map (Figure 3) as compared to the pre-injection sampling TCE isoconcentration contour map for march 2022 (see Attachment 3) indicates a substantial reduction in the overall TCE concentrations/mass within the area of injection at the northwest side of the facility. The subsequent two quarters of sampling will determine the need, if any for follow-up injection work.

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.








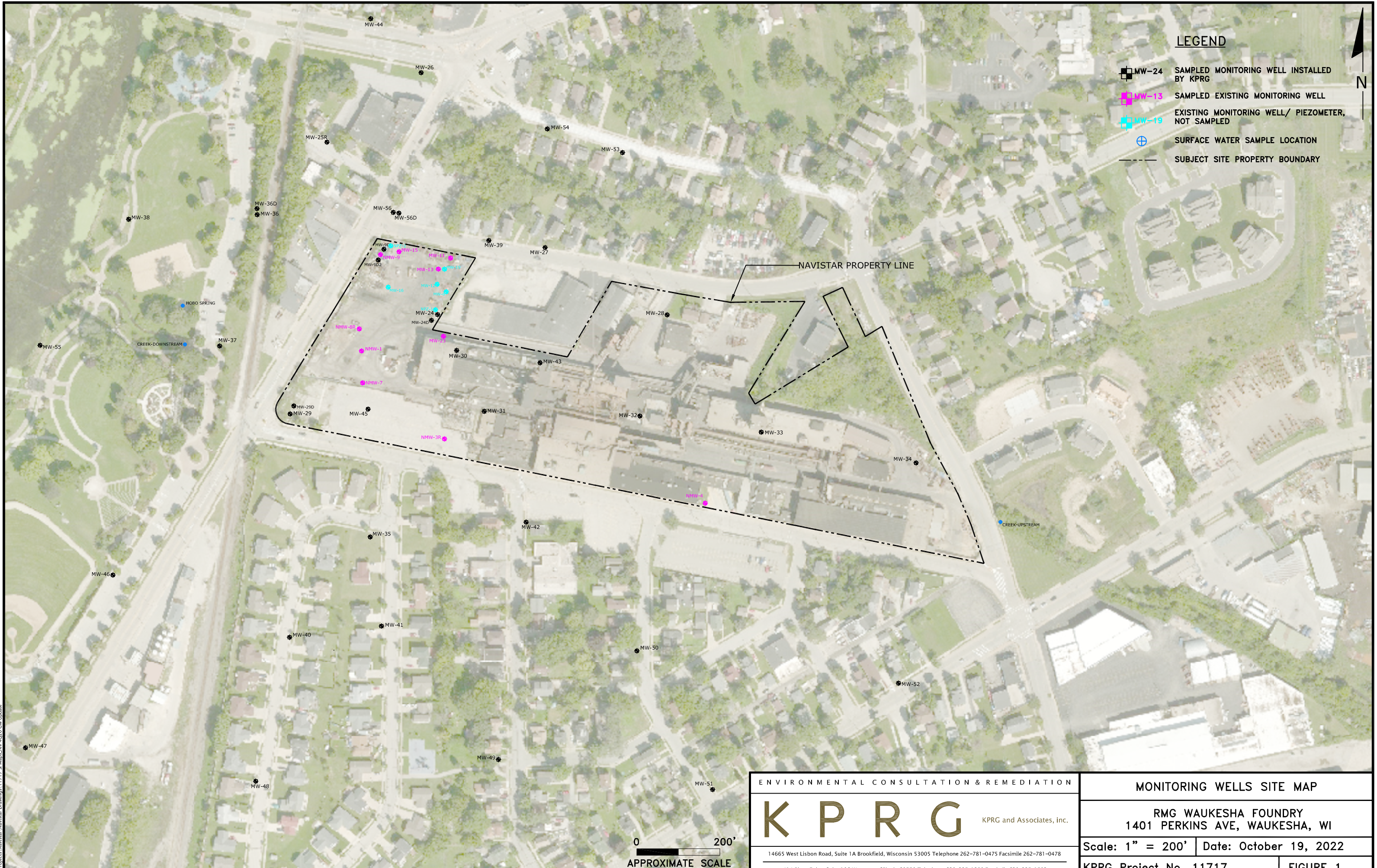
Richard R. Gnat, P.G.
Principal

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

FIGURES

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



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K P R G KPRG and Associates, Inc.

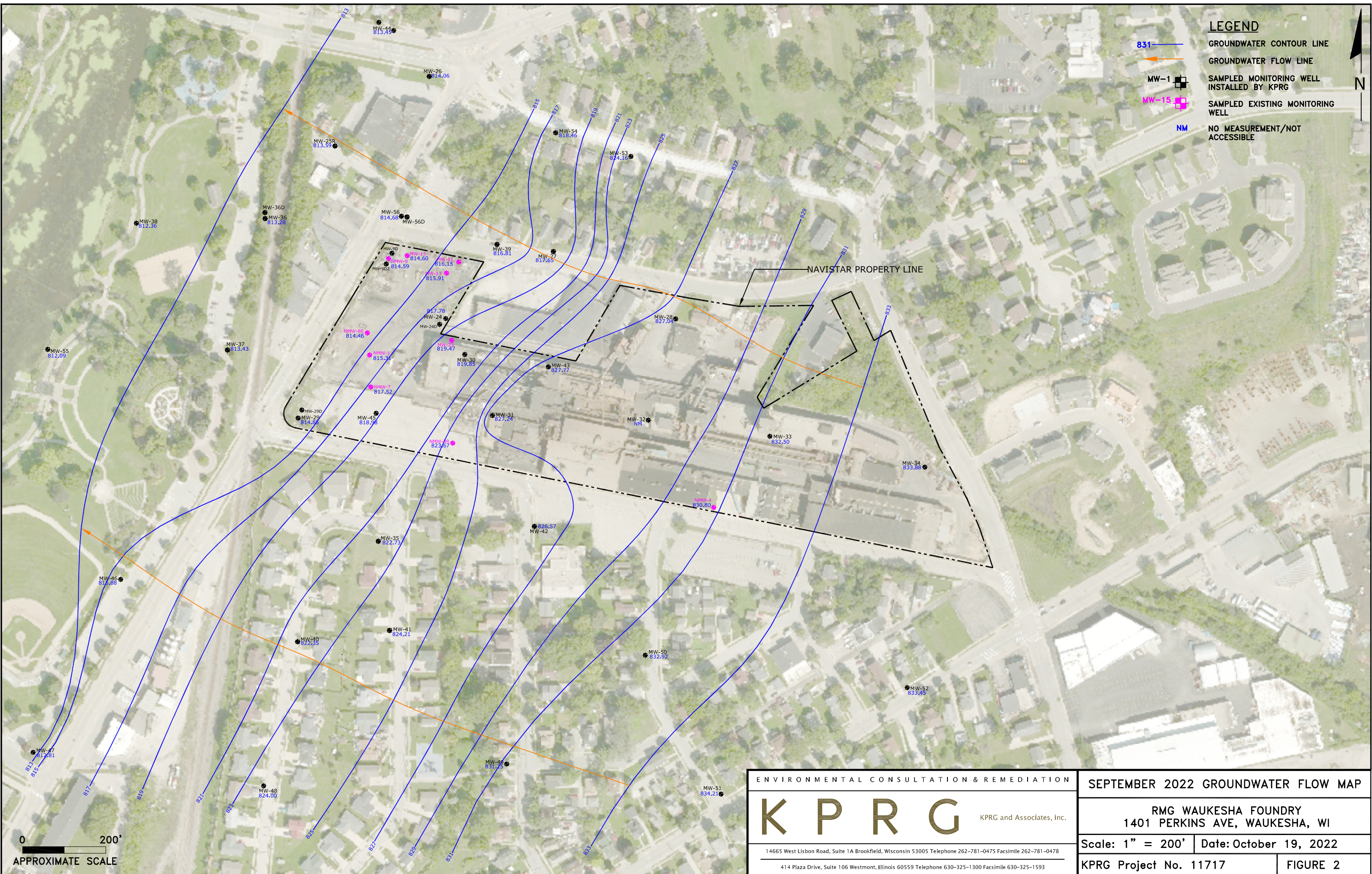
14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

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

MONITORING WELLS SITE MAP	
RMG WAUKESHA FOUNDRY 1401 PERKINS AVE, WAUKESHA, WI	
Scale: 1" = 200'	Date: October 19, 2022
KPRG Project No. 11717	FIGURE 1

0 200'
APPROXIMATE SCALE

T:\Projects\Navistar\Navistar Drawings\11717 SI Maps_rev_4020 CW Update



LEGEND

- 831 ——— GROUNDWATER CONTOUR LINE
- > GROUNDWATER FLOW LINE
- MW-1 ■■■ SAMPLLED MONITORING WELL INSTALLED BY KPRG
- MW-15 ■■■ SAMPLLED EXISTING MONITORING WELL
- NM ■■■ NO MEASUREMENT/NOT ACCESSIBLE



NAVISTAR PROPERTY LINE

0 200'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, Inc.

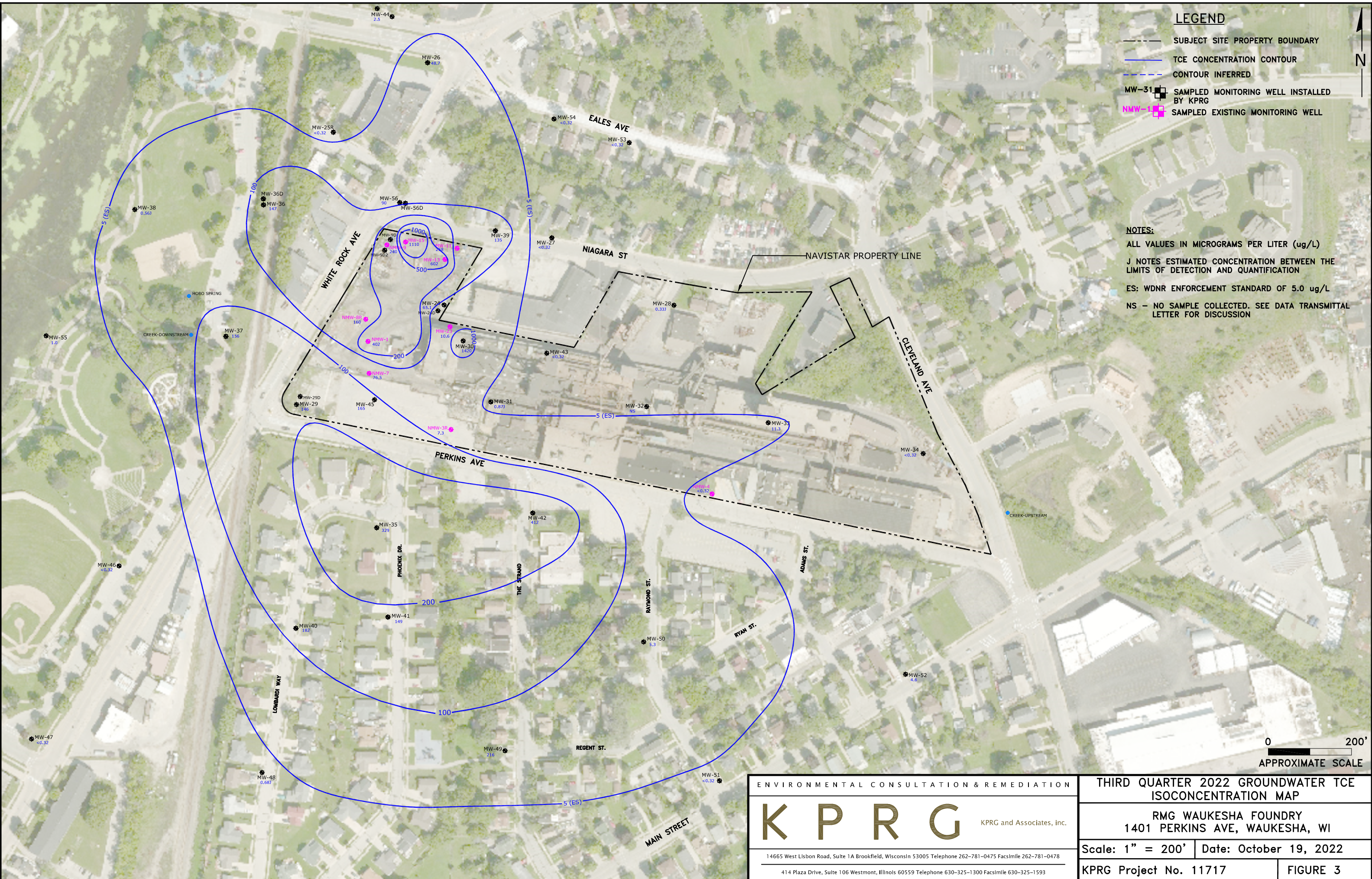
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SEPTEMBER 2022 GROUNDWATER FLOW MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' Date: October 19, 2022

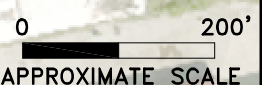
KPRG Project No. 11717 FIGURE 2



LEGEND

- SUBJECT SITE PROPERTY BOUNDARY
- TCE CONCENTRATION CONTOUR
- - - CONTOUR INFERRED
- MW-31 [Symbol] SAMPLED MONITORING WELL INSTALLED BY KPRG
- NMW-1 [Symbol] SAMPLED EXISTING MONITORING WELL

NOTES:
 ALL VALUES IN MICROGRAMS PER LITER (ug/L)
 J NOTES ESTIMATED CONCENTRATION BETWEEN THE LIMITS OF DETECTION AND QUANTIFICATION
 ES: WDNR ENFORCEMENT STANDARD OF 5.0 ug/L
 NS - NO SAMPLE COLLECTED. SEE DATA TRANSMITTAL LETTER FOR DISCUSSION



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THIRD QUARTER 2022 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
 1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' | Date: October 19, 2022

KPRG Project No. 11717 | FIGURE 3

TABLES

Table 2. Groundwater Results for CVOs - former Navistar/RMG Foundry, Waukesha, WI

Well No.	WDNR NR 140 Standards		NMW-1														
	Parameter	Date	PAL	ES	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/23/2020	9/20/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022
1,1,1-Trichloroethane	40	200			52.6	53.9	42.4	38.2	27.5	48.5	46.3	32.6	81.3	65.5	40.5	47	75.5
1,1,2-Trichloroethane	0.5	5			<1.1	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<0.86	<0.86	<0.86	<0.86	<0.86
1,1-Dichloroethane	85	850			16.1	11.9	15.6	4.1	8.0	14.4	16.5	12.5	24.2	21.2	13.9	13.5	20.6
1,1-Dichloroethane	0.7	7			6.8	3.6	4.3	<0.70	2.9	4.6	5.5	3.0	7.0	6.8	3.7	4.5	<1.5
1,2-Dichloroethane	0.5	5			<0.56	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70 L1	<0.73	<0.73	<0.73	<0.73	<0.73
cis-1,2-Dichloroethane	7	70			8.0	2.8	2.8	3.0	2.4 J	3.2	3.4	2.5	4.6	4.2	3.4	2.9	4.8
trans-1,2-Dichloroethane	20	100			<2.2	<2.7	<2.7	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3
Tetrachloroethane	0.5	5			<0.65	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethane	0.5	5			342	336	278	238	157	281	307	213	374	362	260	230	402
Vinyl chloride	0.02	0.2			<0.35	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44

Well No.	WDNR NR 140 Standards		NMW-3R														
	Parameter	Date	PAL	ES	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020	9/23/2020	12/17/2020	3/17/2021	6/8/2021	9/14/2021	12/17/2021	3/28/2022	9/21/2022
1,1,1-Trichloroethane	40	200			6.0	1.2	1.7	1.4	3.7	6.9	7.0	3.9	1.4	1.7	2.2	0.68 J	0.47 J
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			3.1	1.3	2.9	1.7	2.8	3.8	3.4	3.2	2.1	2.4	2.3	1.1	1.7
1,1-Dichloroethane	0.7	7			1.1	<0.24	0.36 J	0.39 J	1.1	1.3	1.4	0.60 J	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			9.4	5.4	8.0	6.1	8.4	10.7	11.3	9.5	6.0	7.4	5.0	3.3	3.5
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<1.1	0.47 J	0.53 J	0.52 J	0.53 J	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			54.4	16.1	19.8	15.5	36.3	58.0	69.3	34.1	15.9	19.0	23.2	7.4	7.3
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		NMW-4														
	Parameter	Date	PAL	ES	6/24/2019	9/10/2019	12/6/2019	3/18/2020	6/25/2020	9/21/2020	12/16/2020	3/17/2021	6/8/2021	9/14/2021	12/9/2021	3/24/2022	9/20/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			0.29 J	<0.26	0.75 J	<0.26	<0.26	<0.26	<0.26	0.27 J	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		NMW-7														
	Parameter	Date	PAL	ES	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/23/2020	9/22/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022
1,1,1-Trichloroethane	40	200			21.4	7.8	11.4	12.3	7.8	15.9	16.6	2.4	10.3	17.3	11.2	11.1	11.7
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			6.2	2.0	4.1	3.9	2.5	4.6	6.3	1.1	3.6	5.4	4.8	2.9	3.5
1,1-Dichloroethane	0.7	7			3.6	0.84 J	1.4	1.7	1.4	2.1	2.1	0.33 J	1.3	2.1	1.2	1.6	1.4
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			3.0	0.85 J	1.5	1.5	1.1	1.7	2.1	0.65 J	1.6	1.9	1.4	0.94 J	1.2
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			172	60.9	88.9	88	57.4	112	139	31.9	68.4	121	94.9	82.7	76.5
Vinyl chloride	0.02	0.2			0.22 J	0.68 J	<0.17	0.24 J	<0.17	<0.17	0.56 J	0.30 J	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		NMW-8R														
	Parameter	Date	PAL	ES	6/26/2019	9/16/2019	12/12/2019	4/14/2020	6/23/2020	9/22/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022
1,1,1-Trichloroethane	40	200			32.2	29.2	33	31.9	28.4	24	22.9	21.7	20.5	20.5	20.5	30.3	30.8
1,1,2-Trichloroethane	0.5	5			<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850			9.7	7.9	12.9	<1.1	9.3	7.8	8.8	9.8	7.6	6.9	8.1	10.6	8.5
1,1-Dichloroethane	0.7	7			4.7	2.1	3.9	10.2	4.0	2.1	2.7	2.4	1.4 J	1.9 J	1.7 J	3	<1.2
1,2-Dichloroethane	0.5	5			<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56 L1	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethane	7	70			2.9	2.3	2.6	2.7	2.9	2.2	2.5	2.6	2.0	2.4	2.6	3.1	9.1
trans-1,2-Dichloroethane	20	100			<2.2	<2.2	<2.2	<0.93	<0.93	<0.93	<0.93	<0.93	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethane	0.5	5			<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethane	0.5	5			237	173	228	209	190	171	192	150	135	144	140	154	160
Vinyl chloride	0.02	0.2			<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.	WDNR NR 140 Standards		NMW-9															
	Parameter	Date	PAL	ES	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/19/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	22.8	31.0	10.6	14.9	10.7	31.9	25.3	10.4
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<0.55	<1.4	<0.34	<1.7	<1.7	<0.34	<1.7
1,1-Dichloroethane	85	850			0.46 J	0.40 J	<0.27	<0.27	<0.27	<0.27	10.9	18.1	8.3	9.2	7.5	16.2	7.6	4.3 J
1,1-Dichloroethane	0.7	7			0.41 J	0.54 J	<0.24	<0.24	<0.24	0.32 J	1.2 J	4.5	3.2 J	3.5	<2.9	4.3 J	<0.58	<2.9
1,2-Dichloroethane	0.5																	

Table 2. Groundwater Results for CVOs - former Navistar/RMG Foundry, Waukesha, WI

Well No.	WDNR NR 140 Standards		MW-9D														
	Parameter	Date	PAL	ES	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	9/20/2022
1,1,1-Trichloroethane	40	200			8.4	14.4	24.2	18.5	21.1	37.5	<0.24	<0.24	<0.30	<0.30	<0.30	9.9	13.3
1,1,2-Trichloroethane	0.5	5			<1.1	<1.1	<2.8	<1.1	<2.2	<1.1	<0.55	<0.55	<0.34	<0.34	<0.34	<1.4	<0.34
1,1-Dichloroethane	85	850			4.6	8.4	17.2	11.6	10.4	17.5	0.28 J	<0.27	0.36 J	0.46 J	3.2	9.5	10.5
1,1-Dichloroethane	0.7	7			2.2	2.3	5.2	4.5	<0.98	<0.49	0.33 J	<0.24	<0.58	<0.58	3.2	3.5 J	4.9
1,2-Dichloroethane	0.5	5			<0.56	<0.56	<1.4	<0.56	<1.1	<0.56	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<1.2	<0.29
cis-1,2-Dichloroethane	7	70			11.4	22.7	33.3	35.9	9.4	21.8	2.5	1.1	3.4	3.4	21.4	38.5	41.1
trans-1,2-Dichloroethane	20	100			<2.2	<2.2	<5.5	<2.2	<1.9	3.0 J	<0.46	<0.46	<0.53	<0.53	1.6	3.4 J	2.6
Tetrachloroethane	0.5	5			<0.65	<0.65	<1.6	<0.65	<1.3	<0.65	<0.33	<0.33	<0.41	<0.41	<0.41	<1.6	<0.41
Trichloroethane	0.5	5			215	284	489	388	325	821	28.4	11.3	21.4	28.6	69.7	256	295
Vinyl chloride	0.02	0.2			<0.35	<0.35	<0.87	<0.35	<0.70	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.70	<0.17

Well No.	WDNR NR 140 Standards		MW-9D2														
	Parameter	Date	PAL	ES	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	9/19/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			0.40 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane	0.7	7			0.34 J	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			5.7	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	12.3
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			46.7	<0.26	2.2	<0.26	<0.26	<0.26	<0.26	<0.26	0.96 J	1.3	1.2	1.1	31.1
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-11															
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/13/2019	4/14/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/20/2022
1,1,1-Trichloroethane	40	200			9.5	18.2	10.8	8.2	4.8	4.0	4.2	7.2	31	11.7	12.0	18.2	7.8	7.3
1,1,2-Trichloroethane	0.5	5			<1.4	<1.4	<1.4	<1.4	<1.4	<0.55	<0.55	<0.55	<0.34	<0.34	<1.4	<1.4	<0.69	<0.34
1,1-Dichloroethane	85	850			5.1	9.6	6.9	4.9	2.2 J	2.5	4.8	12.6	6.5	9.5	10.7	6.8	5.7	
1,1-Dichloroethane	0.7	7			2.0 J	3.8	1.9 J	3.3	0.76 J	0.96 J	1.0	2.2	5.8	3.1	3.7 J	<2.3	<1.2	2.3
1,2-Dichloroethane	0.5	5			<0.70	<0.70	<0.70	<0.70	<0.70	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<1.2	<1.2	<0.58	<0.29
cis-1,2-Dichloroethane	7	70			16.5	25.1	12.3	10.6	9.0	10.9	7.7	9.7	36.2	34.4	45.7	49.9	7.9	11.6
trans-1,2-Dichloroethane	20	100			<2.7	<2.7	<2.7	<1.2	<1.2	0.56 J	<0.46	<0.46	1.2	0.86 J	<2.1	4.3	<1.1	0.56 J
Tetrachloroethane	0.5	5			<0.82	<0.82	<0.82	<0.82	<0.82	<0.33	<0.33	<0.33	<0.41	<0.41	<1.6	<1.6	<0.82	<0.41
Trichloroethane	0.5	5			258	437	275	235	132	137	161	229	702	286	416	449	191	258
Vinyl chloride	0.02	0.2			<0.44	<0.44	<0.44	<0.44	<0.44	<0.17	<0.17	<0.17	<0.17	<0.17	<0.70	<0.70	<0.35	<0.17

Well No.	WDNR NR 140 Standards		MW-13															
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/13/2019	4/14/2020	6/26/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	7/21/2022	9/20/2022
1,1,1-Trichloroethane	40	200			17.7	28.4	16.9	14.7	17.2	32.8	38.4	82.9	49.7	51.4	52.2	63.6	23.5	12.6
1,1,2-Trichloroethane	0.5	5			<0.55	<1.4	<2.8	<1.1	<5.5	<2.2	<5.5	<13.8	<8.6	<6.9	<6.9	<3.4	<3.4	<1.7
1,1-Dichloroethane	85	850			10.5	17	14.8	9.1	35	34	37.6	99.1	54.1	53.3	57.5	71.6	30	13.9
1,1-Dichloroethane	0.7	7			5.0	8.0	2.3 J	4.2	5.7 J	15.2	15.6	11.5 J	24.7 J	23.1	27.4	20.2	11.4	<2.9
1,2-Dichloroethane	0.5	5			<0.28	<0.70	<1.4	<0.56	<2.8	<1.1	<2.8	<7.0 L1	<7.3	<5.8	<5.8	<2.9	<2.9	<1.5
cis-1,2-Dichloroethane	7	70			49.5	44.1	35.6	33.9	78.5	49.5	39.1	137	69.2	83.8	114	97.1	56.8	26
trans-1,2-Dichloroethane	20	100			2.0 J	<2.7	<5.5	2.0 J	5.2 J	3.5 J	<4.6	15.0 J	<13.2	<10.6	<10.6	6.5 J	<5.3	<2.6
Tetrachloroethane	0.5	5			<0.33	<0.82	<1.6	<0.65	<3.3	<1.3	<3.3	<8.2	<10.2	<8.2	<8.2	<4.1	<4.1	<2.0
Trichloroethane	0.5	5			367	565	413	370	1,090	1,740	2,190	4,220	3,030	2,290	2,360	2,190	1,100	602
Vinyl chloride	0.02	0.2			<0.17	<0.44	<0.87	<0.35	<1.7	<0.70	<1.7	<4.4	<4.4	<3.5	<3.5	<1.7	<1.7	<0.87

Well No.	WDNR NR 140 Standards		MW-15															
	Parameter	Date	PAL	ES	7/1/2019	9/13/2019	12/11/2019	3/19/2020	6/23/2020	9/23/2020	12/16/2020	3/19/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/20/2022
1,1,1-Trichloroethane	40	200			12.1	55.5	20.5	22.9	90.3	50.5	66.6	57.8	13.4	15.6	17.2	32	29.6	47.3
1,1,2-Trichloroethane	0.5	5			<2.8	<2.8	<2.8	<2.8	<2.8	<11.0	<11.0	<11.0	<1.4	<0.86	<0.86	<0.86	<1.7	<1.7
1,1-Dichloroethane	85	850			7.2	31.2	14.6	13.7	41.4	25.6	34.8	34.3	10.5	10.4	12.6	16	<1.5	22.9
1,1-Dichloroethane	0.7	7			2.3 J	16.9	4.2 J	7.9	12.8	7.6 J	14.9 J	6.4 J	4.2	3.6	4.3	5.4	<2.9	6.7
1,2-Dichloroethane	0.5	5			<1.4	<1.4	<1.4	<1.4	<1.4	<5.6	<5.6	<5.6 L1	<1.2	<0.73	<0.73	<0.73	<1.5	<1.5
cis-1,2-Dichloroethane	7	70			19.3	32.9	36.2	42.2	49.3	31.7	42.6	35.1	21.6	29.5	34.5	31.7	5.6	22.4
trans-1,2-Dichloroethane	20	100			<5.5	<5.5	<5.5	<5.5	5.0 J	<9.3	<9.3	<9.3	<2.1	<1.3	1.4 J	1.6 J	13.3	<2.6
Tetrachloroethane	0.5	5			<1.6	<1.6	<1.6	<1.6	<1.6	<6.5	<6.5	<6.5	<1.6	<1.0	<1.0	<1.0	<2.0	<2.0
Trichloroethane	0.5	5			294	1,490	433	506	1,570	1,080	1,870	1,340	414	436	505	709	219	1,110
Vinyl chloride	0.02	0.2			<0.87	<0.87	<0.87	<0.87	1.7 J	<3.5	<3.5	<3.5	<0.70	<0.44	<0.44	<0.44	<0.87	<0.87

Well No.	WDNR NR 140 Standards		MW-23														
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/11/2019	4/14/2020	6/23/2020	9/23/2020	12/16/2020	3/19/2021	6/14/2021	9/13/2021	12/8/2021	3/23/2022	9/20/2022
1,1,1-Trichloroethane	40	200			17.1	13.7	7.3	3.0	2.6	3.0	5.3	5.8	25.2	1.6	16.1	209	0.45 J
1,1,2-Trichloroethane	0.5	5			<27.6	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.69	<13.8	<0.34
1,1-Dichloroethane	85	850			78.9	4.1	2.9	1.8	1.2	1.4	2.8	2.9	7.1	0.72 J	6.6		

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.	WDNR NR 140 Standards		MW-24														
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/11/2019	3/14/2020	6/24/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	9/20/2022
1,1,1-Trichloroethane	40	200			221	109	121	166	9.1	2.4	2.5	13.9	256	29.3	169	167	12.1
1,1,2-Trichloroethane	0.5	5			<27.6	<5.5	<13.8	<13.8	<1.4	<0.55	<0.55	<0.55	<3.4	<0.86	<8.6	<8.6	<0.34
1,1-Dichloroethane	85	850			86.2	37.4	47.2	72.7	3.2	0.75 J	1.3	10.8	80.1	14.6	68.6	68	5.6
1,1-Dichloroethane	0.7	7			60.9	25.5	17.3 J	34.4	1.8 J	0.35 J	0.70 J	6.5	34.3	8.1	36.0	<14.6	<0.58
1,2-Dichloroethane	0.5	5			<14.0	<2.8	<7.0	<7.0	<0.70	<0.28	<0.28	<0.28 L1	<2.9	<0.73	<7.3	<7.3	1.3
cis-1,2-Dichloroethane	7	70			46.9 J	13.8	23.4 J	45.2	6.0	4.1	4.2	28.0	59.2	22.3	61.6	41.4	25.7
trans-1,2-Dichloroethane	20	100			<54.5	<10.9	<27.3	<11.6	<1.2	<0.46	<0.46	0.91 J	5.9 J	<1.3	<13.2	<13.2	4.4
Tetrachloroethane	0.5	5			<16.3	<3.3	<8.2	<8.2	<0.82	<0.33	<0.33	<0.33	<4.1	<1.0	<10.2	<10.2	<0.41
Trichloroethane	0.5	5			3.710	996	1.720	3.490	175	56.2	73.2	290	4.070	597	3.020	2830	65.1
Vinyl chloride	0.02	0.2			<8.7	<1.7	<4.4	<4.4	<0.44	<0.17	<0.17	0.19 J	<1.7	<0.44	<4.4	<4.4	<0.17

Well No.	WDNR NR 140 Standards		MW-24D														
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/11/2019	4/14/2020	6/24/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	9/20/2022
1,1,1-Trichloroethane	40	200			0.29 J	0.33 J	<0.24	<0.24	<0.24	0.57 J	0.59 J	<0.24	<0.30	<0.30	<0.30	0.40 J	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	<0.27	<0.27	<0.27	<0.27	1.7	4.2	<0.27	0.55 J	0.82 J	0.68 J	1.2	2.1
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<0.24	<0.24	<0.24	0.95 J	1.7	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			6.8	5.1	7.5	0.27	0.80 J	8.6	25	2.4	7.2	6.6	5.0	5.4	15.6
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<0.46	<0.46	0.53 J	1.6	<0.46	<0.53	<0.53	<0.53	<0.53	0.71 J
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			1.9	1.7	2.0	1.0	2.8	8.4	20.5	0.72 J	1.6	2.0	2.1	3.4	2.7
Vinyl chloride	0.02	0.2			<0.17	<0.17	0.28 J	<0.17	<0.17	0.34 J	0.66 J	<0.17	0.18 J	<0.17	<0.17	0.23 J	<0.17

Well No.	WDNR NR 140 Standards		MW-25 / MW-25R															
	Parameter	Date	PAL	ES	6/24/2019	9/10/2019	12/11/2019	4/15/2020	6/26/2020	9/24/2020	12/18/2020	3/22/2021	6/8/2021	9/13/2021	12/7/2021	3/22/2022	7/21/2022	9/22/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24					<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55					<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27					<0.30	<0.30
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24					<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28					<0.29	<0.29
cis-1,2-Dichloroethane	7	70			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27					<0.47	<0.47
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46					<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33					<0.41	<0.41
Trichloroethane	0.5	5			0.32 J	<0.26	<0.26	0.40 J	<0.26	<0.26	<0.26	<0.26					<0.32	<0.32
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17					<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-26														
	Parameter	Date	PAL	ES	6/24/2019	9/10/2019	12/11/2019	3/24/2020	6/30/2020	9/24/2020	12/15/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/25/2022	9/22/2022
1,1,1-Trichloroethane	40	200			1.6	0.96 J	2.0	2.1	0.76 J	0.48 J	<0.24	<0.24	<0.30	0.69 J	0.54 J	1.5	1.3
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			1.3	0.97 J	1.9	1.5	0.74 J	0.69 J	<0.27	<0.27	0.80 J	0.75 J	0.42 J	1.9	1.6
1,1-Dichloroethane	0.7	7			<0.24	<0.24	0.55 J	0.28 J	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			2.1	5.2	3.3	6.3	3.5	6.1	<0.27	1.2	2.1	2.2	0.92 J	6.3	5.7
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	0.70 J
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			50.1	34.9	52.6	51.5	27.2	15.5	8.1	7.6	7.7	20.2	18.5	36.1	48.7
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	0.44 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	0.30 J

Well No.	WDNR NR 140 Standards		MW-27														
	Parameter	Date	PAL	ES	9/10/2019	12/10/2019	3/23/2020	6/26/2020	9/25/2020	12/18/2020	1/18/2021(R)	3/17/2021	6/14/2021	9/15/2021	12/13/2021	3/28/2022	9/22/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			0.63 J	0.77 J	<0.27	<0.27	0.60 J	0.76 J	0.70 J	<0.27	0.44 J	0.92 J	0.73 J	0.40 J	<0.30
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	NA	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			<0.26	0.26 J	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-28														
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/10/2019	3/23/2020	6/26/2020	9/25/2020	12/16/2020	3/18/2021	6/9/2021	9/13/2021	12/8/2021	3/23/2022	9/21/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	NA	NA	NA	NA	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	NA	NA	NA	NA	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloro																	

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.	WDNR NR 140 Standards		MW-34														
	Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/12/2019	4/14/2020	6/24/2020	9/23/2020	12/16/2020	3/18/2021	6/9/2021	9/13/2021	12/8/2021	3/24/2022	9/21/2022
1,1,1-Trichloroethane	40	200			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-35														
	Parameter	Date	PAL	ES	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/24/2022	9/23/2022
1,1,1-Trichloroethane	40	200			30.3	<u>47.9</u>	<u>56.1</u>	31.8	<u>59.6</u>	<u>48.4</u>	35.3	31.9	36.3	<u>44.5</u>	<u>58.8</u>	<u>44.2</u>	<u>43.5</u>
1,1,2-Trichloroethane	0.5	5			<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<0.86	<0.86	<0.86	<0.86	<0.86
1,1-Dichloroethane	85	850			14.4	15.2	18.4	13.4	19.9	16.9	16.8	13.3	20.6	20.2	23.4	17	17.8
1,1-Dichloroethane	0.7	7			<u>5.5</u>	<u>6.4</u>	<u>5.8</u>	<u>5.7</u>	<u>6.8</u>	<u>5.8</u>	<u>5.8</u>	<u>4.1</u>	<u>5.0</u>	<u>6.5</u>	<u>5.7</u>	<u>4.5</u>	<u>5.3</u>
1,2-Dichloroethane	0.5	5			<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.73	<0.73	<0.73	<0.73	<0.73
cis-1,2-Dichloroethane	7	70			<u>12.2</u>	<u>11.6</u>	<u>8.5</u>	<u>11.5</u>	<u>10.3</u>	<u>7.7</u>	<u>9.1</u>	<u>8.6</u>	<u>9.2</u>	<u>12.7</u>	<u>10.4</u>	<u>8</u>	<u>10.9</u>
trans-1,2-Dichloroethane	20	100			<2.7	<2.7	<2.7	<2.7	<1.2	<1.2	<1.2	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3
Tetrachloroethane	0.5	5			<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethane	0.5	5			<u>311</u>	<u>372</u>	<u>409</u>	<u>243</u>	<u>405</u>	<u>351</u>	<u>344</u>	<u>264</u>	<u>230</u>	<u>368</u>	<u>415</u>	<u>283</u>	<u>329</u>
Vinyl chloride	0.02	0.2			<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44

Well No.	WDNR NR 140 Standards		MW-36															
	Parameter	Date	PAL	ES	6/20/2019	9/9/2019	12/9/2019	3/20/2020	6/30/2020	9/24/2020	12/18/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	7/21/2022	9/22/2022
1,1,1-Trichloroethane	40	200			<0.24	8.8	<u>54</u>	26.1	12.9	13.7	27.9	30.6	2.0	0.43 J	36.9	7.1	12.6	20.4
1,1,2-Trichloroethane	0.5	5			<0.55	<1.1	<1.1	<1.4	<0.55	<0.55	<2.8	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	3.1	16.4	8.7	4.7	5.1	11.5	0.87 J	3.1	12.3	3.1	3.7	6.3	
1,1-Dichloroethane	0.7	7			<0.24	<u>1.3 J</u>	<u>8.2</u>	<u>4.3</u>	<u>2.1</u>	<u>2.6</u>	<u>4.3 J</u>	<u>6.1</u>	<0.58	<0.58	<u>5.3</u>	<u>1.2</u>	<0.58	1.4
1,2-Dichloroethane	0.5	5			<0.28	<0.56	<0.56	<0.70	<0.28	<0.28	<1.4	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			0.49 J	3.0	<u>8.9</u>	<u>6.8</u>	5.1	5.7	<u>9.0</u>	<u>8.9</u>	1.1	<0.47	<u>11.3</u>	<u>2.9</u>	<u>7.2</u>	<u>7.4</u>
trans-1,2-Dichloroethane	20	100			<1.1	<2.2	<2.2	<2.7	0.52 J	1.2 J	<2.3	0.80 J	<0.53	<0.53	0.95 J	<0.53	<0.53	0.76 J
Tetrachloroethane	0.5	5			<0.33	<0.65	0.71 J	<0.82	<0.33	<0.33	<1.6	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			<u>5.8</u>	<u>96.9</u>	<u>442</u>	<u>234</u>	<u>177</u>	<u>228</u>	<u>454</u>	<u>386</u>	<u>32.2</u>	<u>12.0</u>	<u>317</u>	<u>66.3</u>	<u>79.6</u>	<u>147</u>
Vinyl chloride	0.02	0.2			<0.17	<0.35	<0.35	<0.44	<0.17	<0.17	<0.87	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-37															
	Parameter	Date	PAL	ES	9/22/2022	6/20/2019	9/9/2019	12/9/2019	3/20/2020	6/30/2020	9/24/2020	12/18/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022
1,1,1-Trichloroethane	40	200			<0.30	22.1	26.1	25.1	23.2	18.9	23.7	21.9	21.0	20.4	16.5	26.3	26.6	23.4
1,1,2-Trichloroethane	0.5	5			<0.34	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850			<0.30	8.4	9.1	9.0	8.3	6.8	8.7	9.6	10.4	11.1	9.2	12.4	13.1	9.4
1,1-Dichloroethane	0.7	7			<0.58	<u>1.8 J</u>	<u>1.9 J</u>	<u>2.2</u>	<u>2.2</u>	<u>2.6</u>	<u>1.4 J</u>	<u>1.1 J</u>	<u>1.6 J</u>	<u>1.2 J</u>	<u>2.0 J</u>	<u>1.8 J</u>	<u>1.8 J</u>	<1.2
1,2-Dichloroethane	0.5	5			<0.29	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethane	7	70			<0.47	3.6	4.4	3.5	3.6	2.9	3.5	3.8	4.1	3.0	3.6	4.2	5.5	3.7
trans-1,2-Dichloroethane	20	100			<0.53	<2.2	<2.2	<2.2	<2.2	<0.93	<0.93	<0.93	1.0 J	<1.1	<1.1	<1.1	1.1 J	<1.1
Tetrachloroethane	0.5	5			<0.41	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethane	0.5	5			<0.32	<u>142</u>	<u>183</u>	<u>165</u>	<u>134</u>	<u>130</u>	<u>160</u>	<u>177</u>	<u>154</u>	<u>141</u>	<u>134</u>	<u>178</u>	<u>161</u>	<u>156</u>
Vinyl chloride	0.02	0.2			<0.17	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.	WDNR NR 140 Standards		MW-38														
	Parameter	Date	PAL	ES	6/20/2019	9/8/2019	12/9/2019	4/14/2020	6/30/2020	9/24/2020	12/21/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022
1,1,1-Trichloroethane	40	200			<0.24	0.46 J	6.7	2.2	<0.24	2.7	1.8	<0.24	5.7	0.95 J	10.1	1.6	<0.30
1,1,2-Trichloroethane	0.5	5			<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850			<0.27	<0.27	2.8	1.1	<0.27	1.7	2.7	<0.27	2.5	0.72 J	5.3	1.6	<0.30
1,1-Dichloroethane	0.7	7			<0.24	<0.24	<u>0.74 J</u>	0.42 J	<0.24	0.60 J	0.67 J	<0.24	<u>0.88 J</u>	<0.58	<u>1.2</u>	<u><0.58</u>	<0.58
1,2-Dichloroethane	0.5	5			<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70			<0.27	0.54 J	4.1	2.9	0.34 J	<u>7.1</u>	<u>15.7</u>	1.8	2.8	2.5	<u>7.9</u>	<u>8.6</u>	<0.47
trans-1,2-Dichloroethane	20	100			<1.1	<1.1	1.5 J	0.53 J	<0.46	1.1 J	1.1 J	<0.46	<0.53	<0.53	1.6	0.57 J	<0.53
Tetrachloroethane	0.5	5			<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane	0.5	5			<0.26	<u>5.8</u>	<u>80.2</u>	<u>32.1</u>	<u>1.4</u>	<u>36.9</u>	<u>25.4</u>	<u>1.7</u>	<u>64.9</u>	<u>13.1</u>	<u>138</u>	<u>25.4</u>	<u>0.56 J</u>
Vinyl chloride	0.02	0.2			<0.17	<0.17	<0.17	<0.17	<0.17	<u>3.7</u>	<u>10.6</u>	<u>0.99 J</u>	<0.17	<u>0.99 J</u>	<0.17	1.9	<0.17

Well No.	WDNR NR 140 Standards		MW-39														
	Parameter	Date	PAL	ES	12/10/2019	3/23/2020	6/26/2020	9/25/2020	12/18/2020	3/17/2021	5/20/2021	6/9/2021	9/15/2021	10/27/2021 (R)	12/13/2021	3/28/2022	7/21/2022
1,1,1-Trichloroethane	40	200															

Table 2. Groundwater Results for CVOs - former Navistar/RMG Foundry, Waukesha, WI

Well No.			WDNR NR 140 Standards		MW-40											
Parameter	Date	PAL	ES	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/28/2022	9/23/2022
1,1,1-Trichloroethane	40	200		26.6	29.2	29.6	24.3	27.3	21.2	23	26.7	21.9	29.6	29.7	30.4	33
1,1,2-Trichloroethane	0.5	5		<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850		8.7	8.3	9.1	8.5	8.2	7.1	7.8	9.3	9.4	9.8	11.1	10	10.6
1,1-Dichloroethane	0.7	7		<u>3.9</u>	<u>3.6</u>	<u>3.1</u>	<u>3.6</u>	<u>3.4</u>	<u>2.3</u>	<u>2.6</u>	<u>3.1</u>	<u>2.8</u>	<u>3.6</u>	<u>3.5</u>	<u>2.7</u>	<u>3.5</u>
1,2-Dichloroethane	0.5	5		<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethane	7	70		6.5	6.1	6.5	5.7	6.5	3.7	5.4	6.9	4.6	5.6	5.5	5.8	6
trans-1,2-Dichloroethane	20	100		<2.2	<2.2	<2.2	<2.2	<0.93	<0.93	<0.93	<0.93	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5		<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5		<u>170</u>	<u>187</u>	<u>192</u>	<u>162</u>	<u>181</u>	<u>109</u>	<u>177</u>	<u>174</u>	<u>131</u>	<u>176</u>	<u>168</u>	<u>175</u>	<u>182</u>
Vinyl chloride	0.02	0.2		<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.			WDNR NR 140 Standards		MW-41											
Parameter	Date	PAL	ES	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/24/2022	9/23/2022
1,1,1-Trichloroethane	40	200		39.9	<u>46.2</u>	38.5	29.7	36.6	35.5	35.5	<u>42.0</u>	28.6	<u>41.4</u>	25.1	53.9	24.5
1,1,2-Trichloroethane	0.5	5		<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850		15.8	15.2	12.4	12.1	10.5	10.3	10.9	13.8	11.6	14.2	10.2	16.9	8.8
1,1-Dichloroethane	0.7	7		<u>5.6</u>	<u>5.4</u>	<u>4.1</u>	<u>4.8</u>	<u>3.7</u>	<u>3.4</u>	<u>3.8</u>	<u>5.3</u>	<u>3.3</u>	<u>4.5</u>	<u>2.5</u>	<u>4.6</u>	<u>2.7</u>
1,2-Dichloroethane	0.5	5		<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethane	7	70		16.3	18.7	8.6	7.0	9.1	5.8	3.9	3.7	3.7	3.7	3.0	2.7	4
trans-1,2-Dichloroethane	20	100		<1.1	<1.1	<1.1	<2.2	<0.46	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5		<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	<0.33	<0.33	<0.82	<0.82	<0.82	<0.82	<u>0.85J</u>
Trichloroethene	0.5	5		<u>241</u>	<u>250</u>	<u>235</u>	<u>169</u>	<u>225</u>	<u>218</u>	<u>252</u>	<u>247</u>	<u>160</u>	<u>232</u>	<u>153</u>	<u>225</u>	<u>149</u>
Vinyl chloride	0.02	0.2		<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.			WDNR NR 140 Standards		MW-42											
Parameter	Date	PAL	ES	6/24/2019	9/11/2019	12/10/2019	3/18/2020	6/25/2020	9/23/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/9/2021	3/24/2022	9/21/2022
1,1,1-Trichloroethane	40	200		17.8	<u>46.3</u>	<u>60.8</u>	20	19.8	<u>41.8</u>	38.3	<u>47.1</u>	39.7	<u>76.3</u>	<u>73.4</u>	<u>52</u>	<u>75</u>
1,1,2-Trichloroethane	0.5	5		<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850		4.3	9.9	17.3	6.8	4.1	10.3	17.5	20.5	16.2	27.3	31.5	19.3	19.7
1,1-Dichloroethane	0.7	7		<u>1.8</u>	<u>4.1</u>	<u>7.4</u>	<u>3.0</u>	<u>1.7</u>	<u>4.4</u>	<u>5.7</u>	<u>6.7</u>	<u>5.1</u>	<u>8.0</u>	<u>7.8</u>	<u>6.5</u>	<u>6.7</u>
1,2-Dichloroethane	0.5	5		<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethane	7	70		2.3	3.6	4.1	3.0	1.9	3.4	4.6	6.1	5.1	<u>7.3</u>	<u>8.0</u>	<u>6.1</u>	<u>8</u>
trans-1,2-Dichloroethane	20	100		<1.1	<1.1	<1.1	<2.2	<0.46	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5		<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	<0.33	<0.33	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5		<u>124</u>	<u>264</u>	<u>272</u>	<u>115</u>	<u>128</u>	<u>239</u>	<u>241</u>	<u>229</u>	<u>231</u>	<u>391</u>	<u>409</u>	<u>228</u>	<u>412</u>
Vinyl chloride	0.02	0.2		<u>0.38 J</u>	<u>0.27 J</u>	<u>0.44 J</u>	<u>0.74 J</u>	<0.17	<u>0.85 J</u>	<u>1.1</u>	<u>1.2</u>	<u>1.3 J</u>	<u>1.3 J</u>	<u>1.0 J</u>	<u>3.7</u>	<u>3</u>

Well No.			WDNR NR 140 Standards		MW-43											
Parameter	Date	PAL	ES	6/25/2019	9/13/2019	12/12/2019	4/14/2020	6/24/2020	9/23/2020	12/16/2020	3/18/2021	6/14/2021	9/13/2021	12/8/2021	3/23/2022	9/21/2022
1,1,1-Trichloroethane	40	200		<0.24	0.29 J	0.38 J	<0.24	<0.24	0.37 J	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5		<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850		0.43 J	0.64 J	0.93 J	1.1	1.7	0.81 J	0.88 J	0.93 J	0.44 J	0.36 J	0.36 J	<0.30	<0.30
1,1-Dichloroethane	0.7	7		0.28 J	<0.24	0.42 J	0.55 J	<u>1.3</u>	0.54 J	0.60 J	0.67 J	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5		<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70		<u>16.7</u>	<u>13.6</u>	<u>14.7</u>	<u>18.3</u>	<u>43.5</u>	<u>16.3</u>	<u>22.1</u>	<u>24.7</u>	<u>14.1</u>	<u>19.1</u>	<u>8.3</u>	<u>0.55J</u>	<u>0.47</u>
trans-1,2-Dichloroethane	20	100		<1.1	<1.1	<1.1	<0.46	0.77 J	<0.46	<0.46	<0.46	<0.53	0.96 J	0.91 J	<0.53	<0.53
Tetrachloroethene	0.5	5		<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5		<u>8.4</u>	<u>8.5</u>	<u>12.8</u>	<u>12.1</u>	<u>23.2</u>	<u>21.2</u>	<u>16.7</u>	<u>15.7</u>	<u>13.8</u>	<u>0.61 J</u>	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2		<u>2.7</u>	<u>2.3</u>	<u>1.7</u>	<u>1.4</u>	<u>2.1</u>	<u>1.5</u>	<u>1.5</u>	<u>1.2</u>	<u>1.3</u>	<u>3.8</u>	<u>12.5</u>	<u>4.7</u>	<u>0.82J</u>

Well No.			WDNR NR 140 Standards		MW-44											
Parameter	Date	PAL	ES	6/24/2019	9/10/2019	12/12/2019	3/24/2020	6/30/2020	9/24/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/28/2022	9/22/2022
1,1,1-Trichloroethane	40	200		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5		<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850		<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane	0.7	7		<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5		<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane	7	70		<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	0.52 J	<0.47
trans-1,2-Dichloroethane	20	100		<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5		<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5		0.36 J	<0.26	<0.26	<0.26	<0.26	<u>0.60 J</u>	0.32 J	<u>0.57 J</u>	0.35 J	<u>0.81 J</u>	<u>2.2</u>	<u>2.2</u>	<u>2.5</u>
Vinyl chloride	0.02	0.2		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.			WDNR NR 140 Standards		MW-45											
Parameter	Date	PAL	ES	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020	9/23/2020	12/17/2020	3/17/2021	6/9/2021	9/14/2021	12/13/2021	3/24/2022	9/21/2022
1,1,1-Trichloroethane	40	200		12.1	14.5	11.7	13.9	11	13	3.4	11.5	9.7	11.3	12.7	17.7	9.9
1,1,2-Trichloroethane	0.5	5		<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850		11.9	13.9	13.7	12.6	10.4	12.8	5.0	12.7	12.6	13.1	12.8		

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.			MW-52													
Parameter	Date	WDNR NR 140 Standards		6/20/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/21/2020	3/15/2021	6/8/2021	9/15/2021	12/10/2021	3/28/2022	
		PAL	ES													
1,1,1-Trichloroethane		40	200	0.36 J	<0.24	0.58 J	<0.24	0.35 J	<0.24	<0.24	0.99 J	<0.30	<0.30	1.2	2.5	0.40J
1,1,2-Trichloroethane		0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.39 J	<0.27	0.42 J	0.39 J	0.29 J	0.31 J	0.40 J	0.34 J	<0.30	0.36 J	0.35 J	0.50 J	<0.30
1,1-Dichloroethane		0.7	7	0.32 J	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	0.69 J	<0.58
1,2-Dichloroethane		0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane		7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane		20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane		0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane		0.5	5	<u>5.5</u>	<u>4.9</u>	<u>7.3</u>	<u>3.8</u>	<u>4.3</u>	<u>3.3</u>	<u>3.6</u>	<u>4.6</u>	<u>3.1</u>	<u>3.1</u>	<u>4.8</u>	<u>6.5</u>	<u>4.6</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.			MW-53													
Parameter	Date	WDNR NR 140 Standards		6/24/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020	9/24/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/29/2022	9/22/2022
		PAL	ES													
1,1,1-Trichloroethane		40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane		0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane		7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane		20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane		0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane		0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.			MW-54													
Parameter	Date	WDNR NR 140 Standards		6/20/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020	9/25/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/29/2022	9/22/2022
		PAL	ES													
1,1,1-Trichloroethane		40	200	<0.24	<0.24	<0.55	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.55	<0.55	<0.27	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.27	<0.27	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane		0.7	7	<0.24	<0.24	<0.28	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane		7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethane		20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane		0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane		0.5	5	<u>0.58 J</u>	0.42 J	0.28 J	0.35 J	1.4	0.32 J	<u>0.76 J</u>	1.5	<0.32	<0.32	<u>2.4</u>	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.			MW-55													
Parameter	Date	WDNR NR 140 Standards		6/20/2019	9/9/2019	12/9/2019	4/14/2020	6/30/2020	9/24/2020	12/21/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022
		PAL	ES													
1,1,1-Trichloroethane		40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethane		0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethane		7	70	1.0	0.97 J	1.9	2.2	2.0	1.7	2.1	2.4	1.8	1.8	2.5	2.6	2.6
trans-1,2-Dichloroethane		20	100	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethane		0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethane		0.5	5	<u>0.75 J</u>	<u>0.96 J</u>	<u>1.4</u>	<u>0.70 J</u>	<u>0.79 J</u>	<u>0.83 J</u>	<u>0.84 J</u>	<u>0.99 J</u>	<u>1.1q</u>	<u>0.60 J</u>	<u>0.67 J</u>	<u>0.89 J</u>	<u>0.67 J</u>
Vinyl chloride		0.02	0.2	<u>0.32 J</u>	<0.17	<u>0.26 J</u>	<0.17	<0.17	<u>0.24 J</u>	<u>0.22 J</u>	<0.17	<0.17	<0.17	<0.17	0.18 J	0.28J

Notes: Results are in µg/L. Underlined - Result exceeds PAL. 1q - Reported value is most likely a result of carryover from previous sample.
 PAL - Preventative Action Limit **Bold** - Result exceeds ES B - Analyte detected in Method or Trip Blank
 ES - Enforcement Standard (R) - Resample Event J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample (LCS) was above OC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.	WDNR NR 140 Standards		MW-56		MW-56D			
	Parameter	Date	PAL	ES	6/30/2022	9/23/2022	6/30/2022	9/23/2022
1,1,1-Trichloroethane	40	200	4.9	2.3	<0.30	<0.30		
1,1,2-Trichloroethane	0.5	5	<0.69	<0.69	<0.34	<0.34		
1,1-Dichloroethane	85	850	4.6	1.2J	3.8	2.4		
1,1-Dichloroethane	0.7	7	<1.2	<1.2	1.1	0.89J		
1,2-Dichloroethane	0.5	5	<0.58	<0.58	<0.29	<0.29		
cis-1,2-Dichloroethene	7	70	11	4.9	24.4	18.6		
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	2.1	1.4		
Tetrachloroethene	0.5	5	<0.82	<0.82	<0.41	<0.41		
Trichloroethene	0.5	5	17.3	9.0	23.2	13.2		
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.17	<0.17		

Well No.	WDNR NR 140 Standards		Duplicate 1	Duplicate 2	Duplicate 3	Duplicate 1	Duplicate 2	Duplicate 1	Duplicate 2	Duplicate 1	Duplicate 2	Duplicate 1	Duplicate 2
	Parameter	Date	MW-50	MW-23	MW-31	MW-42	MW-31	MW-11	MW-53	NMW-9	MW-49	MW-35	MW-27
1,1,1-Trichloroethane	40	200	4.7	6.2	<0.24	18.3	<0.24	3.9	<0.24	<0.24	25.8	40.8	24.9
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<1.1
1,1-Dichloroethane	85	850	1.6	3.1	<0.27	5.9	<0.27	2.2	<0.27	<0.27	6.4	16.2	8.1
1,1-Dichloroethane	0.7	7	0.83J	1.5	<0.24	2.9	<0.24	1.1	<0.24	0.29J	2.3	5.0	2.3
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.56	<0.56
cis-1,2-Dichloroethene	7	70	0.35J	7.3	0.34J	2.7	<0.27	9.1	<0.27	1.9	1.2	9.9	1.5J
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<2.2	<0.46	<0.46	<0.46	<0.46	<0.46	<0.93	<0.93
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.65	<0.65
Trichloroethene	0.5	5	33.3	104	1.6	112	0.69J	125	<0.26	16.4	161	322	175
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	0.63J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35

Well No.	WDNR NR 140 Standards		Duplicate 3	Duplicate 4	Duplicate 1	Duplicate 2	Duplicate 3	Duplicate 1	Duplicate 2	Duplicate 3	Duplicate 1	Duplicate 2	Duplicate 3
	Parameter	Date	MW-50	MW-50	MW-47	MW-29	MW-23	MW-35	MW-29	MW-9D2	MW-35	MW-42	MW-50
1,1,1-Trichloroethane	40	200	<0.24	8.2	<0.24	28.1	6.0	41.1	28.7	<0.30	38.5	0.35J	3.4
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.69	<0.34	<0.86	<0.86	<0.34
1,1-Dichloroethane	85	850	0.84J	3.1	<0.27	12.7	3.0	20.7	15	<0.30	19.3	34.6	0.39J
1,1-Dichloroethane	0.7	7	<0.24	1.2	<0.24	3.0	1.3	6.5	3.7	<0.58	5.4	9.4	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.58	<0.29	<0.73	<0.73	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	0.53J	<0.27	7.8	15.4	12.2	8.3	<0.47	12.9	8.6	<0.47
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	0.81J	0.58J	<1.1	<0.53	<1.3	<1.3	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.82	<0.41	<1.0	<1.0	<0.41
Trichloroethene	0.5	5	<0.26	64.7	<0.26	183	101	310	200	0.90J	328	444	12.7
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.44	1.4J	<0.17

Well No.	WDNR NR 140 Standards		Duplicate 1	Duplicate 2	Duplicate 3	Duplicate 1	Duplicate 2	Duplicate 3	Duplicate 1	Duplicate 2	Duplicate 3
	Parameter	Date	MW-30	MW-42	MW-51	MW-15	MW-37	MW-27	MW-15	MW-29	MW-25R
1,1,1-Trichloroethane	40	200	94.4	66.1	<0.30	29.7	29.7	<0.30	44.3	21.9	<0.30
1,1,2-Trichloroethane	0.5	5	<3.4	<1.4	<0.34	<1.4	<0.34	<0.34	<3.4	<0.34	<0.34
1,1-Dichloroethane	85	850	41.5	28.6	<0.30	15.7	14	<0.30	22.6	6	<0.30
1,1-Dichloroethane	0.7	7	24.9	9.8	<0.58	3.2J	2.7	<0.58	<5.8	1.9	<0.58
1,2-Dichloroethane	0.5	5	<2.9	<1.2	<0.29	<1.2	<0.29	<0.29	<2.9	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	23.6	8.1	<0.47	31	5.1	<0.47	23.8	5.2	<0.47
trans-1,2-Dichloroethene	20	100	<5.3	<2.1	<0.53	<2.1	1	<0.53	<5.3	<0.53	<0.53
Tetrachloroethene	0.5	5	<4.1	<1.6	<0.41	<1.6	<0.41	<0.41	<4.1	<0.41	<0.41
Trichloroethene	0.5	5	1,930	403	<0.32	670	181	<0.32	1,110	159	<0.32
Vinyl chloride	0.02	0.2	<1.7	3.0J	<0.17	<0.70	<0.17	<0.17	<1.7	<0.17	<0.17

Notes: Results are in µg/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

1q - Reported value is most likely a result of carryover from previous sample.
 B - Analyte detected in Method or Trip Blank
 J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

Table 3. Surface Water Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Sample Name	WDNR NR 140 Standards		Frame Park* / Hobo Spring														
	Parameter	Date	NPS-WW	NPS-LAL	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/28/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022
1,1,1-Trichloroethane			270,000	2.00E+06	16	17.4	13.1	12.8	11.6	14.6	18.2	11.1	17.6	13.3	17.5	13.8	15.1
1,1-Dichloroethane			NS	NS	6.5	6.2	5.2	5.0	4.2	5.2	7.2	5.8	9.1	7.2	8.9	7	5.9
1,1-Dichloroethene			NS	NS	2.6	1.5	1.2	1.3	1.2	1.3	1.7	1.1	2.3	1.8	1.5	1.4	1.2
cis-1,2-Dichloroethene			14,000	56,000	6.7	4.1	9.9	4.6	5.0	4.7	9.3	2.9	5.5	4.3	4.9	4.2	4
trans-1,2-Dichloroethene			24,000	110,000	1.1 J	<1.1	<1.1	<1.1	0.85 J	0.48 J	0.61 J	0.49 J	0.76 J	<0.53	<0.53	<0.53	0.63J
Trichloroethene			539	6,400	164	150	92.5	89.4	105	132	132	76.4	159	113	129	97.3	114

Sample Name	WDNR NR 140 Standards		Streamwater (SW) - Down														
	Parameter	Date	NPS-WW	NPS-LAL	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/28/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022
1,1,1-Trichloroethane			270,000	2.00E+06	0.25 J	0.52 J	0.67 J	0.74 J	0.60J	0.45 J	0.80 J	0.55 J	0.98 J	<0.30	0.47 J	<0.30	1.1
1,1-Dichloroethane			NS	NS	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.35 J	<0.27	0.40 J	<0.30	<0.30	<0.30	0.33J
1,1-Dichloroethene			NS	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene			14,000	56,000	<0.27	<0.24	0.38 J	0.34 J	<0.27	0.29 J	0.46 J	0.30 J	<0.47	<0.47	0.64 J	<0.47	<0.47
trans-1,2-Dichloroethene			24,000	110,000	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Trichloroethene			539	6,400	1.6	2.2	3.6	3.7	2.6	3.8	6.8	3.6	5.2	1.5	4.0	1.4	7.3

Sample Name	WDNR NR 140 Standards		Streamwater (SW) - Up														
	Parameter	Date	NPS-WW	NPS-LAL	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/29/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022
1,1,1-Trichloroethane			270,000	2.00E+06	<0.24	<0.24	0.28 J	0.54 J	1.0	0.34 J	0.58 J	0.47 J	1.4	0.61 J	0.36 J	<0.30	0.48J
1,1-Dichloroethane			NS	NS	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene			NS	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene			14,000	56,000	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene			24,000	110,000	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53
Trichloroethene			539	6,400	<0.26	<0.26	0.77 J	1.2	2.7	2.3	2.2	1.8	4.6	2.0	1.8	0.56 J	2.9

Notes: Results are in ug/L.

NS - No Standard

NPS - Non-Public Water Supply

LAL - Limited Aquatic Life

WW - Warm water forage, limited forage and warm water sport fish communities

J - Estimated concentration between the Limits of Detection and Quantification

ND - Not Detected

ATTACHMENT 1
**Boring Logs, Well Construction Summaries and Development
Forms**

Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other _____

Facility/Project Name Navistar		License/Permit/Monitoring Number		Boring Number MW-25R	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: <u>Todd</u> Last Name: <u>Schmalfeldt</u> Firm: <u>Cascade Drilling, L.P.</u>		Date Drilling Started <u>0 6 0 1 2 0 2 2</u> <small>m m/ d d/ y y y y</small>	Date Drilling Completed <u>0 6 0 1 2 0 2 2</u> <small>m m/ d d/ y y y y</small>	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-25R	Final Static Water Level _____ Feet MSL	Surface Elevation <u>832.05</u> Feet MSL	Borehole Diameter <u>6</u> inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE <u>1/4</u> of SW <u>1/4</u> of Section <u>35</u> , T <u>7</u> N, R <u>19</u> E			Local Grid Location Lat _____ Long _____ _____ Feet _____ N _____ Feet _____ S _____ Feet _____ E _____ Feet _____ W		
Facility ID <u>268005430</u>	County Waukesha	County Code 68	Civil Town / City / or Village Waukesha		

Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties							RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
			2	Boring blind drilled. See boring log for MW-25.												
			4													
			6													
			8													
			10													
			12													
			14													
			16													
			18													
			20													
			22													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark Dol Firm **KPRG and Associates, Inc.**

This form is authorized by Chapters 281, 283, 289, 291, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and consuct invloved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name Navistar		License/Permit/Monitoring Number		Boring Number MW-36D					
Boring Drilled By: Name of crew chief (first,last) and Firm <small>First Name: Todd Last Name: Schmalfeldt</small> Firm: Cascade Drilling, L.P.		Date Drilling Started <u>0</u> <u>5</u> <u>3</u> <u>1</u> <u>2</u> <u>0</u> <u>2</u> <u>2</u> <small>m m/ d d/ y y y y</small>		Date Drilling Completed <u>0</u> <u>6</u> <u>0</u> <u>1</u> <u>2</u> <u>0</u> <u>2</u> <u>2</u> <small>m m/ d d/ y y y y</small>		Drilling Method Sonic			
WI Unique Well No.	DNR Well ID No.	Well Name MW-36D		Final Static Water Level _____ Feet MSL		Surface Elevation 817.05 Feet MSL		Borehole Diameter _____ inches	
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE 1/4 of SW 1/4 of Section <u>35</u> , T <u>7</u> N, R <u>19</u> E				Lat _____ Long _____		Local Grid Location _____ N _____ E _____ Feet _____ S _____ Feet _____ W			
Facility ID 268005430		County Waukesha		County Code 68		Civil Town / City / or Village Waukesha			

Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties							RQD /	Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200					
	37"		2	Brown silty CLAY, increasing silt with depth, medium plasticity, moist														
	29"		4	White/gray DOLOMITE BEDROCK, highly fractured.														
	12"		6															
	6"		8															
	27"		10															
	16"		12	Less fractured, came out as chunks, trace chlorite mineralization.														
	15"		14															
			16															
			18															
	24"		20															Started using water at 10'
			22															Stop drilling at 1712 on 5/31 start 6/1 at 730

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Mark Del* Firm **KPRG and Associates, Inc.**

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Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name Navistar		License/Permit/Monitoring Number		Boring Number MW-56	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Todd Last Name: Schmalfeldt Firm: Cascade Drilling, L.P.		Date Drilling Started 0 6 0 2 2 0 2 2 m m/ d d/ y y y y y y	Date Drilling Completed 0 6 0 2 2 0 2 2 m m/ d d/ y y y y y y	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-56	Final Static Water Level _____ Feet MSL	Surface Elevation 832.33 Feet MSL	Borehole Diameter 6 inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE 1/4 of SW 1/4 of Section 35, T 7 N, R 19 E			Local Grid Location _____ N _____ E _____ Feet S _____ Feet W		
Facility ID 268005430	County Waukesha	County Code 68	Civil Town / City / or Village City of Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	0		2	Boring hydrovac'd to 8' below ground surface to clear utilities.											
	24"		4	Brown, COARSE SAND AND GRAVEL, with cobbles. Color change to white/gray at 9'.											
	38"		6												
	46"		8												
			10												
			12	Highly fractured white/gray DOLOMITE BEDROCK, less fractured with increasing depth.											
			14												
			16												
			18												
	38"		20												
			22												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Mark Del* Firm **KPRG and Associates, Inc.**

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Sample			Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
Number and Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	38"		24	End of boring at 25'.											
			26												
			28												
			30												
			32												
			34												
			36												
			38												
			40												
			42												
			44												
			46												
			48												
			50												
			52												
			54												
			56												
			58												
			60												
			62												

Route To: Watershed / Wastewater Waste Management
Remediation / Redevelopment Other

Facility/Project Name Navistar		License/Permit/Monitoring Number		Boring Number MW-56D	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: <u>Todd</u> Last Name: <u>Schmalfeldt</u> Firm: <u>Cascade Drilling, L.P.</u>		Date Drilling Started <u>0 6 0 2 2 0 2 2</u> <small>m m/ d d/ y y y y</small>	Date Drilling Completed <u>0 6 0 2 2 0 2 2</u> <small>m m/ d d/ y y y y</small>	Drilling Method Sonic	
WI Unique Well No.	DNR Well ID No.	Well Name MW-56D	Final Static Water Level _____ Feet MSL	Surface Elevation <u>832.45</u> Feet MSL	Borehole Diameter <u>6</u> inches
Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE <u>1/4</u> of SW <u>1/4</u> of Section <u>35</u> , T <u>7</u> N, R <u>19</u> E			Local Grid Location _____ Feet _____ N _____ Feet _____ S _____ Feet _____ E _____ Feet _____ W		
Facility ID <u>268005430</u>	County <u>Waukesha</u>	County Code <u>68</u>	Civil Town / City / or Village <u>Waukesha</u>		

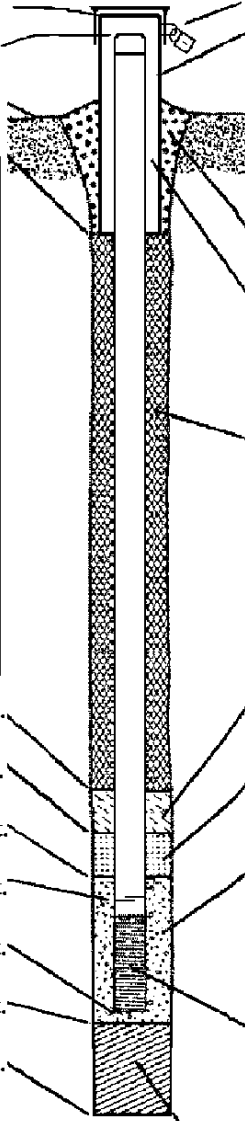
Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties							RQD / Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			2	Boring blind drilled to 25' below ground surface. See boring log for MW-56.													
			4														
			6														
			8														
			10														
			12														
			14														
			16														
			18														
			20														
			22														

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Mark Del* Firm **KPRG and Associates, Inc.**

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Facility/Project Name Former Navistar Facility		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-25R	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID 268005430		Lat. " Long. " or		Date Well Installed 06 / 01 / 2022 m m d d y y y y	
Type of Well Well Code 11 / mw		St. Plane _____ ft. N, _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm Schmalfeldt, Todd	
Distance from Waste/ Source _____ ft.		Section Location of Waste/Source SE 1/4 of SW 1/4 of Sec. 35, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Cascade Drilling, LP	
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number	

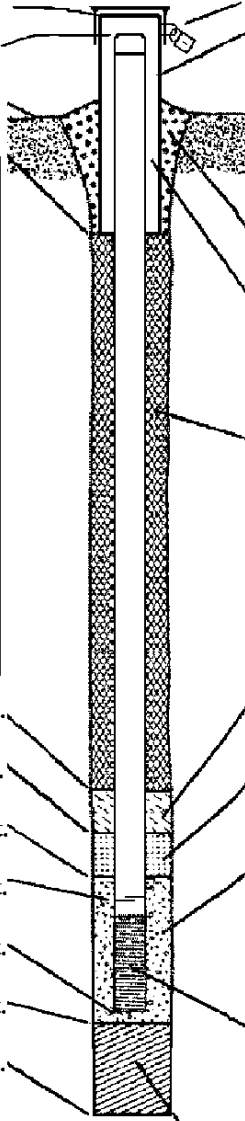
<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Sonic _____ Hollow Stem Auger <input type="checkbox"/> 41 Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or _____ ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or _____ ft.</p> <p>H. Screen joint, top _____ ft. MSL or _____ ft.</p> <p>I. Well bottom _____ ft. MSL or _____ ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or _____ ft.</p> <p>K. Borehole, bottom _____ ft. MSL or _____ ft.</p> <p>L. Borehole, diameter _____ in.</p> <p>M. O.D. well casing _____ in.</p> <p>N. I.D. well casing _____ in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint _____ b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: _____ ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark Del Firm KPRG and Associates, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name Former Navistar Facility		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-36D	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>	
Facility ID 268005430		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed 06 / 01 / 2022 m m d d y y y y	
Type of Well Well Code 11 / mw		Section Location of Waste/Source SE 1/4 of SW 1/4 of Sec. 35, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Schmalfeldt, Todd	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				Well Installed By: Name (first, last) and Firm Cascade Drilling, LP	

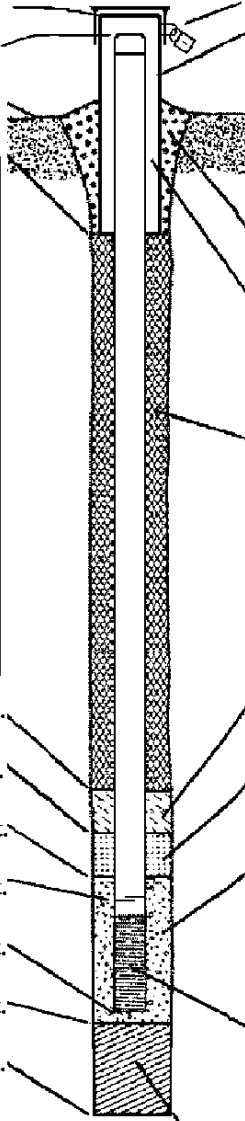
<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Sonic _____ Hollow Stem Auger <input type="checkbox"/> 41 Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or _____ ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or _____ ft.</p> <p>H. Screen joint, top _____ ft. MSL or _____ ft.</p> <p>I. Well bottom _____ ft. MSL or _____ ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or _____ ft.</p> <p>K. Borehole, bottom _____ ft. MSL or _____ ft.</p> <p>L. Borehole, diameter _____ in.</p> <p>M. O.D. well casing _____ in.</p> <p>N. I.D. well casing _____ in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: _____ ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
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Signature Mark Del Firm KPRG and Associates, Inc.

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Facility/Project Name Former Navistar Facility		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-56	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID 268005430		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed 06 / 02 / 2022 m m d d y y y y	
Type of Well Well Code 11 / mw		Section Location of Waste/Source SE 1/4 of SW 1/4 of Sec. 35, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Schmalfeldt, Todd	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				Well Installed By: Name (first, last) and Firm Cascade Drilling, LP	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Sonic _____ Hollow Stem Auger <input type="checkbox"/> 41 Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or _____ ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or _____ ft.</p> <p>H. Screen joint, top _____ ft. MSL or _____ ft.</p> <p>I. Well bottom _____ ft. MSL or _____ ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or _____ ft.</p> <p>K. Borehole, bottom _____ ft. MSL or _____ ft.</p> <p>L. Borehole, diameter _____ in.</p> <p>M. O.D. well casing _____ in.</p> <p>N. I.D. well casing _____ in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> b. Manufacturer Johnson c. Slot size: 0.010 in. d. Slotted length: _____ ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
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Signature Mark Del... Firm KPRG and Associates, Inc.

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Facility/Project Name Former Navistar Facility		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-56D	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>	
Facility ID 268005430		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed 06 / 02 / 2022 m m d d y y y y	
Type of Well Well Code 11 / mw		Section Location of Waste/Source SE 1/4 of SW 1/4 of Sec. 35, T. 7 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Schmalfeldt, Todd	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				Well Installed By: Name (first, last) and Firm Cascade Drilling, LP	

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation _____ ft. MSL
- C. Land surface elevation _____ ft. MSL
- D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

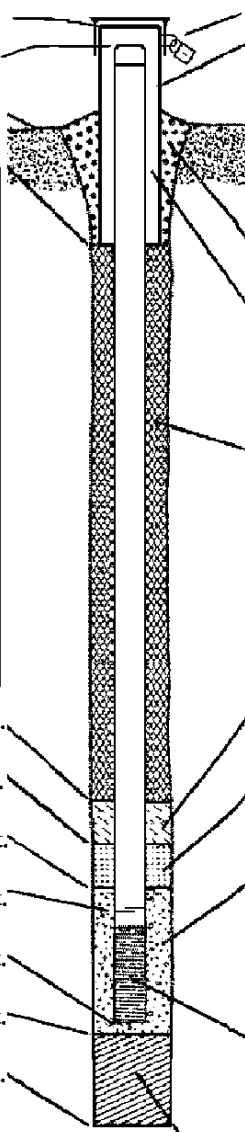
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Sonic _____ Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis, if required):



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: _____ in. (12 in. shown)
 - b. Length: _____ ft. (1 ft. shown)
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal: Bentonite 30
Concrete 01
Other
- 4. Material between well casing and protective pipe: Bentonite 30
Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight... Bentonite slurry 31
 - d. _____ % Bentonite... Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 a. Red Flint
 b. Volume added _____ ft³
- 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other
- 10. Screen material: PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other
- b. Manufacturer Johnson
 c. Slot size: 0.010 in.
 d. Slotted length: 10 ft.
- 11. Backfill material (below filter pack): None 14
 Other

- E. Bentonite seal, top _____ ft. MSL or _____ ft. (1 ft. shown)
- F. Fine sand, top _____ ft. MSL or _____ ft. (51 ft. shown)
- G. Filter pack, top _____ ft. MSL or _____ ft. (53 ft. shown)
- H. Screen joint, top _____ ft. MSL or _____ ft. (55 ft. shown)
- I. Well bottom _____ ft. MSL or _____ ft. (60 ft. shown)
- J. Filter pack, bottom _____ ft. MSL or _____ ft. (60 ft. shown)
- K. Borehole, bottom _____ ft. MSL or _____ ft. (60 ft. shown)
- L. Borehole, diameter _____ in. (6 in. shown)
- M. O.D. well casing _____ in.
- N. I.D. well casing _____ in. (2.0 in. shown)

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark Del... Firm KPRG and Associates, Inc.

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Navistar</u>	County Name <u>Waukesha</u>	Well Name <u>MW-25R</u>
Facility License, Permit or Monitoring Number	County Code <u>08</u>	Wis. Unique Well Number
		DNR Well ID Number

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other
3. Time spent developing well 60 min.
4. Depth of well (from top of well casing) 34.0 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 15.0 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added city of Waukesha, WI
10. Analysis performed on water added? Yes No
(if yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>19.63</u> ft.	<u>dry</u> ft.
Date	b. <u>06/06/2022</u> m m d d y y y y	<u>06/06/2022</u> m m d d y y y y
Time	c. <u>3:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>4:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>0.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) _____
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
 First Name: Todd Last Name: Schmalfeldt
 Firm: Cascade

17. Additional comments on development:
pump dry 3 times

Name and Address of Facility Contact /Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: Navistar

Street: 1401 Perkins Ave

City/State/Zip: Waukesha / WI / 53186

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: _____

Print Name: Todd Schmalfeldt

Firm: Cascade

NOTE: See instructions for more information including a list of county codes and well type codes.

Inpark

Route to: Watershed/Wastewater Waste Management

Remediation/Redevelopment Other

Facility/Project Name <u>Navistar</u>	County Name <u>Waukesha</u>	Well Name <u>MW 36D</u>
Facility License, Permit or Monitoring Number	County Code <u>08</u>	Wis. Unique Well Number
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other 61

3. Time spent developing well 120 min.

4. Depth of well (from top of well casing) 455 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 18.0 gal.

7. Volume of water removed from well 55.0 gal.

8. Volume of water added (if any) 1 gal.

9. Source of water added City of Waukesha, WI

10. Analysis performed on water added? Yes No (if yes, attach results)

17. Additional comments on development:

11. Depth to Water Before Development After Development

(from top of well casing) a. 340 ft. 29.97 ft.

Date b. 06/06/2022 06/06/2022
m m d d y y y y m m d d y y y y

Time c. 12:45 a.m. p.m. 2:45 a.m. p.m.

12. Sediment in well bottom 9.0 inches 0.0 inches

13. Water clarity Clear 10 Turbid 15 (Describe) Clear 20 Turbid 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Todd Last Name: Schmalfeldt

Firm: Cascade

Name and Address of Facility Contact/Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: Navistar

Street: 1401 Perkins Ave

City/State/Zip: Waukesha/WI/53188

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: _____

Print Name: Todd Schmalfeldt

Firm: Cascade

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Navistar</u>	County Name <u>Waukesha</u>	Well Name <u>MW-56</u>
Facility License, Permit or Monitoring Number	County Code <u>68</u>	Wis. Unique Well Number
		DNR Well ID Number

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other
3. Time spent developing well _____ min.
4. Depth of well (from top of well casing) 24.85 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 400 gal.
8. Volume of water added (if any) ? gal.
9. Source of water added City of Waukesha, WI
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>18.50</u> ft.	<u>21.09</u> ft.
Date	b. <u>06/06/2022</u> m m d d y y y y	<u>06/06/2022</u> m m d d y y y y
Time	c. <u>4:15</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>5:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) _____	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) _____
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Todd Last Name: Schmalfeldt

Firm: Cascade

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: Navistar

Street: 1401 Parkway Ave

City/State/Zip: Waukesha / WI / 53186

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: _____

Print Name: Todd Schmalfeldt

Firm: Cascade

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name <u>Navistar</u>	County Name <u>Waukesha</u>	Well Name <u>MW-56D</u>
Facility License, Permit or Monitoring Number	County Code <u>68</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 60 min.
4. Depth of well (from top of well casing) 59.0 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 200 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added City of Waukesha, WI
10. Analysis performed on water added? Yes No (if yes, attach results)

- | | Before Development | After Development |
|---|--|--|
| 11. Depth to Water (from top of well casing) | a. <u>19.13</u> ft. | <u>Dry</u> ft. |
| Date | b. <u>06/06/2022</u>
m m d d y y y y | <u>06/06/2022</u>
m m d d y y y y |
| Time | c. <u>5:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m. | <u>6:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m. |
| 12. Sediment in well bottom | _____ inches | _____ inches |
| 13. Water clarity | Clear <input type="checkbox"/> 10
Turbid <input checked="" type="checkbox"/> 15
(Describe) _____ | Clear <input checked="" type="checkbox"/> 20
Turbid <input type="checkbox"/> 25
(Describe) _____ |
| Fill in if drilling fluids were used and well is at solid waste facility: | | |
| 14. Total suspended solids | _____ mg/l | _____ mg/l |
| 15. COD | _____ mg/l | _____ mg/l |

16. Well developed by: Name (first, last) and Firm

First Name: Todd Last Name: Schmalfeldt

Firm: Cascade

17. Additional comments on development:
pump Dry 3 times

Name and Address of Facility Contact / Owner / Responsible Party

First Name: _____ Last Name: _____

Facility/Firm: Navistar

Street: 1401 Perkins Ave

City/State/Zip: Waukesha / WI / 53186

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: _____

Print Name: Todd Schmalfeldt

Firm: Cascade

NOTE: See instructions for more information including a list of county codes and well type codes.

ATTACHMENT 2
Analytical Data Packages

September 27, 2022

Mitchel Dolan
KPRG AND ASSOCIATES, INC.
14665 W. Lisbon Rd.
Suite 1A
Brookfield, WI 53005

RE: Project: 11717 NAVISTAR
Pace Project No.: 40251913

Dear Mitchel Dolan:

Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 2022. 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@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Josh Davenport, KPRG and Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

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

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SAMPLE SUMMARY

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40251913001	MW-31	Water	09/19/22 13:21	09/22/22 08:10
40251913002	NMW-7	Water	09/19/22 13:53	09/22/22 08:10
40251913003	NMW-1	Water	09/19/22 14:24	09/22/22 08:10
40251913004	NMW-8R	Water	09/19/22 14:49	09/22/22 08:10
40251913005	MW-9D2	Water	09/19/22 15:13	09/22/22 08:10
40251913006	NMW-9	Water	09/19/22 15:37	09/22/22 08:10
40251913007	NMW-4	Water	09/20/22 10:01	09/22/22 08:10
40251913008	MW-9D	Water	09/20/22 11:15	09/22/22 08:10
40251913009	MW-15	Water	09/20/22 11:43	09/22/22 08:10
40251913010	MW-13	Water	09/20/22 12:10	09/22/22 08:10
40251913011	MW-11	Water	09/20/22 12:38	09/22/22 08:10
40251913012	MW-24D	Water	09/20/22 13:03	09/22/22 08:10
40251913013	MW-24	Water	09/20/22 13:27	09/22/22 08:10
40251913014	MW-30	Water	09/20/22 13:56	09/22/22 08:10
40251913015	MW-23	Water	09/20/22 14:25	09/22/22 08:10
40251913016	CREEK-UPSTREAM	Water	09/20/22 14:50	09/22/22 08:10
40251913017	CREEK-DOWNSTREAM	Water	09/20/22 15:03	09/22/22 08:10
40251913018	HOBO SPRING	Water	09/20/22 15:07	09/22/22 08:10
40251913019	MW-33	Water	09/21/22 11:16	09/22/22 08:10
40251913020	MW-28	Water	09/21/22 11:51	09/22/22 08:10
40251913021	MW-43	Water	09/21/22 12:25	09/22/22 08:10
40251913022	MW-34	Water	09/21/22 12:51	09/22/22 08:10
40251913023	MW-42	Water	09/21/22 13:19	09/22/22 08:10
40251913024	NMW-3R	Water	09/21/22 13:46	09/22/22 08:10
40251913025	MW-45	Water	09/21/22 14:19	09/22/22 08:10
40251913026	MW-29	Water	09/21/22 14:44	09/22/22 08:10
40251913027	MW-29D	Water	09/21/22 15:14	09/22/22 08:10
40251913028	DUP-1	Water	09/20/22 00:00	09/22/22 08:10
40251913029	DUP-2	Water	09/21/22 00:00	09/22/22 08:10
40251913030	TRIP BLANK	Water	09/21/22 00:00	09/22/22 08:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40251913001	MW-31	EPA 8260	EIB	13	PASI-G
40251913002	NMW-7	EPA 8260	EIB	13	PASI-G
40251913003	NMW-1	EPA 8260	EIB	13	PASI-G
40251913004	NMW-8R	EPA 8260	EIB	13	PASI-G
40251913005	MW-9D2	EPA 8260	EIB	13	PASI-G
40251913006	NMW-9	EPA 8260	EIB	13	PASI-G
40251913007	NMW-4	EPA 8260	EIB	13	PASI-G
40251913008	MW-9D	EPA 8260	EIB	13	PASI-G
40251913009	MW-15	EPA 8260	EIB	13	PASI-G
40251913010	MW-13	EPA 8260	EIB	13	PASI-G
40251913011	MW-11	EPA 8260	EIB	13	PASI-G
40251913012	MW-24D	EPA 8260	EIB	13	PASI-G
40251913013	MW-24	EPA 8260	EIB	13	PASI-G
40251913014	MW-30	EPA 8260	EIB	13	PASI-G
40251913015	MW-23	EPA 8260	EIB	13	PASI-G
40251913016	CREEK-UPSTREAM	EPA 8260	EIB	13	PASI-G
40251913017	CREEK-DOWNSTREAM	EPA 8260	EIB	13	PASI-G
40251913018	HOBO SPRING	EPA 8260	EIB	13	PASI-G
40251913019	MW-33	EPA 8260	EIB	13	PASI-G
40251913020	MW-28	EPA 8260	EIB	13	PASI-G
40251913021	MW-43	EPA 8260	EIB	13	PASI-G
40251913022	MW-34	EPA 8260	EIB	13	PASI-G
40251913023	MW-42	EPA 8260	EIB	13	PASI-G
40251913024	NMW-3R	EPA 8260	EIB	13	PASI-G
40251913025	MW-45	EPA 8260	EIB	13	PASI-G
40251913026	MW-29	EPA 8260	EIB	13	PASI-G
40251913027	MW-29D	EPA 8260	EIB	13	PASI-G
40251913028	DUP-1	EPA 8260	EIB	13	PASI-G
40251913029	DUP-2	EPA 8260	EIB	13	PASI-G
40251913030	TRIP BLANK	EPA 8260	EIB	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40251913001	MW-31					
EPA 8260	Trichloroethene	0.87J	ug/L	1.0	09/23/22 12:37	
40251913002	NMW-7					
EPA 8260	1,1,1-Trichloroethane	11.7	ug/L	1.0	09/23/22 12:57	
EPA 8260	1,1-Dichloroethane	3.5	ug/L	1.0	09/23/22 12:57	
EPA 8260	1,1-Dichloroethene	1.4	ug/L	1.0	09/23/22 12:57	
EPA 8260	Trichloroethene	76.5	ug/L	1.0	09/23/22 12:57	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	09/23/22 12:57	
40251913003	NMW-1					
EPA 8260	1,1,1-Trichloroethane	75.5	ug/L	2.5	09/23/22 17:41	
EPA 8260	1,1-Dichloroethane	20.6	ug/L	2.5	09/23/22 17:41	
EPA 8260	Trichloroethene	402	ug/L	2.5	09/23/22 17:41	
EPA 8260	cis-1,2-Dichloroethene	4.8	ug/L	2.5	09/23/22 17:41	
40251913004	NMW-8R					
EPA 8260	1,1,1-Trichloroethane	30.8	ug/L	2.0	09/23/22 18:00	
EPA 8260	1,1-Dichloroethane	8.5	ug/L	2.0	09/23/22 18:00	
EPA 8260	Trichloroethene	160	ug/L	2.0	09/23/22 18:00	
EPA 8260	cis-1,2-Dichloroethene	9.1	ug/L	2.0	09/23/22 18:00	
40251913005	MW-9D2					
EPA 8260	Trichloroethene	31.1	ug/L	1.0	09/23/22 13:17	
EPA 8260	cis-1,2-Dichloroethene	12.3	ug/L	1.0	09/23/22 13:17	
40251913006	NMW-9					
EPA 8260	1,1,1-Trichloroethane	10.4	ug/L	5.0	09/23/22 17:14	
EPA 8260	1,1-Dichloroethane	4.3J	ug/L	5.0	09/23/22 17:14	
EPA 8260	Trichloroethene	240	ug/L	5.0	09/23/22 17:14	
EPA 8260	cis-1,2-Dichloroethene	6.0	ug/L	5.0	09/23/22 17:14	
40251913008	MW-9D					
EPA 8260	1,1,1-Trichloroethane	13.3	ug/L	1.0	09/23/22 15:36	
EPA 8260	1,1-Dichloroethane	10.5	ug/L	1.0	09/23/22 15:36	
EPA 8260	1,1-Dichloroethene	4.9	ug/L	1.0	09/23/22 15:36	
EPA 8260	Trichloroethene	295	ug/L	1.0	09/23/22 15:36	
EPA 8260	cis-1,2-Dichloroethene	41.1	ug/L	1.0	09/23/22 15:36	
EPA 8260	trans-1,2-Dichloroethene	2.6	ug/L	1.0	09/23/22 15:36	
40251913009	MW-15					
EPA 8260	1,1,1-Trichloroethane	47.3	ug/L	5.0	09/23/22 16:54	
EPA 8260	1,1-Dichloroethane	22.9	ug/L	5.0	09/23/22 16:54	
EPA 8260	1,1-Dichloroethene	6.7	ug/L	5.0	09/23/22 16:54	
EPA 8260	Trichloroethene	1110	ug/L	5.0	09/23/22 16:54	
EPA 8260	cis-1,2-Dichloroethene	22.4	ug/L	5.0	09/23/22 16:54	
40251913010	MW-13					
EPA 8260	1,1,1-Trichloroethane	12.6	ug/L	5.0	09/26/22 10:40	
EPA 8260	1,1-Dichloroethane	13.9	ug/L	5.0	09/26/22 10:40	
EPA 8260	Trichloroethene	602	ug/L	5.0	09/26/22 10:40	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40251913010	MW-13					
EPA 8260	cis-1,2-Dichloroethene	26.0	ug/L	5.0	09/26/22 10:40	
40251913011	MW-11					
EPA 8260	1,1,1-Trichloroethane	7.3	ug/L	1.0	09/23/22 15:55	
EPA 8260	1,1-Dichloroethane	5.7	ug/L	1.0	09/23/22 15:55	
EPA 8260	1,1-Dichloroethene	2.3	ug/L	1.0	09/23/22 15:55	
EPA 8260	Trichloroethene	258	ug/L	1.0	09/23/22 15:55	
EPA 8260	cis-1,2-Dichloroethene	11.6	ug/L	1.0	09/23/22 15:55	
EPA 8260	trans-1,2-Dichloroethene	0.56J	ug/L	1.0	09/23/22 15:55	
40251913012	MW-24D					
EPA 8260	1,1-Dichloroethane	2.1	ug/L	1.0	09/23/22 13:37	
EPA 8260	Trichloroethene	2.7	ug/L	1.0	09/23/22 13:37	
EPA 8260	cis-1,2-Dichloroethene	15.6	ug/L	1.0	09/23/22 13:37	
EPA 8260	trans-1,2-Dichloroethene	0.71J	ug/L	1.0	09/23/22 13:37	
40251913013	MW-24					
EPA 8260	1,1,1-Trichloroethane	12.1	ug/L	1.0	09/23/22 14:37	
EPA 8260	1,1-Dichloroethane	5.6	ug/L	1.0	09/23/22 14:37	
EPA 8260	1,2-Dichloroethane	1.3	ug/L	1.0	09/23/22 14:37	
EPA 8260	Trichloroethene	65.1	ug/L	1.0	09/23/22 14:37	
EPA 8260	cis-1,2-Dichloroethene	25.7	ug/L	1.0	09/23/22 14:37	
EPA 8260	trans-1,2-Dichloroethene	4.4	ug/L	1.0	09/23/22 14:37	
40251913014	MW-30					
EPA 8260	1,1,1-Trichloroethane	46.3	ug/L	10.0	09/26/22 10:20	
EPA 8260	1,1-Dichloroethane	26.1	ug/L	10.0	09/26/22 10:20	
EPA 8260	1,1-Dichloroethene	16.3	ug/L	10.0	09/26/22 10:20	
EPA 8260	Trichloroethene	1420	ug/L	10.0	09/26/22 10:20	
EPA 8260	cis-1,2-Dichloroethene	37.4	ug/L	10.0	09/26/22 10:20	
40251913015	MW-23					
EPA 8260	1,1,1-Trichloroethane	0.45J	ug/L	1.0	09/23/22 14:56	
EPA 8260	Trichloroethene	10.6	ug/L	1.0	09/23/22 14:56	
EPA 8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	09/23/22 14:56	
40251913016	CREEK-UPSTREAM					
EPA 8260	1,1,1-Trichloroethane	0.48J	ug/L	1.0	09/23/22 11:39	
EPA 8260	Trichloroethene	2.9	ug/L	1.0	09/23/22 11:39	
40251913017	CREEK-DOWNSTREAM					
EPA 8260	1,1,1-Trichloroethane	1.1	ug/L	1.0	09/23/22 11:58	
EPA 8260	1,1-Dichloroethane	0.33J	ug/L	1.0	09/23/22 11:58	
EPA 8260	Trichloroethene	7.3	ug/L	1.0	09/23/22 11:58	
40251913018	HOBO SPRING					
EPA 8260	1,1,1-Trichloroethane	15.1	ug/L	1.0	09/23/22 15:16	
EPA 8260	1,1-Dichloroethane	5.9	ug/L	1.0	09/23/22 15:16	
EPA 8260	1,1-Dichloroethene	1.2	ug/L	1.0	09/23/22 15:16	
EPA 8260	Trichloroethene	114	ug/L	1.0	09/23/22 15:16	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40251913018	HOBO SPRING					
EPA 8260	cis-1,2-Dichloroethene	4.0	ug/L	1.0	09/23/22 15:16	
EPA 8260	trans-1,2-Dichloroethene	0.63J	ug/L	1.0	09/23/22 15:16	
40251913019	MW-33					
EPA 8260	Trichloroethene	11.3	ug/L	1.0	09/23/22 13:56	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	09/23/22 13:56	
40251913020	MW-28					
EPA 8260	Trichloroethene	0.33J	ug/L	1.0	09/23/22 14:16	
40251913021	MW-43					
EPA 8260	Vinyl chloride	0.82J	ug/L	1.0	09/27/22 08:40	
40251913023	MW-42					
EPA 8260	1,1,1-Trichloroethane	75.0	ug/L	2.0	09/26/22 19:30	
EPA 8260	1,1-Dichloroethane	19.7	ug/L	2.0	09/26/22 19:30	
EPA 8260	1,1-Dichloroethene	6.7	ug/L	2.0	09/26/22 19:30	
EPA 8260	Trichloroethene	412	ug/L	2.0	09/26/22 19:30	
EPA 8260	Vinyl chloride	3.0	ug/L	2.0	09/26/22 19:30	
EPA 8260	cis-1,2-Dichloroethene	8.0	ug/L	2.0	09/26/22 19:30	
40251913024	NMW-3R					
EPA 8260	1,1,1-Trichloroethane	0.47J	ug/L	1.0	09/26/22 14:53	
EPA 8260	1,1-Dichloroethane	1.7	ug/L	1.0	09/26/22 14:53	
EPA 8260	Trichloroethene	7.3	ug/L	1.0	09/26/22 14:53	
EPA 8260	cis-1,2-Dichloroethene	3.5	ug/L	1.0	09/26/22 14:53	
40251913025	MW-45					
EPA 8260	1,1,1-Trichloroethane	9.9	ug/L	1.0	09/26/22 15:13	
EPA 8260	1,1-Dichloroethane	11.3	ug/L	1.0	09/26/22 15:13	
EPA 8260	1,1-Dichloroethene	2.1	ug/L	1.0	09/26/22 15:13	
EPA 8260	Trichloroethene	165	ug/L	1.0	09/26/22 15:13	
EPA 8260	cis-1,2-Dichloroethene	24.7	ug/L	1.0	09/26/22 15:13	
EPA 8260	trans-1,2-Dichloroethene	0.62J	ug/L	1.0	09/26/22 15:13	
40251913026	MW-29					
EPA 8260	1,1,1-Trichloroethane	20.7	ug/L	1.0	09/26/22 15:32	
EPA 8260	1,1-Dichloroethane	5.6	ug/L	1.0	09/26/22 15:32	
EPA 8260	1,1-Dichloroethene	1.7	ug/L	1.0	09/26/22 15:32	
EPA 8260	Trichloroethene	146	ug/L	1.0	09/26/22 15:32	
EPA 8260	cis-1,2-Dichloroethene	4.7	ug/L	1.0	09/26/22 15:32	
40251913028	DUP-1					
EPA 8260	1,1,1-Trichloroethane	44.3	ug/L	10.0	09/26/22 15:52	
EPA 8260	1,1-Dichloroethane	22.6	ug/L	10.0	09/26/22 15:52	
EPA 8260	Trichloroethene	1110	ug/L	10.0	09/26/22 15:52	
EPA 8260	cis-1,2-Dichloroethene	23.8	ug/L	10.0	09/26/22 15:52	
40251913029	DUP-2					
EPA 8260	1,1,1-Trichloroethane	21.9	ug/L	1.0	09/26/22 14:14	
EPA 8260	1,1-Dichloroethane	6.0	ug/L	1.0	09/26/22 14:14	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40251913029	DUP-2					
EPA 8260	1,1-Dichloroethene	1.9	ug/L	1.0	09/26/22 14:14	
EPA 8260	Trichloroethene	159	ug/L	1.0	09/26/22 14:14	
EPA 8260	cis-1,2-Dichloroethene	5.2	ug/L	1.0	09/26/22 14:14	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-31 **Lab ID: 40251913001** Collected: 09/19/22 13:21 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 12:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 12:37	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 12:37	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 12:37	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 12:37	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 12:37	127-18-4	
Trichloroethene	0.87J	ug/L	1.0	0.32	1		09/23/22 12:37	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 12:37	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/23/22 12:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 12:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/23/22 12:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 12:37	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/23/22 12:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: NMW-7 **Lab ID: 40251913002** Collected: 09/19/22 13:53 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	11.7	ug/L	1.0	0.30	1		09/23/22 12:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 12:57	79-00-5	
1,1-Dichloroethane	3.5	ug/L	1.0	0.30	1		09/23/22 12:57	75-34-3	
1,1-Dichloroethene	1.4	ug/L	1.0	0.58	1		09/23/22 12:57	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 12:57	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 12:57	127-18-4	
Trichloroethene	76.5	ug/L	1.0	0.32	1		09/23/22 12:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 12:57	75-01-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.47	1		09/23/22 12:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 12:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/23/22 12:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 12:57	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/23/22 12:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: NMW-1 **Lab ID: 40251913003** Collected: 09/19/22 14:24 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	75.5	ug/L	2.5	0.76	2.5		09/23/22 17:41	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	12.5	0.86	2.5		09/23/22 17:41	79-00-5	
1,1-Dichloroethane	20.6	ug/L	2.5	0.74	2.5		09/23/22 17:41	75-34-3	
1,1-Dichloroethene	<1.5	ug/L	2.5	1.5	2.5		09/23/22 17:41	75-35-4	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		09/23/22 17:41	107-06-2	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		09/23/22 17:41	127-18-4	
Trichloroethene	402	ug/L	2.5	0.80	2.5		09/23/22 17:41	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		09/23/22 17:41	75-01-4	
cis-1,2-Dichloroethene	4.8	ug/L	2.5	1.2	2.5		09/23/22 17:41	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		09/23/22 17:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2.5		09/23/22 17:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2.5		09/23/22 17:41	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2.5		09/23/22 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: NMW-8R **Lab ID: 40251913004** Collected: 09/19/22 14:49 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	30.8	ug/L	2.0	0.61	2		09/23/22 18:00	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/23/22 18:00	79-00-5	
1,1-Dichloroethane	8.5	ug/L	2.0	0.59	2		09/23/22 18:00	75-34-3	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		09/23/22 18:00	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/23/22 18:00	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/23/22 18:00	127-18-4	
Trichloroethene	160	ug/L	2.0	0.64	2		09/23/22 18:00	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/23/22 18:00	75-01-4	
cis-1,2-Dichloroethene	9.1	ug/L	2.0	0.94	2		09/23/22 18:00	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/23/22 18:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		2		09/23/22 18:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		2		09/23/22 18:00	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		09/23/22 18:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-9D2 **Lab ID: 40251913005** Collected: 09/19/22 15:13 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 13:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 13:17	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 13:17	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 13:17	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 13:17	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 13:17	127-18-4	
Trichloroethene	31.1	ug/L	1.0	0.32	1		09/23/22 13:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 13:17	75-01-4	
cis-1,2-Dichloroethene	12.3	ug/L	1.0	0.47	1		09/23/22 13:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 13:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/23/22 13:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		09/23/22 13:17	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		09/23/22 13:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: NMW-9 **Lab ID: 40251913006** Collected: 09/19/22 15:37 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	10.4	ug/L	5.0	1.5	5		09/23/22 17:14	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		09/23/22 17:14	79-00-5	
1,1-Dichloroethane	4.3J	ug/L	5.0	1.5	5		09/23/22 17:14	75-34-3	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		09/23/22 17:14	75-35-4	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		09/23/22 17:14	107-06-2	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		09/23/22 17:14	127-18-4	
Trichloroethene	240	ug/L	5.0	1.6	5		09/23/22 17:14	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		09/23/22 17:14	75-01-4	
cis-1,2-Dichloroethene	6.0	ug/L	5.0	2.4	5		09/23/22 17:14	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		09/23/22 17:14	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		5		09/23/22 17:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		5		09/23/22 17:14	2199-69-1	
Toluene-d8 (S)	103	%	70-130		5		09/23/22 17:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: NMW-4 **Lab ID: 40251913007** Collected: 09/20/22 10:01 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 12:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 12:18	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 12:18	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 12:18	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 12:18	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 12:18	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/23/22 12:18	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 12:18	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/23/22 12:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 12:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/23/22 12:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/23/22 12:18	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/23/22 12:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-9D **Lab ID: 40251913008** Collected: 09/20/22 11:15 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	13.3	ug/L	1.0	0.30	1		09/23/22 15:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 15:36	79-00-5	
1,1-Dichloroethane	10.5	ug/L	1.0	0.30	1		09/23/22 15:36	75-34-3	
1,1-Dichloroethene	4.9	ug/L	1.0	0.58	1		09/23/22 15:36	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 15:36	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 15:36	127-18-4	
Trichloroethene	295	ug/L	1.0	0.32	1		09/23/22 15:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 15:36	75-01-4	
cis-1,2-Dichloroethene	41.1	ug/L	1.0	0.47	1		09/23/22 15:36	156-59-2	
trans-1,2-Dichloroethene	2.6	ug/L	1.0	0.53	1		09/23/22 15:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/23/22 15:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 15:36	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/23/22 15:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-15 **Lab ID: 40251913009** Collected: 09/20/22 11:43 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	47.3	ug/L	5.0	1.5	5		09/23/22 16:54	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		09/23/22 16:54	79-00-5	
1,1-Dichloroethane	22.9	ug/L	5.0	1.5	5		09/23/22 16:54	75-34-3	
1,1-Dichloroethene	6.7	ug/L	5.0	2.9	5		09/23/22 16:54	75-35-4	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		09/23/22 16:54	107-06-2	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		09/23/22 16:54	127-18-4	
Trichloroethene	1110	ug/L	5.0	1.6	5		09/23/22 16:54	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		09/23/22 16:54	75-01-4	
cis-1,2-Dichloroethene	22.4	ug/L	5.0	2.4	5		09/23/22 16:54	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		09/23/22 16:54	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		5		09/23/22 16:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		5		09/23/22 16:54	2199-69-1	
Toluene-d8 (S)	102	%	70-130		5		09/23/22 16:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-13 **Lab ID: 40251913010** Collected: 09/20/22 12:10 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	12.6	ug/L	5.0	1.5	5		09/26/22 10:40	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		09/26/22 10:40	79-00-5	
1,1-Dichloroethane	13.9	ug/L	5.0	1.5	5		09/26/22 10:40	75-34-3	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		09/26/22 10:40	75-35-4	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		09/26/22 10:40	107-06-2	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		09/26/22 10:40	127-18-4	
Trichloroethene	602	ug/L	5.0	1.6	5		09/26/22 10:40	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		09/26/22 10:40	75-01-4	
cis-1,2-Dichloroethene	26.0	ug/L	5.0	2.4	5		09/26/22 10:40	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		09/26/22 10:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		5		09/26/22 10:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		5		09/26/22 10:40	2199-69-1	
Toluene-d8 (S)	99	%	70-130		5		09/26/22 10:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-11 **Lab ID: 40251913011** Collected: 09/20/22 12:38 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	7.3	ug/L	1.0	0.30	1		09/23/22 15:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 15:55	79-00-5	
1,1-Dichloroethane	5.7	ug/L	1.0	0.30	1		09/23/22 15:55	75-34-3	
1,1-Dichloroethene	2.3	ug/L	1.0	0.58	1		09/23/22 15:55	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 15:55	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 15:55	127-18-4	
Trichloroethene	258	ug/L	1.0	0.32	1		09/23/22 15:55	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 15:55	75-01-4	
cis-1,2-Dichloroethene	11.6	ug/L	1.0	0.47	1		09/23/22 15:55	156-59-2	
trans-1,2-Dichloroethene	0.56J	ug/L	1.0	0.53	1		09/23/22 15:55	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/23/22 15:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/23/22 15:55	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/23/22 15:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-24D **Lab ID: 40251913012** Collected: 09/20/22 13:03 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 13:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 13:37	79-00-5	
1,1-Dichloroethane	2.1	ug/L	1.0	0.30	1		09/23/22 13:37	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 13:37	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 13:37	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 13:37	127-18-4	
Trichloroethene	2.7	ug/L	1.0	0.32	1		09/23/22 13:37	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 13:37	75-01-4	
cis-1,2-Dichloroethene	15.6	ug/L	1.0	0.47	1		09/23/22 13:37	156-59-2	
trans-1,2-Dichloroethene	0.71J	ug/L	1.0	0.53	1		09/23/22 13:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/23/22 13:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		09/23/22 13:37	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		09/23/22 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-24 **Lab ID: 40251913013** Collected: 09/20/22 13:27 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	12.1	ug/L	1.0	0.30	1		09/23/22 14:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 14:37	79-00-5	
1,1-Dichloroethane	5.6	ug/L	1.0	0.30	1		09/23/22 14:37	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 14:37	75-35-4	
1,2-Dichloroethane	1.3	ug/L	1.0	0.29	1		09/23/22 14:37	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 14:37	127-18-4	
Trichloroethene	65.1	ug/L	1.0	0.32	1		09/23/22 14:37	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 14:37	75-01-4	
cis-1,2-Dichloroethene	25.7	ug/L	1.0	0.47	1		09/23/22 14:37	156-59-2	
trans-1,2-Dichloroethene	4.4	ug/L	1.0	0.53	1		09/23/22 14:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/23/22 14:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/23/22 14:37	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/23/22 14:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-30 **Lab ID: 40251913014** Collected: 09/20/22 13:56 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	46.3	ug/L	10.0	3.0	10		09/26/22 10:20	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		09/26/22 10:20	79-00-5	
1,1-Dichloroethane	26.1	ug/L	10.0	3.0	10		09/26/22 10:20	75-34-3	
1,1-Dichloroethene	16.3	ug/L	10.0	5.8	10		09/26/22 10:20	75-35-4	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		09/26/22 10:20	107-06-2	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		09/26/22 10:20	127-18-4	
Trichloroethene	1420	ug/L	10.0	3.2	10		09/26/22 10:20	79-01-6	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		09/26/22 10:20	75-01-4	
cis-1,2-Dichloroethene	37.4	ug/L	10.0	4.7	10		09/26/22 10:20	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		09/26/22 10:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		10		09/26/22 10:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		10		09/26/22 10:20	2199-69-1	
Toluene-d8 (S)	98	%	70-130		10		09/26/22 10:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-23 **Lab ID: 40251913015** Collected: 09/20/22 14:25 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.45J	ug/L	1.0	0.30	1		09/23/22 14:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 14:56	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 14:56	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 14:56	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 14:56	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 14:56	127-18-4	
Trichloroethene	10.6	ug/L	1.0	0.32	1		09/23/22 14:56	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 14:56	75-01-4	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.47	1		09/23/22 14:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 14:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/23/22 14:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 14:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/23/22 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: CREEK-UPSTREAM **Lab ID: 40251913016** Collected: 09/20/22 14:50 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.48J	ug/L	1.0	0.30	1		09/23/22 11:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 11:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 11:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 11:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 11:39	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 11:39	127-18-4	
Trichloroethene	2.9	ug/L	1.0	0.32	1		09/23/22 11:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 11:39	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/23/22 11:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 11:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/23/22 11:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/23/22 11:39	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/23/22 11:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: CREEK-DOWNSTREAM **Lab ID: 40251913017** Collected: 09/20/22 15:03 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.1	ug/L	1.0	0.30	1		09/23/22 11:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 11:58	79-00-5	
1,1-Dichloroethane	0.33J	ug/L	1.0	0.30	1		09/23/22 11:58	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 11:58	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 11:58	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 11:58	127-18-4	
Trichloroethene	7.3	ug/L	1.0	0.32	1		09/23/22 11:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 11:58	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/23/22 11:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 11:58	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/23/22 11:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		09/23/22 11:58	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/23/22 11:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: HOBO SPRING **Lab ID: 40251913018** Collected: 09/20/22 15:07 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	15.1	ug/L	1.0	0.30	1		09/23/22 15:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 15:16	79-00-5	
1,1-Dichloroethane	5.9	ug/L	1.0	0.30	1		09/23/22 15:16	75-34-3	
1,1-Dichloroethene	1.2	ug/L	1.0	0.58	1		09/23/22 15:16	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 15:16	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 15:16	127-18-4	
Trichloroethene	114	ug/L	1.0	0.32	1		09/23/22 15:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 15:16	75-01-4	
cis-1,2-Dichloroethene	4.0	ug/L	1.0	0.47	1		09/23/22 15:16	156-59-2	
trans-1,2-Dichloroethene	0.63J	ug/L	1.0	0.53	1		09/23/22 15:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/23/22 15:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/23/22 15:16	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/23/22 15:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-33 **Lab ID: 40251913019** Collected: 09/21/22 11:16 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 13:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 13:56	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 13:56	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 13:56	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 13:56	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 13:56	127-18-4	
Trichloroethene	11.3	ug/L	1.0	0.32	1		09/23/22 13:56	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 13:56	75-01-4	
cis-1,2-Dichloroethene	2.6	ug/L	1.0	0.47	1		09/23/22 13:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 13:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/23/22 13:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 13:56	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/23/22 13:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-28 **Lab ID: 40251913020** Collected: 09/21/22 11:51 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 14:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/23/22 14:16	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/23/22 14:16	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/23/22 14:16	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/23/22 14:16	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/23/22 14:16	127-18-4	
Trichloroethene	0.33J	ug/L	1.0	0.32	1		09/23/22 14:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/23/22 14:16	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/23/22 14:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/23/22 14:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/23/22 14:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/23/22 14:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/23/22 14:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-43 **Lab ID: 40251913021** Collected: 09/21/22 12:25 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 08:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 08:40	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 08:40	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 08:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 08:40	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 08:40	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 08:40	79-01-6	
Vinyl chloride	0.82J	ug/L	1.0	0.17	1		09/27/22 08:40	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 08:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 08:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		09/27/22 08:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 08:40	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 08:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-34 **Lab ID: 40251913022** Collected: 09/21/22 12:51 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/26/22 13:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 13:55	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/26/22 13:55	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/26/22 13:55	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 13:55	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 13:55	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/26/22 13:55	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 13:55	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/26/22 13:55	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/26/22 13:55	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/26/22 13:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/26/22 13:55	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/26/22 13:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-42 **Lab ID: 40251913023** Collected: 09/21/22 13:19 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	75.0	ug/L	2.0	0.61	2		09/26/22 19:30	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/26/22 19:30	79-00-5	
1,1-Dichloroethane	19.7	ug/L	2.0	0.59	2		09/26/22 19:30	75-34-3	
1,1-Dichloroethene	6.7	ug/L	2.0	1.2	2		09/26/22 19:30	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/26/22 19:30	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/26/22 19:30	127-18-4	
Trichloroethene	412	ug/L	2.0	0.64	2		09/26/22 19:30	79-01-6	
Vinyl chloride	3.0	ug/L	2.0	0.35	2		09/26/22 19:30	75-01-4	
cis-1,2-Dichloroethene	8.0	ug/L	2.0	0.94	2		09/26/22 19:30	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/26/22 19:30	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2		09/26/22 19:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2		09/26/22 19:30	2199-69-1	
Toluene-d8 (S)	103	%	70-130		2		09/26/22 19:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: NMW-3R **Lab ID: 40251913024** Collected: 09/21/22 13:46 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.47J	ug/L	1.0	0.30	1		09/26/22 14:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 14:53	79-00-5	
1,1-Dichloroethane	1.7	ug/L	1.0	0.30	1		09/26/22 14:53	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/26/22 14:53	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 14:53	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 14:53	127-18-4	
Trichloroethene	7.3	ug/L	1.0	0.32	1		09/26/22 14:53	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 14:53	75-01-4	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	0.47	1		09/26/22 14:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/26/22 14:53	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/26/22 14:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/26/22 14:53	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/26/22 14:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-45 **Lab ID: 40251913025** Collected: 09/21/22 14:19 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	9.9	ug/L	1.0	0.30	1		09/26/22 15:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 15:13	79-00-5	
1,1-Dichloroethane	11.3	ug/L	1.0	0.30	1		09/26/22 15:13	75-34-3	
1,1-Dichloroethene	2.1	ug/L	1.0	0.58	1		09/26/22 15:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 15:13	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 15:13	127-18-4	
Trichloroethene	165	ug/L	1.0	0.32	1		09/26/22 15:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 15:13	75-01-4	
cis-1,2-Dichloroethene	24.7	ug/L	1.0	0.47	1		09/26/22 15:13	156-59-2	
trans-1,2-Dichloroethene	0.62J	ug/L	1.0	0.53	1		09/26/22 15:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/26/22 15:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/26/22 15:13	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/26/22 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-29 **Lab ID: 40251913026** Collected: 09/21/22 14:44 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	20.7	ug/L	1.0	0.30	1		09/26/22 15:32	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 15:32	79-00-5	
1,1-Dichloroethane	5.6	ug/L	1.0	0.30	1		09/26/22 15:32	75-34-3	
1,1-Dichloroethene	1.7	ug/L	1.0	0.58	1		09/26/22 15:32	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 15:32	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 15:32	127-18-4	
Trichloroethene	146	ug/L	1.0	0.32	1		09/26/22 15:32	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 15:32	75-01-4	
cis-1,2-Dichloroethene	4.7	ug/L	1.0	0.47	1		09/26/22 15:32	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/26/22 15:32	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/26/22 15:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/26/22 15:32	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/26/22 15:32	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: MW-29D **Lab ID: 40251913027** Collected: 09/21/22 15:14 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 09:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 09:00	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 09:00	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 09:00	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 09:00	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 09:00	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 09:00	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 09:00	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 09:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 09:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		09/27/22 09:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 09:00	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 09:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Sample: DUP-1 **Lab ID: 40251913028** Collected: 09/20/22 00:00 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	44.3	ug/L	10.0	3.0	10		09/26/22 15:52	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		09/26/22 15:52	79-00-5	
1,1-Dichloroethane	22.6	ug/L	10.0	3.0	10		09/26/22 15:52	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		09/26/22 15:52	75-35-4	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		09/26/22 15:52	107-06-2	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		09/26/22 15:52	127-18-4	
Trichloroethene	1110	ug/L	10.0	3.2	10		09/26/22 15:52	79-01-6	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		09/26/22 15:52	75-01-4	
cis-1,2-Dichloroethene	23.8	ug/L	10.0	4.7	10		09/26/22 15:52	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		09/26/22 15:52	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		10		09/26/22 15:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		09/26/22 15:52	2199-69-1	
Toluene-d8 (S)	102	%	70-130		10		09/26/22 15:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: DUP-2 **Lab ID: 40251913029** Collected: 09/21/22 00:00 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	21.9	ug/L	1.0	0.30	1		09/26/22 14:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 14:14	79-00-5	
1,1-Dichloroethane	6.0	ug/L	1.0	0.30	1		09/26/22 14:14	75-34-3	
1,1-Dichloroethene	1.9	ug/L	1.0	0.58	1		09/26/22 14:14	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 14:14	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 14:14	127-18-4	
Trichloroethene	159	ug/L	1.0	0.32	1		09/26/22 14:14	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 14:14	75-01-4	
cis-1,2-Dichloroethene	5.2	ug/L	1.0	0.47	1		09/26/22 14:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/26/22 14:14	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/26/22 14:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/26/22 14:14	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/26/22 14:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40251913

Sample: TRIP BLANK **Lab ID: 40251913030** Collected: 09/21/22 00:00 Received: 09/22/22 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/26/22 12:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/26/22 12:17	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/26/22 12:17	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/26/22 12:17	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/26/22 12:17	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/26/22 12:17	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/26/22 12:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/26/22 12:17	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/26/22 12:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/26/22 12:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/26/22 12:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		09/26/22 12:17	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/26/22 12:17	2037-26-5	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Parameter	Units	2457806		2457807		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40251913016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	0.48J	50	50	52.3	53.1	104	105	70-134	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.7	52.7	101	105	70-130	4	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.1	51.5	102	103	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	48.7	48.3	97	97	71-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	46.8	47.7	94	95	70-137	2	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.1	55.4	106	111	70-130	4	20		
Tetrachloroethene	ug/L	<0.41	50	50	52.3	49.3	105	99	70-130	6	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.7	57.1	111	114	70-130	2	20		
Trichloroethene	ug/L	2.9	50	50	56.7	56.0	108	106	70-130	1	20		
Vinyl chloride	ug/L	<0.17	50	50	37.5	38.9	75	78	60-137	4	20		
1,2-Dichlorobenzene-d4 (S)	%						98	94	70-130				
4-Bromofluorobenzene (S)	%						99	97	70-130				
Toluene-d8 (S)	%						103	100	70-130				

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.: 40251913

QC Batch:	426875	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40251913021, 40251913022, 40251913023, 40251913024, 40251913025, 40251913026, 40251913027, 40251913028, 40251913029, 40251913030

METHOD BLANK: 2459101 Matrix: Water
Associated Lab Samples: 40251913021, 40251913022, 40251913023, 40251913024, 40251913025, 40251913026, 40251913027, 40251913028, 40251913029, 40251913030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/26/22 10:01	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	09/26/22 10:01	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/26/22 10:01	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/26/22 10:01	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/26/22 10:01	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/26/22 10:01	
Tetrachloroethene	ug/L	<0.41	1.0	09/26/22 10:01	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/26/22 10:01	
Trichloroethene	ug/L	<0.32	1.0	09/26/22 10:01	
Vinyl chloride	ug/L	<0.17	1.0	09/26/22 10:01	
1,2-Dichlorobenzene-d4 (S)	%	95	70-130	09/26/22 10:01	
4-Bromofluorobenzene (S)	%	98	70-130	09/26/22 10:01	
Toluene-d8 (S)	%	102	70-130	09/26/22 10:01	

LABORATORY CONTROL SAMPLE: 2459102

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.0	104	70-134	
1,1,2-Trichloroethane	ug/L	50	49.3	99	70-130	
1,1-Dichloroethane	ug/L	50	49.8	100	70-130	
1,1-Dichloroethene	ug/L	50	46.8	94	74-131	
1,2-Dichloroethane	ug/L	50	46.6	93	70-137	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.7	109	70-130	
Trichloroethene	ug/L	50	52.8	106	70-130	
Vinyl chloride	ug/L	50	36.0	72	63-134	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459425 2459426

Parameter	Units	40251913022 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.8	54.6	106	109	70-134	3	20	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR

Pace Project No.: 40251913

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459425		2459426		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40251913022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.4	50.1	99	100	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	48.3	51.0	97	102	70-130	5	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	45.3	47.5	91	95	71-130	5	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	45.6	47.5	91	95	70-137	4	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.6	53.0	101	106	70-130	5	20		
Tetrachloroethene	ug/L	<0.41	50	50	49.2	49.4	98	99	70-130	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.0	49.1	110	98	70-130	11	20		
Trichloroethene	ug/L	<0.32	50	50	53.6	55.4	107	111	70-130	3	20		
Vinyl chloride	ug/L	<0.17	50	50	34.4	35.3	69	71	60-137	3	20		
1,2-Dichlorobenzene-d4 (S)	%						96	99	70-130				
4-Bromofluorobenzene (S)	%						98	99	70-130				
Toluene-d8 (S)	%						102	100	70-130				

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QUALIFIERS

Project: 11717 NAVISTAR

Pace Project No.: 40251913

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.: 40251913

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40251913001	MW-31	EPA 8260	426765		
40251913002	NMW-7	EPA 8260	426765		
40251913003	NMW-1	EPA 8260	426765		
40251913004	NMW-8R	EPA 8260	426765		
40251913005	MW-9D2	EPA 8260	426765		
40251913006	NMW-9	EPA 8260	426765		
40251913007	NMW-4	EPA 8260	426765		
40251913008	MW-9D	EPA 8260	426765		
40251913009	MW-15	EPA 8260	426765		
40251913010	MW-13	EPA 8260	426765		
40251913011	MW-11	EPA 8260	426765		
40251913012	MW-24D	EPA 8260	426765		
40251913013	MW-24	EPA 8260	426765		
40251913014	MW-30	EPA 8260	426765		
40251913015	MW-23	EPA 8260	426765		
40251913016	CREEK-UPSTREAM	EPA 8260	426765		
40251913017	CREEK-DOWNSTREAM	EPA 8260	426765		
40251913018	HOBO SPRING	EPA 8260	426765		
40251913019	MW-33	EPA 8260	426765		
40251913020	MW-28	EPA 8260	426765		
40251913021	MW-43	EPA 8260	426875		
40251913022	MW-34	EPA 8260	426875		
40251913023	MW-42	EPA 8260	426875		
40251913024	NMW-3R	EPA 8260	426875		
40251913025	MW-45	EPA 8260	426875		
40251913026	MW-29	EPA 8260	426875		
40251913027	MW-29D	EPA 8260	426875		
40251913028	DUP-1	EPA 8260	426875		
40251913029	DUP-2	EPA 8260	426875		
40251913030	TRIP BLANK	EPA 8260	426875		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40251913

ALL SHADED AREAS are for LAB USE ONLY

Company: **KPRG and Associates**
 Address: **14665 W. Lisbon Rd Ste 1A Brookfield, WI**
 Report To: **Rich Gnat**
 Copy To: **Mitchel Dolan**
 Customer Project Name/Number: **Navistar / 11717**
 Phone: **Richard Gnat, KPRG, Inc. Site**
 Email: **262-781-0475**
 Collected By (print): **Mitchel Dolan**
 Collected By (signature): **[Signature]**
 Sample Disposal: Dispose as appropriate Return Archive Hold

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-31 MW-31	GW	Grab	9/19/22	1321				3
NMW-7			9/19/22	1353				
NMW-1			9/19/22	1424				
NMW-8R			9/19/22	1449				
MW-9D2			9/19/22	1513				
NMW-9			9/19/22	1537				
NMW-4			9/20/22	1001				
MW-9D			9/20/22	1115				
MW-15			9/20/22	1143				
MW-13			9/20/22	1210				

Container Preservative Type **										Lab Project Manager:
3										
Analyses										Lab Profile/Line:
										Lab Sample Receipt Checklist:
										Custody Seals Present/Intact Y N NA
										Custody Signatures Present Y N NA
										Collector Signature Present Y N NA
										Bottles Intact Y N NA
										Correct Bottles Y N NA
										Sufficient Volume Y N NA
										Samples Received on Ice Y N NA
										VOA - Headspace Acceptable Y N NA
										USDA Regulated Soils Y N NA
										Samples in Holding Time Y N NA
										Residual Chlorine Present Y N NA
										Cl Strips: _____
										Sample pH Acceptable Y N NA
										pH Strips: _____
										Sulfide Present Y N NA
										Lead Acetate Strips: _____
										LAB USE ONLY:
										Lab Sample # / Comments:

CUSTODY

Customer Remarks / Special Conditions / Possible Hazards: _____
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: _____
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2825300**
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: **9**
 Cooler 1 Temp Upon Receipt: **7.0** °C
 Cooler 1 Therm Corr. Factor: **0.5** °C
 Cooler 1 Corrected Temp: **1.5** °C
 Comments:

Relinquished by/Company: (Signature) Kathryn Anule/KPRG	Date/Time: 9/21/22/1630	Received by/Company: (Signature) CS Logistics	Date/Time: 9/21/22/1630
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 9/22/22 0810	Received by/Company: (Signature) [Signature] PACE	Date/Time: 9/22/22 0810
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Temp Blank Received: Y N NA
 FCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: **Page 45 of 50**
 of: **3**

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: KPR26

WO#: **40251913**

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 - 9 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 10.5 Corr: 1.5

Temp Blank Present: Yes no Biological Tissue is Frozen: Yes no

Person examining contents:
 Date: 7/27/20 Initials: CB
 Labeled By Initials: ARJ

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:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & 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.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<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:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>WT</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased) <u>486</u>		

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 log

October 03, 2022

Mitchel Dolan
KPRG AND ASSOCIATES, INC.
14665 W. Lisbon Rd.
Suite 1A
Brookfield, WI 53005

RE: Project: 11717 NAVISTAR
Pace Project No.: 40252078

Dear Mitchel Dolan:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2022. 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@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Josh Davenport, KPRG and Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

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

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SAMPLE SUMMARY

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40252078001	MW-36	Water	09/22/22 09:00	09/24/22 09:00
40252078002	MW-36D	Water	09/22/22 09:34	09/24/22 09:00
40252078003	MW-55	Water	09/22/22 10:02	09/24/22 09:00
40252078004	MW-38	Water	09/22/22 10:28	09/24/22 09:00
40252078005	MW-37	Water	09/22/22 10:53	09/24/22 09:00
40252078006	MW-26	Water	09/22/22 11:19	09/24/22 09:00
40252078007	MW-25R	Water	09/22/22 11:49	09/24/22 09:00
40252078008	MW-44	Water	09/22/22 12:22	09/24/22 09:00
40252078009	MW-54	Water	09/22/22 12:54	09/24/22 09:00
40252078010	MW-53	Water	09/22/22 13:19	09/24/22 09:00
40252078011	MW-27	Water	09/22/22 13:44	09/24/22 09:00
40252078012	MW-39	Water	09/22/22 14:10	09/24/22 09:00
40252078013	MW-46	Water	09/22/22 14:41	09/24/22 09:00
40252078014	MW-47	Water	09/22/22 15:06	09/24/22 09:00
40252078015	MW-56	Water	09/23/22 09:48	09/24/22 09:00
40252078016	MW-56D	Water	09/23/22 10:10	09/24/22 09:00
40252078017	MW-35	Water	09/23/22 10:38	09/24/22 09:00
40252078018	MW-40	Water	09/23/22 11:02	09/24/22 09:00
40252078019	MW-48	Water	09/23/22 12:07	09/24/22 09:00
40252078020	MW-41	Water	09/23/22 11:39	09/24/22 09:00
40252078021	MW-49	Water	09/23/22 12:52	09/24/22 09:00
40252078022	MW-50	Water	09/23/22 13:23	09/24/22 09:00
40252078023	MW-51	Water	09/23/22 14:22	09/24/22 09:00
40252078024	MW-52	Water	09/23/22 13:54	09/24/22 09:00
40252078025	DUP-3	Water	09/22/22 00:00	09/24/22 09:00
40252078026	TRIP BLANK	Water	09/22/22 00:00	09/24/22 09:00

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40252078001	MW-36	EPA 8260	EIB	13	PASI-G
40252078002	MW-36D	EPA 8260	EIB	13	PASI-G
40252078003	MW-55	EPA 8260	EIB	13	PASI-G
40252078004	MW-38	EPA 8260	EIB	13	PASI-G
40252078005	MW-37	EPA 8260	EIB	13	PASI-G
40252078006	MW-26	EPA 8260	EIB	13	PASI-G
40252078007	MW-25R	EPA 8260	EIB	13	PASI-G
40252078008	MW-44	EPA 8260	EIB	13	PASI-G
40252078009	MW-54	EPA 8260	EIB	18	PASI-G
40252078010	MW-53	EPA 8260	EIB	13	PASI-G
40252078011	MW-27	EPA 8260	EIB	13	PASI-G
40252078012	MW-39	EPA 8260	EIB	13	PASI-G
40252078013	MW-46	EPA 8260	EIB	13	PASI-G
40252078014	MW-47	EPA 8260	EIB	13	PASI-G
40252078015	MW-56	EPA 8260	EIB	13	PASI-G
40252078016	MW-56D	EPA 8260	EIB	13	PASI-G
40252078017	MW-35	EPA 8260	EIB	13	PASI-G
40252078018	MW-40	EPA 8260	EIB	13	PASI-G
40252078019	MW-48	EPA 8260	EIB	13	PASI-G
40252078020	MW-41	EPA 8260	EIB	13	PASI-G
40252078021	MW-49	EPA 8260	EIB	13	PASI-G
40252078022	MW-50	EPA 8260	EIB	13	PASI-G
40252078023	MW-51	EPA 8260	EIB	13	PASI-G
40252078024	MW-52	EPA 8260	EIB	13	PASI-G
40252078025	DUP-3	EPA 8260	EIB	13	PASI-G
40252078026	TRIP BLANK	EPA 8260	EIB	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40252078001	MW-36					
EPA 8260	1,1,1-Trichloroethane	20.4	ug/L	1.0	09/27/22 12:00	
EPA 8260	1,1-Dichloroethane	6.3	ug/L	1.0	09/27/22 12:00	
EPA 8260	1,1-Dichloroethene	1.4	ug/L	1.0	09/27/22 12:00	
EPA 8260	Trichloroethene	147	ug/L	1.0	09/27/22 12:00	
EPA 8260	cis-1,2-Dichloroethene	7.4	ug/L	1.0	09/27/22 12:00	
EPA 8260	trans-1,2-Dichloroethene	0.76J	ug/L	1.0	09/27/22 12:00	
40252078003	MW-55					
EPA 8260	Trichloroethene	1.0	ug/L	1.0	09/28/22 08:51	
EPA 8260	Vinyl chloride	0.28J	ug/L	1.0	09/28/22 08:51	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	09/28/22 08:51	
40252078004	MW-38					
EPA 8260	Trichloroethene	0.56J	ug/L	1.0	09/27/22 14:56	
40252078005	MW-37					
EPA 8260	1,1,1-Trichloroethane	23.4	ug/L	2.0	09/27/22 18:16	
EPA 8260	1,1-Dichloroethane	9.4	ug/L	2.0	09/27/22 18:16	
EPA 8260	Trichloroethene	156	ug/L	2.0	09/27/22 18:16	
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	2.0	09/27/22 18:16	
40252078006	MW-26					
EPA 8260	1,1,1-Trichloroethane	1.3	ug/L	1.0	09/27/22 16:59	
EPA 8260	1,1-Dichloroethane	1.6	ug/L	1.0	09/27/22 16:59	
EPA 8260	Trichloroethene	48.7	ug/L	1.0	09/27/22 16:59	
EPA 8260	Vinyl chloride	0.30J	ug/L	1.0	09/27/22 16:59	
EPA 8260	cis-1,2-Dichloroethene	5.7	ug/L	1.0	09/27/22 16:59	
EPA 8260	trans-1,2-Dichloroethene	0.70J	ug/L	1.0	09/27/22 16:59	
40252078008	MW-44					
EPA 8260	Trichloroethene	2.5	ug/L	1.0	09/27/22 12:59	
40252078012	MW-39					
EPA 8260	1,1,1-Trichloroethane	3.3	ug/L	2.0	09/27/22 18:36	
EPA 8260	1,1-Dichloroethane	2.8	ug/L	2.0	09/27/22 18:36	
EPA 8260	Trichloroethene	135	ug/L	2.0	09/27/22 18:36	
EPA 8260	cis-1,2-Dichloroethene	8.8	ug/L	2.0	09/27/22 18:36	
40252078015	MW-56					
EPA 8260	1,1,1-Trichloroethane	2.3	ug/L	2.0	09/27/22 17:57	
EPA 8260	1,1-Dichloroethane	1.2J	ug/L	2.0	09/27/22 17:57	
EPA 8260	Trichloroethene	90.0	ug/L	2.0	09/27/22 17:57	
EPA 8260	cis-1,2-Dichloroethene	4.9	ug/L	2.0	09/27/22 17:57	
40252078016	MW-56D					
EPA 8260	1,1-Dichloroethane	2.4	ug/L	1.0	09/27/22 14:17	
EPA 8260	1,1-Dichloroethene	0.89J	ug/L	1.0	09/27/22 14:17	
EPA 8260	Trichloroethene	13.2	ug/L	1.0	09/27/22 14:17	
EPA 8260	cis-1,2-Dichloroethene	18.6	ug/L	1.0	09/27/22 14:17	
EPA 8260	trans-1,2-Dichloroethene	1.4	ug/L	1.0	09/27/22 14:17	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40252078017	MW-35					
EPA 8260	1,1,1-Trichloroethane	43.5	ug/L	2.5	09/27/22 17:18	
EPA 8260	1,1-Dichloroethane	17.8	ug/L	2.5	09/27/22 17:18	
EPA 8260	1,1-Dichloroethene	5.3	ug/L	2.5	09/27/22 17:18	
EPA 8260	Trichloroethene	329	ug/L	2.5	09/27/22 17:18	
EPA 8260	cis-1,2-Dichloroethene	10.9	ug/L	2.5	09/27/22 17:18	
40252078018	MW-40					
EPA 8260	1,1,1-Trichloroethane	33.0	ug/L	2.0	09/27/22 17:38	
EPA 8260	1,1-Dichloroethane	10.6	ug/L	2.0	09/27/22 17:38	
EPA 8260	1,1-Dichloroethene	3.5	ug/L	2.0	09/27/22 17:38	
EPA 8260	Trichloroethene	182	ug/L	2.0	09/27/22 17:38	
EPA 8260	cis-1,2-Dichloroethene	6.0	ug/L	2.0	09/27/22 17:38	
40252078019	MW-48					
EPA 8260	Trichloroethene	0.68J	ug/L	1.0	09/27/22 13:57	
40252078020	MW-41					
EPA 8260	1,1,1-Trichloroethane	24.5	ug/L	2.0	09/29/22 15:59	
EPA 8260	1,1-Dichloroethane	8.8	ug/L	2.0	09/29/22 15:59	
EPA 8260	1,1-Dichloroethene	2.7	ug/L	2.0	09/29/22 15:59	
EPA 8260	Tetrachloroethene	0.85J	ug/L	2.0	09/29/22 15:59	
EPA 8260	Trichloroethene	149	ug/L	2.0	09/29/22 15:59	
EPA 8260	cis-1,2-Dichloroethene	4.0	ug/L	2.0	09/29/22 15:59	
40252078021	MW-49					
EPA 8260	1,1,1-Trichloroethane	42.5	ug/L	1.0	09/27/22 22:54	
EPA 8260	1,1-Dichloroethane	10.8	ug/L	1.0	09/27/22 22:54	
EPA 8260	1,1-Dichloroethene	3.9	ug/L	1.0	09/27/22 22:54	
EPA 8260	Trichloroethene	216	ug/L	1.0	09/27/22 22:54	
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	09/27/22 22:54	
40252078022	MW-50					
EPA 8260	Trichloroethene	5.3	ug/L	1.0	09/28/22 11:23	
40252078024	MW-52					
EPA 8260	1,1,1-Trichloroethane	0.40J	ug/L	1.0	09/27/22 20:50	
EPA 8260	Trichloroethene	4.6	ug/L	1.0	09/27/22 20:50	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-36 **Lab ID: 40252078001** Collected: 09/22/22 09:00 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	20.4	ug/L	1.0	0.30	1		09/27/22 12:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 12:00	79-00-5	
1,1-Dichloroethane	6.3	ug/L	1.0	0.30	1		09/27/22 12:00	75-34-3	
1,1-Dichloroethene	1.4	ug/L	1.0	0.58	1		09/27/22 12:00	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 12:00	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 12:00	127-18-4	
Trichloroethene	147	ug/L	1.0	0.32	1		09/27/22 12:00	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 12:00	75-01-4	
cis-1,2-Dichloroethene	7.4	ug/L	1.0	0.47	1		09/27/22 12:00	156-59-2	
trans-1,2-Dichloroethene	0.76J	ug/L	1.0	0.53	1		09/27/22 12:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/27/22 12:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		09/27/22 12:00	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 12:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-36D **Lab ID: 40252078002** Collected: 09/22/22 09:34 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 14:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 14:36	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 14:36	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 14:36	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 14:36	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 14:36	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 14:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 14:36	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 14:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 14:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/27/22 14:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		09/27/22 14:36	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		09/27/22 14:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-55 **Lab ID: 40252078003** Collected: 09/22/22 10:02 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 08:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/22 08:51	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 08:51	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/22 08:51	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/22 08:51	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/22 08:51	127-18-4	
Trichloroethene	1.0	ug/L	1.0	0.32	1		09/28/22 08:51	79-01-6	
Vinyl chloride	0.28J	ug/L	1.0	0.17	1		09/28/22 08:51	75-01-4	
cis-1,2-Dichloroethene	2.6	ug/L	1.0	0.47	1		09/28/22 08:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/22 08:51	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		09/28/22 08:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/28/22 08:51	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		09/28/22 08:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Sample: MW-38 **Lab ID: 40252078004** Collected: 09/22/22 10:28 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 14:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 14:56	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 14:56	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 14:56	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 14:56	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 14:56	127-18-4	
Trichloroethene	0.56J	ug/L	1.0	0.32	1		09/27/22 14:56	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 14:56	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 14:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 14:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/27/22 14:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/27/22 14:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-37 **Lab ID: 40252078005** Collected: 09/22/22 10:53 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	23.4	ug/L	2.0	0.61	2		09/27/22 18:16	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/27/22 18:16	79-00-5	
1,1-Dichloroethane	9.4	ug/L	2.0	0.59	2		09/27/22 18:16	75-34-3	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		09/27/22 18:16	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/27/22 18:16	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/27/22 18:16	127-18-4	
Trichloroethene	156	ug/L	2.0	0.64	2		09/27/22 18:16	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/27/22 18:16	75-01-4	
cis-1,2-Dichloroethene	3.7	ug/L	2.0	0.94	2		09/27/22 18:16	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/27/22 18:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		2		09/27/22 18:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2		09/27/22 18:16	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2		09/27/22 18:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-26 **Lab ID: 40252078006** Collected: 09/22/22 11:19 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.3	ug/L	1.0	0.30	1		09/27/22 16:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 16:59	79-00-5	
1,1-Dichloroethane	1.6	ug/L	1.0	0.30	1		09/27/22 16:59	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 16:59	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 16:59	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 16:59	127-18-4	
Trichloroethene	48.7	ug/L	1.0	0.32	1		09/27/22 16:59	79-01-6	
Vinyl chloride	0.30J	ug/L	1.0	0.17	1		09/27/22 16:59	75-01-4	
cis-1,2-Dichloroethene	5.7	ug/L	1.0	0.47	1		09/27/22 16:59	156-59-2	
trans-1,2-Dichloroethene	0.70J	ug/L	1.0	0.53	1		09/27/22 16:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/27/22 16:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	94	%	70-130		1		09/27/22 16:59	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/27/22 16:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-25R **Lab ID: 40252078007** Collected: 09/22/22 11:49 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 12:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 12:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 12:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 12:39	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 12:39	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 12:39	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 12:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 12:39	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 12:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 12:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/27/22 12:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/27/22 12:39	2199-69-1	
Toluene-d8 (S)	109	%	70-130		1		09/27/22 12:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-44 **Lab ID: 40252078008** Collected: 09/22/22 12:22 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 12:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 12:59	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 12:59	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 12:59	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 12:59	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 12:59	127-18-4	
Trichloroethene	2.5	ug/L	1.0	0.32	1		09/27/22 12:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 12:59	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 12:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 12:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/27/22 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		09/27/22 12:59	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 12:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-54 **Lab ID: 40252078009** Collected: 09/22/22 12:54 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 11:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 11:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 11:01	107-06-2	
Benzene	<0.30	ug/L	1.0	0.30	1		09/27/22 11:01	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/27/22 11:01	100-41-4	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 11:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/27/22 11:01	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 11:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 11:01	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 11:01	156-59-2	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		09/27/22 11:01	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		09/27/22 11:01	95-47-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 11:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/27/22 11:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 11:01	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/27/22 11:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-53 **Lab ID: 40252078010** Collected: 09/22/22 13:19 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 13:18	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:18	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 13:18	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 13:18	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 13:18	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 13:18	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 13:18	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 13:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 13:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/27/22 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 13:18	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 13:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-27 **Lab ID: 40252078011** Collected: 09/22/22 13:44 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:38	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 13:38	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:38	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 13:38	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 13:38	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 13:38	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 13:38	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 13:38	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 13:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 13:38	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/27/22 13:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/27/22 13:38	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 13:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-39 **Lab ID: 40252078012** Collected: 09/22/22 14:10 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	3.3	ug/L	2.0	0.61	2		09/27/22 18:36	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/27/22 18:36	79-00-5	
1,1-Dichloroethane	2.8	ug/L	2.0	0.59	2		09/27/22 18:36	75-34-3	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		09/27/22 18:36	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/27/22 18:36	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/27/22 18:36	127-18-4	
Trichloroethene	135	ug/L	2.0	0.64	2		09/27/22 18:36	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/27/22 18:36	75-01-4	
cis-1,2-Dichloroethene	8.8	ug/L	2.0	0.94	2		09/27/22 18:36	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/27/22 18:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		2		09/27/22 18:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2		09/27/22 18:36	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		09/27/22 18:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-46 **Lab ID: 40252078013** Collected: 09/22/22 14:41 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 11:20	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:20	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 11:20	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 11:20	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 11:20	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 11:20	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 11:20	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 11:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 11:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		09/27/22 11:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 11:20	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/27/22 11:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Sample: MW-47 **Lab ID: 40252078014** Collected: 09/22/22 15:06 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 11:40	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 11:40	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 11:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 11:40	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 11:40	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/27/22 11:40	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 11:40	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 11:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 11:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/27/22 11:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		09/27/22 11:40	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/27/22 11:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Sample: MW-56 **Lab ID: 40252078015** Collected: 09/23/22 09:48 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.3	ug/L	2.0	0.61	2		09/27/22 17:57	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/27/22 17:57	79-00-5	
1,1-Dichloroethane	1.2J	ug/L	2.0	0.59	2		09/27/22 17:57	75-34-3	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		09/27/22 17:57	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/27/22 17:57	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/27/22 17:57	127-18-4	
Trichloroethene	90.0	ug/L	2.0	0.64	2		09/27/22 17:57	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/27/22 17:57	75-01-4	
cis-1,2-Dichloroethene	4.9	ug/L	2.0	0.94	2		09/27/22 17:57	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/27/22 17:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		2		09/27/22 17:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		2		09/27/22 17:57	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		09/27/22 17:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-56D **Lab ID: 40252078016** Collected: 09/23/22 10:10 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 14:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 14:17	79-00-5	
1,1-Dichloroethane	2.4	ug/L	1.0	0.30	1		09/27/22 14:17	75-34-3	
1,1-Dichloroethene	0.89J	ug/L	1.0	0.58	1		09/27/22 14:17	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 14:17	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 14:17	127-18-4	
Trichloroethene	13.2	ug/L	1.0	0.32	1		09/27/22 14:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 14:17	75-01-4	
cis-1,2-Dichloroethene	18.6	ug/L	1.0	0.47	1		09/27/22 14:17	156-59-2	
trans-1,2-Dichloroethene	1.4	ug/L	1.0	0.53	1		09/27/22 14:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/27/22 14:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		09/27/22 14:17	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/27/22 14:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-35 **Lab ID: 40252078017** Collected: 09/23/22 10:38 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	43.5	ug/L	2.5	0.76	2.5		09/27/22 17:18	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	12.5	0.86	2.5		09/27/22 17:18	79-00-5	
1,1-Dichloroethane	17.8	ug/L	2.5	0.74	2.5		09/27/22 17:18	75-34-3	
1,1-Dichloroethene	5.3	ug/L	2.5	1.5	2.5		09/27/22 17:18	75-35-4	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		09/27/22 17:18	107-06-2	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		09/27/22 17:18	127-18-4	
Trichloroethene	329	ug/L	2.5	0.80	2.5		09/27/22 17:18	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		09/27/22 17:18	75-01-4	
cis-1,2-Dichloroethene	10.9	ug/L	2.5	1.2	2.5		09/27/22 17:18	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		09/27/22 17:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		2.5		09/27/22 17:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2.5		09/27/22 17:18	2199-69-1	
Toluene-d8 (S)	103	%	70-130		2.5		09/27/22 17:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-40 **Lab ID: 40252078018** Collected: 09/23/22 11:02 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	33.0	ug/L	2.0	0.61	2		09/27/22 17:38	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/27/22 17:38	79-00-5	
1,1-Dichloroethane	10.6	ug/L	2.0	0.59	2		09/27/22 17:38	75-34-3	
1,1-Dichloroethene	3.5	ug/L	2.0	1.2	2		09/27/22 17:38	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/27/22 17:38	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		09/27/22 17:38	127-18-4	
Trichloroethene	182	ug/L	2.0	0.64	2		09/27/22 17:38	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/27/22 17:38	75-01-4	
cis-1,2-Dichloroethene	6.0	ug/L	2.0	0.94	2		09/27/22 17:38	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/27/22 17:38	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		2		09/27/22 17:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		2		09/27/22 17:38	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		09/27/22 17:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Sample: MW-48 **Lab ID: 40252078019** Collected: 09/23/22 12:07 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 13:57	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 13:57	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 13:57	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 13:57	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 13:57	127-18-4	
Trichloroethene	0.68J	ug/L	1.0	0.32	1		09/27/22 13:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 13:57	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 13:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 13:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/27/22 13:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/27/22 13:57	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/27/22 13:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-41 **Lab ID: 40252078020** Collected: 09/23/22 11:39 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	24.5	ug/L	2.0	0.61	2		09/29/22 15:59	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		09/29/22 15:59	79-00-5	
1,1-Dichloroethane	8.8	ug/L	2.0	0.59	2		09/29/22 15:59	75-34-3	
1,1-Dichloroethene	2.7	ug/L	2.0	1.2	2		09/29/22 15:59	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		09/29/22 15:59	107-06-2	
Tetrachloroethene	0.85J	ug/L	2.0	0.82	2		09/29/22 15:59	127-18-4	
Trichloroethene	149	ug/L	2.0	0.64	2		09/29/22 15:59	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		09/29/22 15:59	75-01-4	
cis-1,2-Dichloroethene	4.0	ug/L	2.0	0.94	2		09/29/22 15:59	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		09/29/22 15:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		2		09/29/22 15:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		2		09/29/22 15:59	2199-69-1	
Toluene-d8 (S)	95	%	70-130		2		09/29/22 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-49 **Lab ID: 40252078021** Collected: 09/23/22 12:52 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	42.5	ug/L	1.0	0.30	1		09/27/22 22:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 22:54	79-00-5	
1,1-Dichloroethane	10.8	ug/L	1.0	0.30	1		09/27/22 22:54	75-34-3	
1,1-Dichloroethene	3.9	ug/L	1.0	0.58	1		09/27/22 22:54	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 22:54	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 22:54	127-18-4	
Trichloroethene	216	ug/L	1.0	0.32	1		09/27/22 22:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 22:54	75-01-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.47	1		09/27/22 22:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 22:54	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		09/27/22 22:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/27/22 22:54	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/27/22 22:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-50 **Lab ID: 40252078022** Collected: 09/23/22 13:23 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 11:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/22 11:23	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 11:23	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/22 11:23	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/22 11:23	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/22 11:23	127-18-4	
Trichloroethene	5.3	ug/L	1.0	0.32	1		09/28/22 11:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/22 11:23	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/22 11:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/22 11:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		09/28/22 11:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/28/22 11:23	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		09/28/22 11:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-51 **Lab ID: 40252078023** Collected: 09/23/22 14:22 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/22 10:42	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:42	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/22 10:42	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/22 10:42	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/22 10:42	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/28/22 10:42	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/22 10:42	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/22 10:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/22 10:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		09/28/22 10:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/28/22 10:42	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		09/28/22 10:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: MW-52 **Lab ID: 40252078024** Collected: 09/23/22 13:54 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	0.40J	ug/L	1.0	0.30	1		09/27/22 20:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/27/22 20:50	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/27/22 20:50	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/27/22 20:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/27/22 20:50	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/27/22 20:50	127-18-4	
Trichloroethene	4.6	ug/L	1.0	0.32	1		09/27/22 20:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/27/22 20:50	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/27/22 20:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/27/22 20:50	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		09/27/22 20:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		09/27/22 20:50	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/27/22 20:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Sample: DUP-3 **Lab ID: 40252078025** Collected: 09/22/22 00:00 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/22 10:22	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:22	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/22 10:22	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/22 10:22	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/22 10:22	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/28/22 10:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/22 10:22	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/22 10:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/22 10:22	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		09/28/22 10:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		09/28/22 10:22	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		09/28/22 10:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40252078

Sample: TRIP BLANK **Lab ID: 40252078026** Collected: 09/22/22 00:00 Received: 09/24/22 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		09/28/22 10:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		09/28/22 10:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		09/28/22 10:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		09/28/22 10:01	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/28/22 10:01	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/28/22 10:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/28/22 10:01	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/28/22 10:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/28/22 10:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/28/22 10:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/28/22 10:01	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		09/28/22 10:01	2037-26-5	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40252078

QC Batch:	427002	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40252078001, 40252078002, 40252078003, 40252078004, 40252078005, 40252078006, 40252078007, 40252078008, 40252078009, 40252078010, 40252078011, 40252078012, 40252078013, 40252078014, 40252078015, 40252078016, 40252078017, 40252078018, 40252078019

METHOD BLANK: 2459585 Matrix: Water
Associated Lab Samples: 40252078001, 40252078002, 40252078003, 40252078004, 40252078005, 40252078006, 40252078007, 40252078008, 40252078009, 40252078010, 40252078011, 40252078012, 40252078013, 40252078014, 40252078015, 40252078016, 40252078017, 40252078018, 40252078019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/27/22 07:50	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	09/27/22 07:50	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/27/22 07:50	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/27/22 07:50	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/27/22 07:50	
Benzene	ug/L	<0.30	1.0	09/27/22 07:50	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/27/22 07:50	
Ethylbenzene	ug/L	<0.33	1.0	09/27/22 07:50	
m&p-Xylene	ug/L	<0.70	2.0	09/27/22 07:50	
o-Xylene	ug/L	<0.35	1.0	09/27/22 07:50	
Tetrachloroethane	ug/L	<0.41	1.0	09/27/22 07:50	
Toluene	ug/L	<0.29	1.0	09/27/22 07:50	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/27/22 07:50	
Trichloroethene	ug/L	<0.32	1.0	09/27/22 07:50	
Vinyl chloride	ug/L	<0.17	1.0	09/27/22 07:50	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	09/27/22 07:50	
4-Bromofluorobenzene (S)	%	101	70-130	09/27/22 07:50	
Toluene-d8 (S)	%	104	70-130	09/27/22 07:50	

LABORATORY CONTROL SAMPLE: 2459586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.4	113	70-134	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethene	ug/L	50	56.7	113	74-131	
1,2-Dichloroethane	ug/L	50	51.0	102	70-137	
Benzene	ug/L	50	53.4	107	70-130	
cis-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
Ethylbenzene	ug/L	50	51.9	104	80-120	
m&p-Xylene	ug/L	100	99.7	100	70-130	
o-Xylene	ug/L	50	50.3	101	70-130	
Tetrachloroethane	ug/L	50	51.1	102	70-130	
Toluene	ug/L	50	51.3	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	60.7	121	70-130	

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.

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR

Pace Project No.: 40252078

LABORATORY CONTROL SAMPLE: 2459586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	57.6	115	70-130	
Vinyl chloride	ug/L	50	61.6	123	63-134	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2461196 2461197

Parameter	Units	40252078009		2461196		2461197		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
1,1,1-Trichloroethane	ug/L	<0.30	50	50	55.2	55.5	110	111	70-134	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.4	53.1	107	106	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.7	55.3	109	111	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.3	55.0	109	110	71-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	49.1	51.4	98	103	70-137	5	20		
Benzene	ug/L	<0.30	50	50	53.4	54.2	107	108	70-130	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.2	55.0	106	110	70-130	3	20		
Ethylbenzene	ug/L	<0.33	50	50	52.2	53.1	104	106	80-121	2	20		
m&p-Xylene	ug/L	<0.70	100	100	102	100	102	100	70-130	2	20		
o-Xylene	ug/L	<0.35	50	50	51.3	50.7	103	101	70-130	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	51.6	51.3	103	103	70-130	1	20		
Toluene	ug/L	<0.29	50	50	52.8	53.5	106	107	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	59.5	60.2	119	120	70-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	55.8	56.7	112	113	70-130	2	20		
Vinyl chloride	ug/L	<0.17	50	50	63.0	62.9	126	126	60-137	0	20		
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130				
4-Bromofluorobenzene (S)	%						101	101	70-130				
Toluene-d8 (S)	%						102	102	70-130				

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.: 40252078

QC Batch: 427003 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40252078021, 40252078022, 40252078023, 40252078024, 40252078025, 40252078026

METHOD BLANK: 2459587 Matrix: Water
Associated Lab Samples: 40252078021, 40252078022, 40252078023, 40252078024, 40252078025, 40252078026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/27/22 15:40	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	09/27/22 15:40	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/27/22 15:40	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/27/22 15:40	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/27/22 15:40	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/27/22 15:40	
Tetrachloroethene	ug/L	<0.41	1.0	09/27/22 15:40	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/27/22 15:40	
Trichloroethene	ug/L	<0.32	1.0	09/27/22 15:40	
Vinyl chloride	ug/L	<0.17	1.0	09/27/22 15:40	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	09/27/22 15:40	
4-Bromofluorobenzene (S)	%	111	70-130	09/27/22 15:40	
Toluene-d8 (S)	%	99	70-130	09/27/22 15:40	

LABORATORY CONTROL SAMPLE: 2459588

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.1	104	70-134	
1,1,2-Trichloroethane	ug/L	50	44.2	88	70-130	
1,1-Dichloroethane	ug/L	50	49.9	100	70-130	
1,1-Dichloroethene	ug/L	50	50.1	100	74-131	
1,2-Dichloroethane	ug/L	50	48.3	97	70-137	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
Tetrachloroethene	ug/L	50	52.2	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
Trichloroethene	ug/L	50	53.0	106	70-130	
Vinyl chloride	ug/L	50	57.4	115	63-134	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459935 2459936

Parameter	Units	40252078024 Result	MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			MS Spike Conc.	MSD Spike Conc.								
1,1,1-Trichloroethane	ug/L	0.40J	50	50	55.2	55.0	110	109	70-134	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	46.6	44.5	93	89	70-130	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2459935		2459936		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40252078024 Result	MS Spike Conc.	MSD Spike Conc.									
1,1-Dichloroethane	ug/L	<0.30	50	50	51.5	52.0	103	104	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	51.3	50.7	103	101	71-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	49.9	49.7	100	99	70-137	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.3	49.5	97	99	70-130	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	55.7	55.9	111	112	70-130	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.1	54.8	108	110	70-130	1	20		
Trichloroethene	ug/L	4.6	50	50	60.7	60.8	112	112	70-130	0	20		
Vinyl chloride	ug/L	<0.17	50	50	59.5	57.4	119	115	60-137	3	20		
1,2-Dichlorobenzene-d4 (S)	%						102	103	70-130				
4-Bromofluorobenzene (S)	%						111	111	70-130				
Toluene-d8 (S)	%						97	95	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40252078

QC Batch: 427100 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40252078020

METHOD BLANK: 2460041 Matrix: Water
Associated Lab Samples: 40252078020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/29/22 09:36	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	09/29/22 09:36	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/29/22 09:36	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/29/22 09:36	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/29/22 09:36	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/29/22 09:36	
Tetrachloroethene	ug/L	<0.41	1.0	09/29/22 09:36	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/29/22 09:36	
Trichloroethene	ug/L	<0.32	1.0	09/29/22 09:36	
Vinyl chloride	ug/L	<0.17	1.0	09/29/22 09:36	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	09/29/22 09:36	
4-Bromofluorobenzene (S)	%	106	70-130	09/29/22 09:36	
Toluene-d8 (S)	%	95	70-130	09/29/22 09:36	

LABORATORY CONTROL SAMPLE: 2460042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.1	110	70-134	
1,1,2-Trichloroethane	ug/L	50	43.5	87	70-130	
1,1-Dichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethene	ug/L	50	48.5	97	74-131	
1,2-Dichloroethane	ug/L	50	47.9	96	70-137	
cis-1,2-Dichloroethene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	57.7	115	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.3	107	70-130	
Trichloroethene	ug/L	50	53.9	108	70-130	
Vinyl chloride	ug/L	50	52.2	104	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2461083 2461084

Parameter	Units	40252077005 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	54.1	54.7	108	109	70-134	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	43.5	41.6	87	83	70-130	4	20	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR

Pace Project No.: 40252078

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2461083		2461084		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40252077005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethane	ug/L	<0.30	50	50	49.9	48.6	100	97	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	46.9	46.3	94	93	71-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	45.0	45.6	90	91	70-137	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.3	47.1	95	94	70-130	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	54.2	56.2	108	112	70-130	4	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.8	52.4	106	105	70-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	53.2	54.1	106	108	70-130	2	20		
Vinyl chloride	ug/L	<0.17	50	50	51.5	49.9	103	100	60-137	3	20		
1,2-Dichlorobenzene-d4 (S)	%						100	102	70-130				
4-Bromofluorobenzene (S)	%						108	107	70-130				
Toluene-d8 (S)	%						94	94	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11717 NAVISTAR

Pace Project No.: 40252078

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.: 40252078

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40252078001	MW-36	EPA 8260	427002		
40252078002	MW-36D	EPA 8260	427002		
40252078003	MW-55	EPA 8260	427002		
40252078004	MW-38	EPA 8260	427002		
40252078005	MW-37	EPA 8260	427002		
40252078006	MW-26	EPA 8260	427002		
40252078007	MW-25R	EPA 8260	427002		
40252078008	MW-44	EPA 8260	427002		
40252078009	MW-54	EPA 8260	427002		
40252078010	MW-53	EPA 8260	427002		
40252078011	MW-27	EPA 8260	427002		
40252078012	MW-39	EPA 8260	427002		
40252078013	MW-46	EPA 8260	427002		
40252078014	MW-47	EPA 8260	427002		
40252078015	MW-56	EPA 8260	427002		
40252078016	MW-56D	EPA 8260	427002		
40252078017	MW-35	EPA 8260	427002		
40252078018	MW-40	EPA 8260	427002		
40252078019	MW-48	EPA 8260	427002		
40252078020	MW-41	EPA 8260	427100		
40252078021	MW-49	EPA 8260	427003		
40252078022	MW-50	EPA 8260	427003		
40252078023	MW-51	EPA 8260	427003		
40252078024	MW-52	EPA 8260	427003		
40252078025	DUP-3	EPA 8260	427003		
40252078026	TRIP BLANK	EPA 8260	427003		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40252078

ALL SHADED AREAS are for LAB USE ONLY

Company: **KPRG + Associates, Inc**

Billing Information: **KPRG**

Address: **14665 W. Lisbon Rd Ste 1A Brookfield, WI**

Report To: **Rich Conat**

Email To: **richard.g@kprginc.com**

Copy To: **Mitchel Dolan**

Site Collection Info/Address: **1401 Perkins Ave**

Customer Project Name/Number: **Nuvistar / 11917**

State: **WI** County/City: **Waukesha** Time Zone Collected: **[] PT [] MT [X] CT [] ET**

Phone: **262-781-0495**

Site/Facility ID #:

Compliance Monitoring? **[] Yes [] No**

Collected By (print): **Mitchel Dolan**

Purchase Order #: **Quote #:**

DW PWS ID #: **DW Location Code:**

Collected By (signature): **[Signature]**

Turnaround Date Required: **Standard**

Immediately Packed on Ice: **[X] Yes [] No**

Sample Disposal: **[X] Dispose as appropriate [] Return [] Archive: [] Hold:**

Rush: **[] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)**

Field Filtered (if applicable): **[] Yes [X] No Analysis:**

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-36	GW	Grab	9/22	0900				3
MW-36D			9/22	0934				
MW-SS			9/22	1002				
MW-38			9/22	1028				
MW-37			9/22	1053				
MW-26			9/22	1119				
MW-25R			9/22	1149				
MW-44			9/22	1222				
MW-54			9/22	1254				
MW-53			9/22	1319				

CVOCS

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: _____

Sample pH Acceptable Y N NA

pH Strips: _____

Sulfide Present Y N NA

Lead Acetate Strips: _____

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: **Wet Blue Dry None**

SHORT HOLDS PRESENT (<72 hours): **Y N N/A**

Packing Material Used:

Lab Tracking #: **2825901**

Radchem sample(s) screened (<500 cpm): **Y N NA**

Samples received via: **FEDEX UPS Client Courier Pace Courier**

Lab Sample Temperature Info:

Temp Blank Received: **Y N NA**

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ °C

Cooler 1 Therm Corr. Factor: _____ °C

Cooler 1 Corrected Temp: _____ °C

Comments:

Relinquished by/Company: (Signature) **Kaelyn Amick / KPRG**

Date/Time: **9/23/22/1530**

Received by/Company: (Signature) **CS Logistics**

Date/Time: **9/23/22/1530**

MTJL LAB USE ONLY

Relinquished by/Company: (Signature) **CS Logistics**

Date/Time: **9/24/22 0900**

Received by/Company: (Signature) **M. [Signature] / Pace**

Date/Time: **9/24/22 0900**

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: **Y N NA**
HCL MeOH TSP Other

Non Conformance(s): **YES / NO** Page: **Page 41 of 46** of: **3**

40252018

ALL SHADED AREAS are for LAB USE ONLY

Company: **KPRG + Associates, Inc**
 Address: **14665 W. Lisbon Rd Ste 1A**
 Report To: **Rich Goat**
 Copy To: **Mitchel Dolan**
 Customer Project Name/Number: **Navistar / 11717**
 Phone: **262-781-0475**
 Email: **richardg@kprginc.com**
 Collected By (print): **Mitchel Dolan**
 Collected By (signature): *[Signature]*
 Sample Disposal: Dispose as appropriate Return Archive Hold

Billing Information: **KPRG**
 Email To: **richardg@kprginc.com**
 Site Collection Info/Address: **1401 Perkins Ave**
 State: **WI** County/City: **Waukesha** Time Zone Collected: **[] PT [] MT [X] CT [] ET**
 Compliance Monitoring? Yes No
 DW PWS ID #: DW Location Code:
 Turnaround Date Required: **Standard**
 Rush: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)
 Field Filtered (if applicable): Yes No
 Analysis: _____

Container Preservative Type ** **3** Lab Project Manager: _____
 ** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses										Lab Profile/Line:	
CVDs										Lab Sample Receipt Checklist:	
										Custody Seals Present/Intact	Y N NA
										Custody Signatures Present	Y N NA
										Collector Signature Present	Y N NA
										Bottles Intact	Y N NA
										Correct Bottles	Y N NA
										Sufficient Volume	Y N NA
										Samples Received on Ice	Y N NA
										VOA - Headspace Acceptable	Y N NA
										USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA										
Residual Chlorine Present	Y N NA										
Cl Strips:	_____										
Sample pH Acceptable	Y N NA										
pH Strips:	_____										
Sulfide Present	Y N NA										
Lead Acetate Strips:	_____										
LAB USE ONLY: Lab Sample # / Comments:											

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-27	GW	Grab	9/22	1344				3
MW-39			9/22	1410				
MW-46			9/22	1441				
MW-47			9/22	1506				
MW-56			9/23	0948				
MW-56D			9/23	1010				
MW-35			9/23	1038				
MW-40			9/23	1102				
MW-48				1207				
MW-41			9/23	1139				

Customer Remarks / Special Conditions / Possible Hazards: _____
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: _____
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2825902**
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: _____
 Cooler 1 Temp Upon Receipt: _____ °C
 Cooler 1 Therm Corr. Factor: _____ °C
 Cooler 1 Corrected Temp: _____ °C
 Comments: _____

Relinquished by/Company: (Signature) *[Signature]* Date/Time: **9/23/22/1530** Received by/Company: (Signature) **CS Logistics** Date/Time: **9/23/22/1530**
 Relinquished by/Company: (Signature) **CS Logistics** Date/Time: **9/24/22 0900** Received by/Company: (Signature) *[Signature]* Date/Time: **9/24/22 0900**
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____

MTJL LAB USE ONLY
 Table #: _____
 Acctnum: _____
 Template: _____
 Prelogin: _____
 PM: _____
 PB: _____

Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO Page: **3** of **46**



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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MTJL Log-in Number Here

40252078

ALL SHADED AREAS are for LAB USE ONLY

Company: **KPRG and Associates, Inc**

Billing Information: **KPRG**

Address: **14805 W. Lisbon Rd Ste 1A Brookfield, WI**

Report To: **Rich Gnet**

Email To: **richard@kprginc.com**

Copy To: **Mitchel Dolan**

Site Collection Info/Address: **1401 Perkins Ave**

Customer Project Name/Number: **Navistar 11717**

State: **WI** County/City: **Waukesha** Time Zone Collected: **[] PT [] MT [] CT [] ET**

Phone: **262-781-0495**
Email: **richard@kprginc.com**

Site/Facility ID #:

Compliance Monitoring?
 Yes No

Collected By (print): **Mitchel Dolan**

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): **MD**

Turnaround Date Required: **Standard**

Immediately Packed on Ice:
 Yes No

Sample Disposal:
 Dispose as appropriate Return
 Archive: _____
 Hold: _____

Rush:
 Same Day Next Day
 2 Day 3 Day 4 Day 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable):
 Yes No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-49	GW	Grab	9/23	1252				3 X
MW-50			9/23	1323				1 X
MW-51			9/23	1422				1 X
MW-52			9/23	1354				1 X
DUP-3	↓	↓	9/22	-				2 X
TRIP BLANK	OT	-	-	-				1

CVOCS

Container Preservative Type **
3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None
 Packing Material Used:
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2825903**
 Samples received via:
 FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: _____
 Cooler 1 Temp Upon Receipt: _____ oC
 Cooler 1 Therm Corr. Factor: _____ oC
 Cooler 1 Corrected Temp: _____ oC
 Comments:

Relinquished by/Company: (Signature) **Kaelyn Anle/KPRG**

Date/Time: **9/23/22/1530**

Received by/Company: (Signature) **CS Logistics**

Date/Time: **9/23/22/1530**

MTJL LAB USE ONLY
Table #:

Relinquished by/Company: (Signature) **CS Logistics**

Date/Time: **9/24/22 0900**

Received by/Company: (Signature) **M. Powell/Pace**

Date/Time: **9/24/22 0900**

Acctnum:
Template:
Prelogin:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM:
PB:

Trip Blank Received: Y N NA
 HCL MeOH TSP Other


Non Conformance(s): YES / NO
 Page: **3** of 46
 of: **3**

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: KPRG

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

WO#: **40252078**

 40252078

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-122 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncon: 5.5 /Corr: 5.7

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

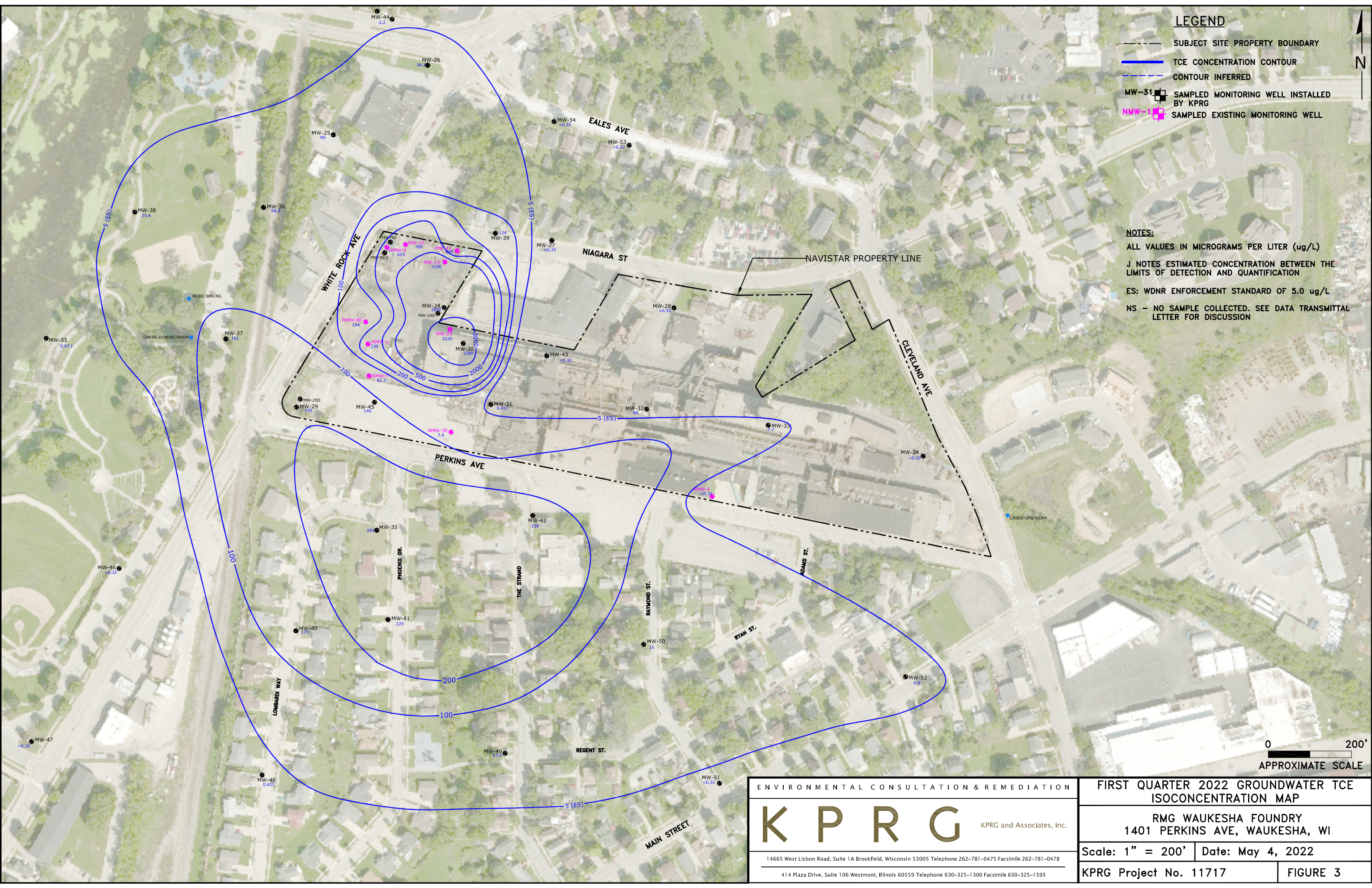
Person examining contents:
 Date: 9/24/22 /Initials: MRW
 Labeled By Initials: KJP

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & 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.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<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:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>486</u>		

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 logii

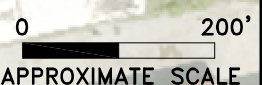
ATTACHMENT 3
March 2022 TCE Isoconcentration Map



LEGEND

- SUBJECT SITE PROPERTY BOUNDARY
- TCE CONCENTRATION CONTOUR
- - - CONTOUR INFERRED
- MW-31 [Symbol] SAMPLED MONITORING WELL INSTALLED BY KPRG
- NMW-1 [Symbol] SAMPLED EXISTING MONITORING WELL

NOTES:
 ALL VALUES IN MICROGRAMS PER LITER (ug/L)
 J NOTES ESTIMATED CONCENTRATION BETWEEN THE LIMITS OF DETECTION AND QUANTIFICATION
 ES: WDNR ENFORCEMENT STANDARD OF 5.0 ug/L
 NS - NO SAMPLE COLLECTED. SEE DATA TRANSMITTAL LETTER FOR DISCUSSION



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, inc.

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

FIRST QUARTER 2022 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
 1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' | Date: May 4, 2022

KPRG Project No. 11717 | FIGURE 3