

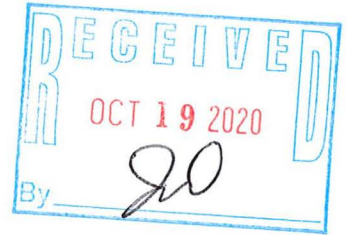
K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER - SURFACE WATER
DATA TRANSMITTAL

October 13, 2020



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 third quarterly groundwater/surface water sampling was completed in September 2020 by KPRG and Associates, Inc. (KPRG). The most recent and historic groundwater elevations are summarized in Table 1. The analytical data are summarized in Tables 2 and 3 along with all previous available data for each monitoring point. A site map showing all 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 1. It was noted in the previous data transmittal, dated July 21, 2020, that there was a possible anomaly in the TCE data for well cluster MW-29/MW-29D as the data appeared to be inadvertently inverted. The TCE data from this most recent round of sampling confirms that the sample containers were inadvertently switched between these wells. The TCE data for MW-29/MW-29D from this round of sampling is consistent with the previous historical concentrations at each well location.

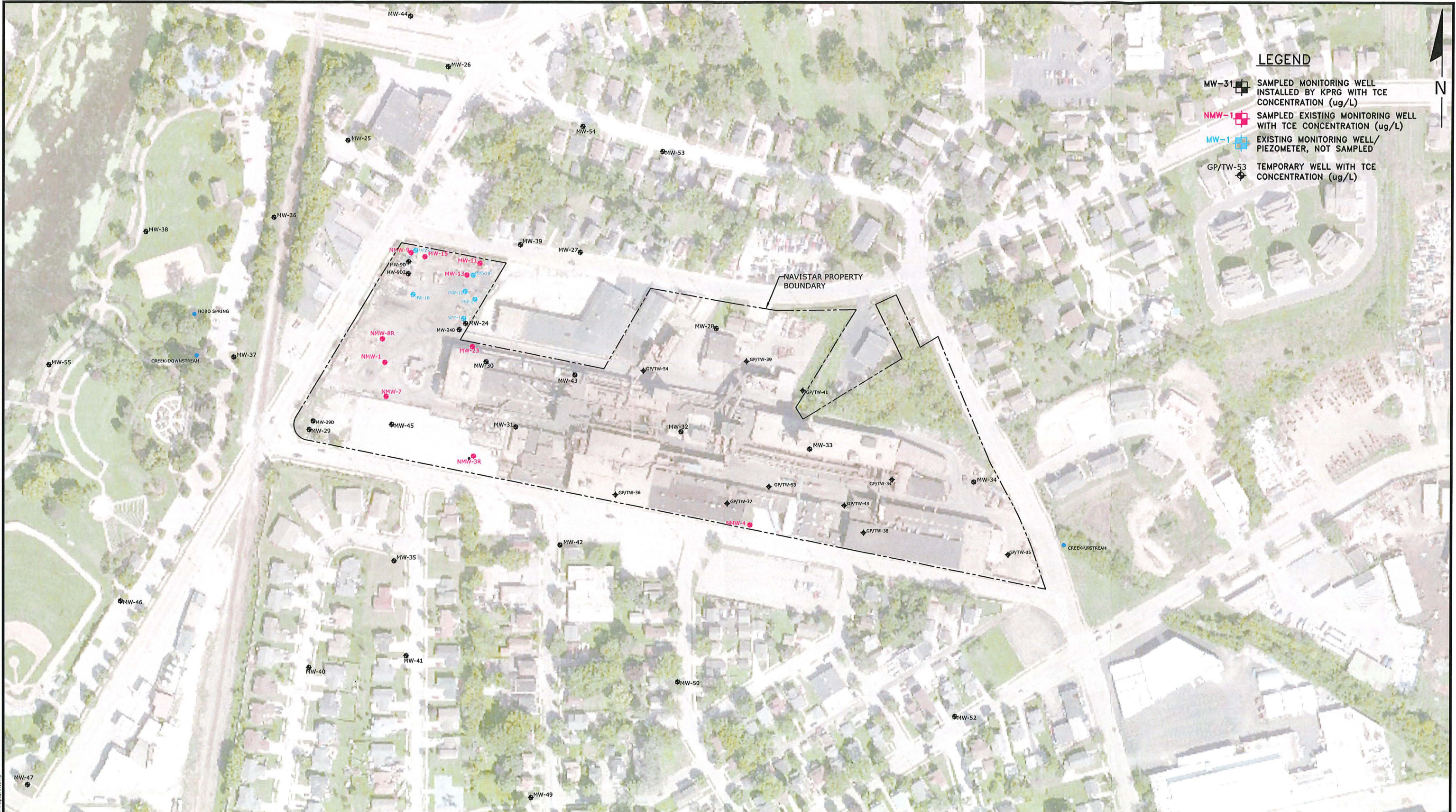
If there are any questions, please contact Ferdinand Alido of Navistar at 331-332-6364 or Richard Gnat of KPRG at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Richard R. Gnat, P.G.
Principal

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

FIGURES

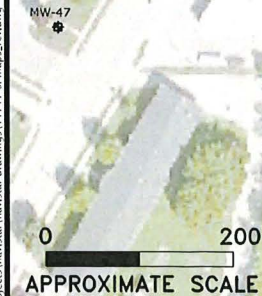


LEGEND

- MW-31 SAMPLED MONITORING WELL INSTALLED BY KPRG WITH TCE CONCENTRATION (ug/L)
- NMW-1 SAMPLED EXISTING MONITORING WELL WITH TCE CONCENTRATION (ug/L)
- MW-1 EXISTING MONITORING WELL/PIEZOMETER, NOT SAMPLED
- GP/TW-53 TEMPORARY WELL WITH TCE CONCENTRATION (ug/L)



NAVISTAR PROPERTY BOUNDARY



ENVIRONMENTAL CONSULTATION & REMEDIATION

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

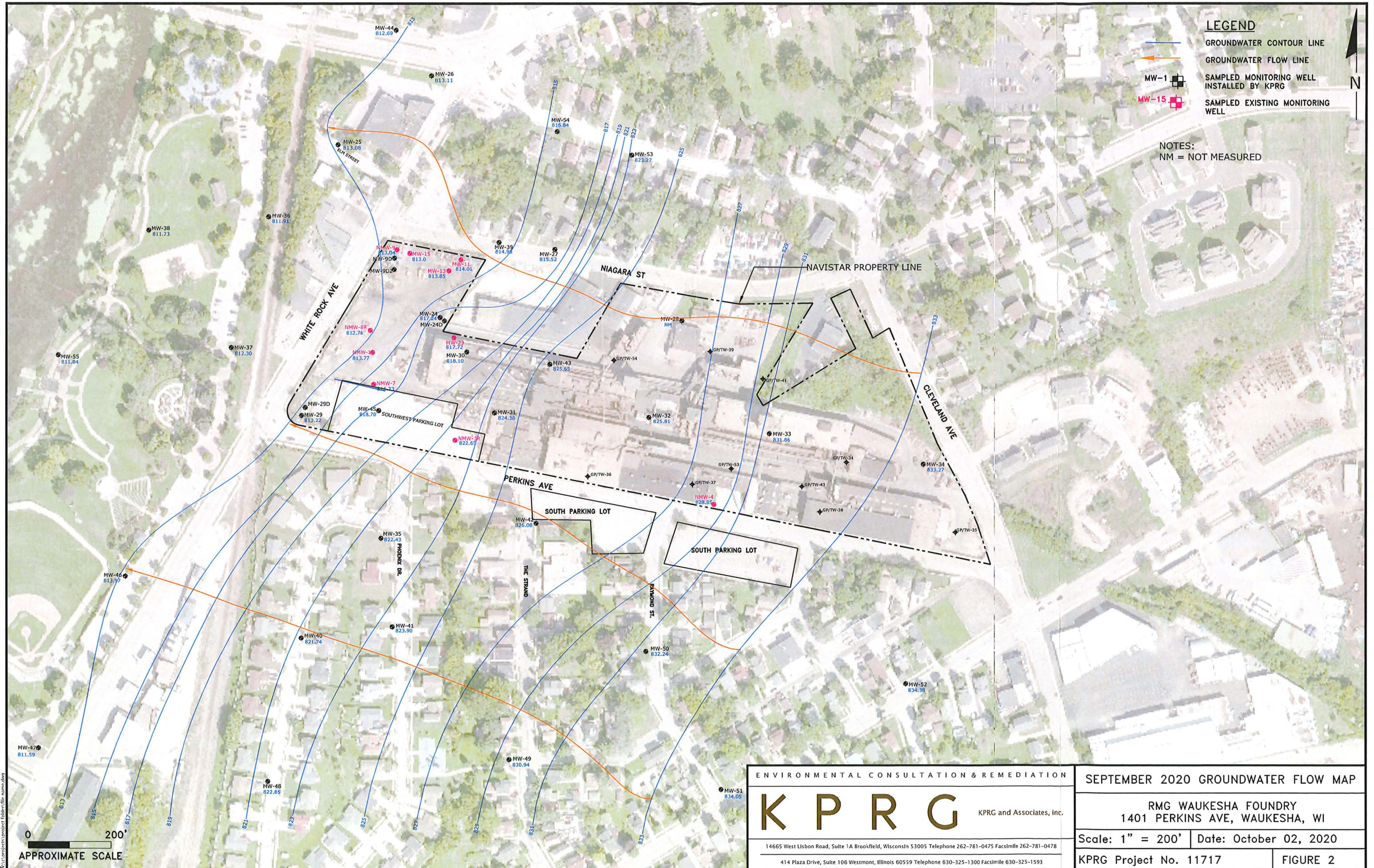
MONITORING WELLS SITE MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' Date: January 8, 2020

KPRG Project No. 11717 **FIGURE 1**

T:\projects\navistar\drawings\11717-81\map_svw.dwg



LEGEND

- GROUNDWATER CONTOUR LINE
- GROUNDWATER FLOW LINE
- MW-1 SAMPLED MONITORING WELL INSTALLED BY KPRG
- MW-15 SAMPLED EXISTING MONITORING WELL

NOTES:
NM = NOT MEASURED

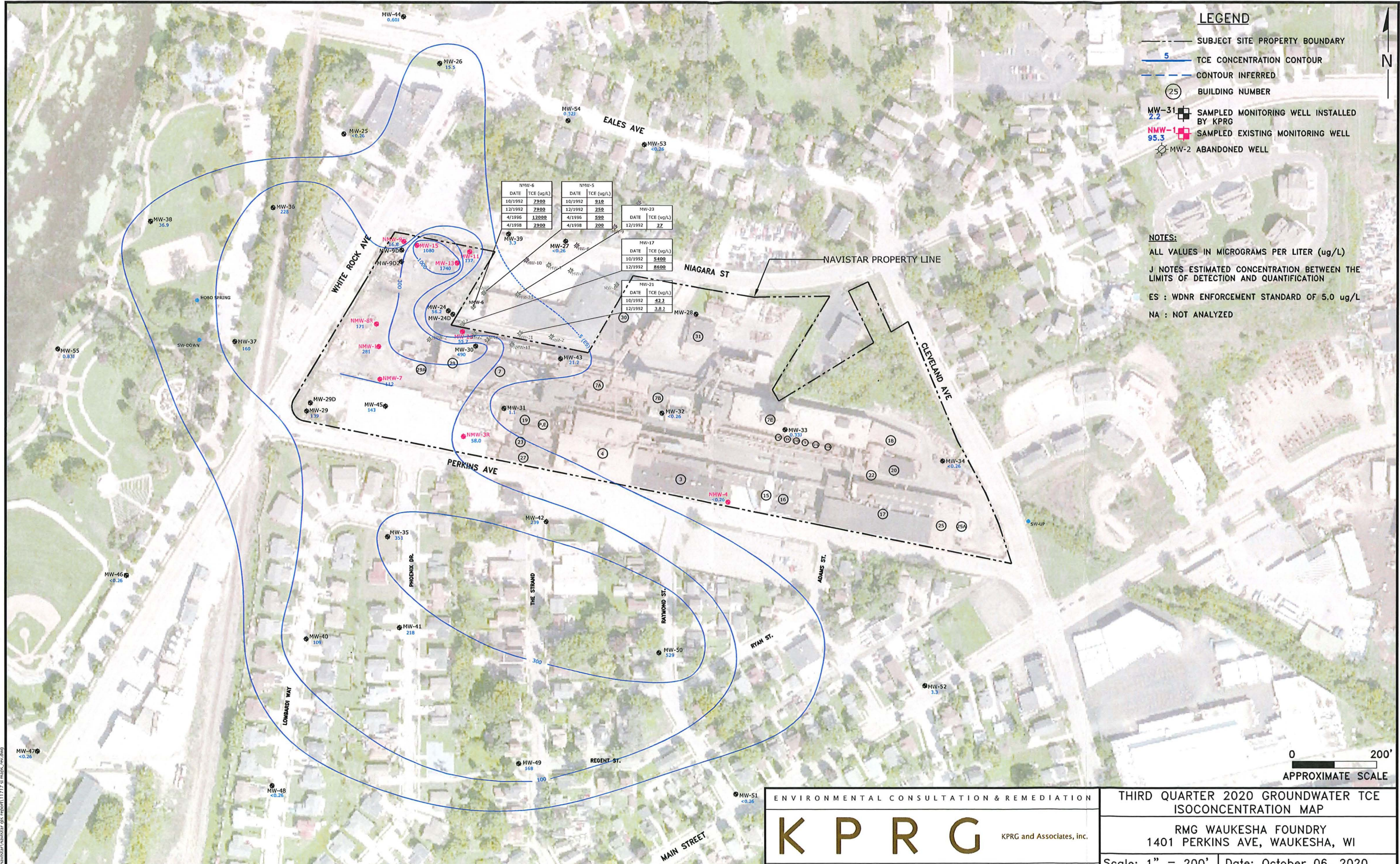
0 200'
APPROXIMATE SCALE

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

SEPTEMBER 2020 GROUNDWATER FLOW MAP	
RMG WAUKESHA FOUNDRY 1401 PERKINS AVE, WAUKESHA, WI	
Scale: 1" = 200'	Date: October 02, 2020
KPRG Project No. 11717	FIGURE 2



LEGEND

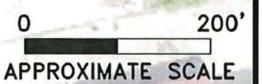
- SUBJECT SITE PROPERTY BOUNDARY
- 5 TCE CONCENTRATION CONTOUR
- CONTOUR INFERRED
- (25) BUILDING NUMBER
- MW-31 2.2 SAMPLER MONITORING WELL INSTALLED BY KPRG
- NMW-1 95.3 SAMPLER EXISTING MONITORING WELL
- MW-2 ABANDONED WELL

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
 NA : NOT ANALYZED

NMW-6		NMW-5	
DATE	TCE (ug/L)	DATE	TCE (ug/L)
10/1992	2900	10/1992	910
12/1992	2900	12/1992	250
4/1998	12000	4/1998	590
4/1998	2900	4/1998	200

MW-23	
DATE	TCE (ug/L)
12/1992	22

MW-21	
DATE	TCE (ug/L)
10/1992	5400
12/1992	8600



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THIRD QUARTER 2020 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
 1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' | Date: October 06, 2020

KPRG Project No. 11717 | FIGURE 3

The information contained herein is for informational purposes only. It is not intended to be used for any other purpose.

TABLES

Table 1. Summary of Groundwater Elevations - RMG Foundry, Waukesha, WI

Well ID	Ground Surface Elevation	Top of Casing Elevation	11/27/2017		3/12/2018		7/9/2018		9/27/2018		12/10/2018		3/25/2019		6/17/2019		9/8/2019		12/5/2019		3/16/2020		6/22/2020		9/21/2020	
			Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation
NMW-1	831.74	831.31	18.20	813.11	17.90	813.41	17.72	813.59	17.55	813.76	17.44	813.87	17.14	814.17	17.56	813.75	17.65	813.66	17.25	814.06	17.31	814.00	17.35	813.96	17.54	813.77
NMW-3R	831.80	831.48	9.04	822.44	8.83	822.65	8.75	822.73	8.72	822.76	8.83	822.65	8.68	822.80	12.88	818.60	8.75	822.73	8.65	822.83	8.75	822.73	8.75	822.73	8.83	822.65
NMW-4	NM	841.07	12.55	828.52	12.42	828.65	12.08	828.99	11.94	829.13	11.99	829.08	12.17	828.90	12.08	828.99	12.36	828.71	11.98	829.09	12.16	828.91	11.97	829.10	12.22	828.85
NMW-7	831.83	831.55	16.04	815.51	15.32	816.23	15.45	816.10	15.42	816.13	15.38	816.17	14.99	816.56	15.30	816.25	15.00	816.55	14.95	816.60	14.92	816.63	15.11	816.44	15.32	816.23
NMW-8R	831.69	831.36	19.00	812.36	18.68	812.68	18.43	812.93	18.30	813.06	18.15	813.21	17.77	813.59	18.42	812.94	18.74	812.62	18.15	813.21	18.24	813.12	18.41	812.95	18.60	812.76
NMW-9	832.27	831.89	19.61	812.28	19.09	812.80	19.70	812.19	19.60	812.29	18.63	813.26	37.60	794.29	19.01	812.88	19.40	812.49	18.84	813.05	18.97	812.92	18.16	813.73	18.85	813.04
MW-9D	832.27	831.86	18.80	813.06	18.68	813.18	18.49	813.37	18.71	813.15	18.63	813.23	18.21	813.65	18.60	813.26	19.20	812.66	18.60	813.26	18.70	813.16	18.79	813.07	19.02	812.84
MW-9D2	832.33	832.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	18.41	813.60	19.22	812.79	18.14	813.87	18.11	813.90	17.98	814.03	18.70	813.31
MW-11	832.40	831.61	17.90	813.71	17.18	814.43	17.05	814.56	17.10	814.51	17.19	814.42	16.71	814.90	17.14	814.47	17.70	813.91	17.12	814.49	17.00	814.61	17.30	814.31	17.60	814.01
MW-13	832.53	832.20	18.70	813.50	17.96	814.24	18.80	813.40	18.57	813.63	18.00	814.20	17.51	814.69	17.95	814.25	18.40	813.80	18.13	814.07	17.81	814.39	18.11	814.09	18.35	813.85
MW-15	832.29	831.81	19.25	812.56	19.03	812.78	18.74	813.07	18.69	813.12	18.65	813.16	18.18	813.63	18.70	813.11	19.20	812.61	18.55	813.26	18.65	813.16	18.74	813.07	18.81	813.00
MW-16	831.94	831.66	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-23	832.64	832.36	13.83	818.53	13.90	818.46	13.98	818.38	13.75	818.61	13.90	818.46	13.95	818.41	13.71	818.65	13.89	818.47	13.85	818.51	13.89	818.47	14.39	817.97	14.64	817.72
MW-24	832.39	831.95	14.75	817.20	14.60	817.35	14.56	817.39	14.52	817.43	14.66	817.29	14.60	817.35	14.45	817.50	14.55	817.40	14.50	817.45	14.53	817.42	14.66	817.29	14.71	817.24
MW-24D	832.38	831.96	18.93	813.03	18.84	813.12	17.79	814.17	18.21	813.75	18.40	813.56	18.15	813.81	18.45	813.51	18.57	813.39	17.90	814.06	18.02	813.94	17.93	814.03	18.23	813.73
MW-25	832.05	831.69	19.16	812.53	18.98	812.71	18.80	812.89	18.45	813.24	18.45	813.24	18.52	813.17	18.75	812.94	18.94	812.75	18.60	813.09	18.79	812.90	18.64	813.05	18.61	813.08
MW-26	831.76	832.12	NI	NI	NI	NI	18.85	813.27	18.91	813.21	18.82	813.30	18.69	813.43	18.80	813.32	19.15	812.97	18.81	813.31	17.89	814.23	18.72	813.40	19.01	813.11
MW-27	832.67	832.33	17.34	814.99	16.57	815.76	16.17	816.16	16.47	815.86	16.27	816.06	16.13	816.20	16.29	816.04	16.91	815.42	16.53	815.80	16.41	815.92	17.15	815.18	16.81	815.52
MW-28	835.76	835.37	9.96	825.41	9.81	825.56	9.53	825.84	9.48	825.89	9.65	825.72	9.62	825.75	9.57	825.80	9.95	825.42	NM	NM	NM	NM	NM	NM	NM	NM
MW-29	831.61	831.26	18.52	812.74	18.23	813.03	17.96	813.30	17.85	813.41	17.55	813.71	17.10	814.16	17.90	813.36	18.29	812.97	17.41	813.85	17.51	813.75	18.02	813.24	18.04	813.22
MW-29D	831.61	831.14	13.97	817.17	14.09	817.05	13.37	817.77	13.41	817.73	12.69	818.45	12.48	818.66	12.35	818.79	12.80	818.34	11.90	819.24	12.15	818.99	12.40	818.74	12.45	818.69
MW-30	835.70	835.45	15.43	820.02	15.38	820.07	15.35	820.10	15.12	820.33	15.05	820.40	16.92	818.53	15.15	820.30	14.85	820.60	15.35	820.10	15.54	819.91	17.11	818.34	17.35	818.10
MW-31	832.84	832.49	8.59	823.90	8.09	824.40	8.12	824.37	8.07	824.42	8.20	824.29	8.00	824.49	8.20	824.29	7.17	825.32	7.25	825.24	7.42	825.07	7.82	824.67	8.11	824.38
MW-32	835.12	834.73	9.14	825.59	5.99	828.74	8.79	825.94	8.69	826.04	NM	NM	8.95	825.78	8.91	825.82	9.66	825.07	8.94	825.79	9.97	824.76	8.82	825.91	8.92	825.81
MW-33	836.07	835.79	4.19	831.60	4.07	831.72	3.68	832.11	3.60	832.19	3.71	832.08	3.66	832.13	3.55	832.24	4.05	831.74	3.65	832.14	3.61	832.18	3.40	832.39	3.93	831.86
MW-34	840.07	839.70	6.70	833.00	6.48	833.22	6.12	833.58	6.13	833.57	6.17	833.53	5.84	833.86	5.92	833.78	6.56	833.14	5.95	833.75	5.92	833.78	5.78	833.92	6.43	833.27
MW-35	832.09	831.83	9.47	822.36	9.43	822.40	9.42	822.41	9.35	822.48	9.27	822.56	9.16	822.67	9.28	822.55	9.51	822.32	9.09	822.74	9.19	822.64	9.32	822.51	9.40	822.43
MW-36	816.91	816.46	4.88	811.58	4.72	811.74	4.62	811.84	4.31	812.15	4.12	812.34	3.70	812.76	4.45	812.01	4.75	811.71	4.01	812.45	4.11	812.35	4.63	811.83	4.55	811.91
MW-37	820.29	819.92	8.13	811.79	8.07	811.85	7.90	812.02	7.40	812.52	7.08	812.84	6.70	813.22	7.70	812.22	7.94	811.98	7.04	812.88	7.40	812.52	7.75	812.17	7.62	812.30
MW-38	813.68	814.08	NI	NI	NI	NI	2.49	811.59	2.25	811.83	2.25	811.83	1.85	812.23	2.30	811.78	2.51	811.57	1.85	812.23	2.00	812.08	2.22	811.86	2.35	811.73
MW-39	832.18	832.59	NI	NI	NI	NI	16.94	815.65	17.00	815.59	17.03	815.56	16.61	815.98	16.91	815.68	17.75	814.84	16.90	815.69	16.80	815.79	17.09	815.50	17.61	814.98
MW-40	831.49	831.87	NI	NI	NI	NI	10.05	821.82	9.98	821.89	9.89	821.98	9.70	822.17	9.95	821.92	10.25	821.62	9.71	822.16	9.78	822.09	10.08	821.79	10.13	821.74
MW-41	833.21	833.53	NI	NI	NI	NI	9.61	823.92	9.58	823.95	9.50	824.03	9.39	824.14	9.49	824.04	9.76	823.77	9.33	824.20	9.41	824.12	9.52	824.01	9.63	823.90
MW-42	831.87	832.13	NI	NI	NI	NI	6.09	826.04	5.94	826.19	5.95	826.18	5.74	826.39	6.85	825.28	6.11	826.02	6.05	826.08	5.97	826.16	5.71	826.42	6.05	826.08
MW-43	833.89	834.18	NI	NI	NI	NI	8.43	825.75	8.31	825.87	8.54	825.64	8.54	825.64	8.48	825.70	8.66	825.52	8.51	825.67	8.55	825.63	8.61	825.57	8.53	825.65
MW-44	827.66	827.44	NI	NI	NI	NI	NI	NI	NI	NI	14.65	812.79	14.65	812.79	14.55	812.89	14.90	812.54	14.60	812.84	14.64	812.80	14.51	812.93	14.75	812.69
MW-45	831.89	831.50	NI	NI	NI	NI	NI	NI	NI	NI	15.06	816.44	12.79	818.71	12.89	818.61	12.83	818.67	12.82	818.68	12.80	818.70	12.78	818.72	12.80	818.70
MW-46	824.12	823.57	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	10.25	813.32	9.71	813.86	8.62	814.95	8.71	814.86	9.40	814.17	9.60	813.97
MW-47	822.76	822.34	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	10.15	812.19	10.52	811.82	9.91	812.43	9.75	812.59	10.42	811.92	10.75	811.59
MW-48	833.65	833.43	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	10.25	823.18	10.72	822.71	9.68	823.75	9.79	823.64	10.48	822.95	10.58	822.85
MW-49	836.97	836.85	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	5.61	831.24	5.97	830.88	5.75	831.10	5.82	831.03	5.61	831.24	5.91	830.94
MW-50	846.64	846.53	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	13.49	833.04	14.31	832.22	13.84	832.89	14.01	832.52	13.44	833.09	14.29	832.24
MW-51	853.87	853.67	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	18.81	834.86	19.64	834.03	19.40	834.27	19.63	834.04	18.72	834.95	19.62	834.05
MW-52	850.57	850.16	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	14.97	835.19	15.72	834.44	15.23	834.93	15.44	834.72	14.69	835.47	15.78	834.38
MW-53	834.67	834.56</																								

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

Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-1																
			PAL	ES	10/13/1992*	12/18/1992*	4/10/1996*	3/31/1998*	6/5/2015*	9/20/2016*	11/30/2017	3/14/2018	7/11/2018	10/4/2018	12/14/2018	3/28/2019	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/23/2020
1,1,1-Trichloroethane	40	200	580	620	300	350	34.6	38.7	12.9	33.6	13.1	31	18.2	63.1	52.6	53.9	42.4	38.2	27.5	48.5	
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	ND	ND	<0.50	<0.25	<0.25	<0.55	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.39	<0.20	<0.20	<1.1	<0.55	<0.55	<1.1	<1.4	<1.4	<1.4	<1.4	<1.4	
1,1-Dichloroethane	85	850	ND	11 J	11	20	15	14.2	5.5	11.6	4.5	11.2	7.0	18.7	16.1	11.9	15.6	4.1	8	14.4	
1,1-Dichloroethene	0.7	7	ND	160	29	32	6.7	5.9	1.4 J	4.8	1.3	3.4	1.6	6.1	6.8	3.6	4.3	<0.70	2.9	4.6	
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	ND	ND	<4.4	<2.2	<2.2	<1.9	<0.95	<0.95	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<1.4	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.34	<0.17	<0.17	<0.56	<0.28	<0.28	<0.56	<0.70	<0.70	<0.70	<0.70	<0.70	
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	ND	ND	<0.47	<0.23	<0.23	<0.57	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<1.3	<0.63	<0.63	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<1.9	<0.94	<0.94	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<0.73	<0.36	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<0.33	<0.17	<0.17	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<1.4	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	<0.75	<0.37	<0.37	<2.7	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	ND	ND	ND	ND	ND	ND	<5.0	<2.5	<2.5	<2.5	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	ND	ND	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<4.4	<2.2	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	ND	ND	ND	ND	ND	3.7 J	2.9 J	0.77 J	2.8	1.1	1.7 J	1.3	4.0	8.0	2.8	2.8	3.0	2.4 J	
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<7.3	<3.6	<3.6	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	ND	ND	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<0.50	<5.2	<2.6	<2.6	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	ND	ND	<0.45	<0.22	<0.22	<1.0	<0.50	<0.50	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	ND	ND	<4.2	<2.1	<2.1	<2.4	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	67 B	100 B	ND	8.2 QB	ND	ND	0.56 J	<0.23	<0.23	<1.2	<0.58	<0.58	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	ND	ND	ND	ND	ND	ND	<1.0	<0.50	<0.50	<0.65	<0.33	<0.33	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82	
trans-1,2-Dichloroethene	20	100	ND	ND	ND	ND	ND	ND	<1.0	<1.0	<0.51	<0.26	<0.26	<2.2	<1.1	<1.1	<2.2	<2.7	<2.7	<1.2	
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<0.46	<0.23	<0.23	<8.7	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	750	980	870	930	402	294	95.3	209	86.6	103	58.4	292	342	336	278	238	157	281	
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	<0.37	<0.18	<0.18	<0.43	<0.21	<0.21	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	ND	ND	<7.0	<0.35	<0.18	<0.18	<0.35	<0.17	<0.17	<0.35	<0.44	<0.44	<0.44	<0.44	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
 Underlined - Exceeds PAL
 Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-3R												
			PAL	ES	6/5/2015*	9/20/2016*	11/28/2017	3/13/2018	7/11/2018	10/1/2018	12/11/2018	3/26/2019	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020
1,1,1-Trichloroethane	40	200	1.8	6.8	10	2.5	4.3	8.9	7.3	1.6	6.0	1.2	1.7	1.4	3.7	6.9	
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	< 0.25	<0.25	<0.25	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	ND	ND	< 0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	
1,1-Dichloroethane	85	850	2.1	4.9	5.7	2.3	3.6	4.6	3.6	1.4	3.1	1.3	2.9	1.7	2.8	3.8	
1,1-Dichloroethene	0.7	7	ND	1.6	2.8	0.51 J	1.3	1.7	1.5	0.40 J	1.1	<0.24	0.36 J	0.39 J	1.1	1.3	
1,2,4-Trichlorobenzene	14	70	ND	ND	< 2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	ND	ND	< 0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	ND	ND	< 0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	ND	ND	< 0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	ND	ND	< 0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	ND	ND	< 0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<0.5	<0.5	< 0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	ND	ND	< 0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	ND	ND	< 0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	ND	ND	< 0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	ND	ND	< 2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	0.62 J	<0.5	< 0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	5.4	11.9	19.6	6.3	10.7	12.6	10.8	5.7	9.4	5.4	8	6.1	8.4	10.7	
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	< 0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<0.5	<0.5	< 0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	ND	ND	< 0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	ND	ND	< 2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	ND	ND	< 0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	ND	ND	< 0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	
trans-1,2-Dichloroethene	20	100	0.34 J	0.75 J	0.86 J	0.52 J	0.76 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	0.47 J	0.53 J	
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	< 0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	39.2	74.5	103	23.5	46.2	74.6	69.6	17.8	54.4	16.1	19.8	15.5	36.3	58	
Trichlorofluoromethane	NS	NS	ND	ND	< 0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	ND	0.28 J	0.38 J	0.22 J	<0.18	0.24 J	0.28 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
 Underlined - Exceeds PAL
 Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-4																	
			PAL	ES	10/13/1992*	12/16/1992*	4/10/1996*	4/1/1998*	6/1/2015*	9/20/2016*	11/28/2017	3/13/2018	7/11/2018	10/2/2018	12/11/2018	3/26/2019	6/24/2019	9/10/2019	12/6/2019	3/18/2020	6/25/2020	9/21/2020
1,1,1-Trichloroethane	40	200	ND	ND	ND	ND	<0.5	<0.5	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	ND	ND	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	ND	ND	ND	ND	ND	<0.24	ND	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	ND	ND	ND	ND	ND	<0.41	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	ND	ND	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.24	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	ND	ND	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	ND	ND	<0.5	<0.5	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	ND	ND	ND	ND	ND	ND	<0.5	<0.5	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	3.0	ND	2.0	1.2	<0.26	<0.26	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	ND	ND	ND	ND	ND	ND	<0.5	<0.5	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	ND	ND	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	ND	ND	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	1.5 B	8.7 B	ND	ND	ND	ND	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	ND	ND	ND	ND	ND	ND	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	ND	ND	ND	ND	ND	ND	<0.26	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane	0.5	5	22	21	17	8.4	0.33 J	0.77 J	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	2.5	0.29 J	<0.26	0.75 J	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	ND	ND	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
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Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-7																	
			PAL	ES	4/10/1996*	3/31/1998*	6/1/2015*	9/20/2016*	11/30/2017	3/14/2018	7/11/2018	10/4/2018	12/14/2018	3/28/2019	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/23/2020	9/22/2020		
1,1,1-Trichloroethane	40	200	150	51	7.5	20	16.9	19.0	12.0	13.6	36.2	17	21.4	7.8	11.4	12.3	7.8	15.9				
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	<0.62	<0.25	<0.50	<0.55	<0.28	<0.69	NA	NA	NA	NA	NA	NA				
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	<0.49	<0.20	<0.39	<1.1	<0.55	<1.4	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55				
1,1-Dichloroethane	85	850	6.1	3.7	2.8	6	9.3	6.1	4.1	5.3	12.9	5.5	6.2	2	4.1	3.9	2.5	4.6				
1,1-Dichloroethene	0.7	7	18	3.5	1.6	2.7	2.4 J	2.3	1.7 J	1.8 J	6.4	2.2 J	3.6	0.84 J	1.4	1.7	1.4	2.1				
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	<5.5	<2.2	<4.4	<1.9	<0.95	<2.4	NA	NA	NA	NA	NA	NA				
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	<1.2	<0.50	<1.0	<1.4	<0.71	<1.8	NA	NA	NA	NA	NA	NA				
1,2-Dichloroethane	0.5	5	ND	ND	2.8	ND	<0.42	<0.17	<0.34	<0.56	<0.28	<0.70	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28				
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	<0.58	<0.23	<0.47	<0.57	<0.28	<0.71	NA	NA	NA	NA	NA	NA				
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	<1.2	<0.50	<1.0	<1.3	<0.63	<1.6	NA	NA	NA	NA	NA	NA				
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	<1.2	<0.50	<1.0	<1.9	<0.94	<2.4	NA	NA	NA	NA	NA	NA				
Bromodichloromethane	0.06	0.6	ND	ND	<0.5	<0.5	<1.2	<0.50	<1.0	<0.73	<0.36	<0.91	NA	NA	NA	NA	NA	NA				
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	<1.2	<0.50	<1.0	<0.33	<0.17	<0.41	NA	NA	NA	NA	NA	NA				
Chlorobenzene	NS	NS	ND	ND	ND	ND	<1.2	<0.50	<1.0	<1.4	<0.71	<1.8	NA	NA	NA	NA	NA	NA				
Chloroethane	80	400	ND	ND	ND	ND	<0.94	<0.37	<0.75	<2.7	<1.3	<3.4	NA	NA	NA	NA	NA	NA				
Chloroform	0.6	6	ND	ND	ND	ND	<6.2	<2.5	<5.0	<2.5	<1.3	<3.2	NA	NA	NA	NA	NA	NA				
Chloromethane	3	30	ND	ND	<0.5	<0.5	<1.2	<0.50	<1.0	<4.4	<2.2	<5.5	NA	NA	NA	NA	NA	NA				
cis-1,2-Dichloroethene	7	70	ND	2.4	0.91 J	2.2	5.9	1.7	2.5	3.5	3.6	2.1 J	3.0	0.85 J	1.5	1.5	1.1	1.7				
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	<1.2	<0.50	<1.0	<7.3	<3.6	<9.1	NA	NA	NA	NA	NA	NA				
Dibromochloromethane	6	60	ND	ND	<0.5	<0.5	<1.2	<0.50	<1.0	<5.2	<2.6	<6.5	NA	NA	NA	NA	NA	NA				
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	<0.56	<0.22	<0.45	<1.0	<0.50	<1.2	NA	NA	NA	NA	NA	NA				
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	<5.3	<2.1	<4.2	<2.4	<1.2	<3.0	NA	NA	NA	NA	NA	NA				
Methylene Chloride	0.5	5	ND	ND	ND	ND	0.66 J	<0.23	<0.47	<1.2	<0.58	<1.5	NA	NA	NA	NA	NA	NA				
Tetrachloroethene	0.5	5	420	120	ND	ND	<1.2	<0.50	<1.0	<0.65	<0.33	<0.82	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33				
trans-1,2-Dichloroethene	20	100	ND	ND	<0.26	<0.26	<0.64	<0.26	<0.51	<2.2	<1.1	<2.7	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46				
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	<0.57	<0.23	<0.46	<8.7	<4.4	<10.9	NA	NA	NA	NA	NA	NA				
Trichloroethane	0.5	5	ND	ND	89	157	127	79.4	99.5	110	272	131	172	60.9	88.9	88	57.4	112				
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	<0.46	<0.18	<0.37	<0.43	<0.21	<0.54	NA	NA	NA	NA	NA	NA				
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	<0.18	<0.44	<0.18	<0.35	<0.35	<0.17	<0.44	0.22 J	0.68 J	<0.17	0.24 J	<0.17				

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-8R													
			PAL	ES	6/5/2015*	9/20/2016*	11/30/2017	3/14/2018	7/11/2018	10/4/2018	12/14/2018	3/28/2019	6/26/2019	9/16/2019	12/12/2019	4/14/2020	6/23/2020	9/22/2020
	1,1,1-Trichloroethane		40	200	26.8	18.4	24.1	34.6	28.8	35.0	38.4	37.2	32.2	29.2	33	31.9	28.4	24
	1,1,2,2-Tetrachloroethane		0.02	0.2	ND	ND	<0.62	<0.50	<0.50	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	ND	ND	<0.49	<0.39	<0.39	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
	1,1-Dichloroethane		85	850	10.7	6.8	10.2	13.2	10.3	12.7	14.4	13.3	9.7	7.9	12.9	<1.1	9.3	7.8
	1,1-Dichloroethene		0.7	7	4.8	1.6 J	2.3 J	4.0	3.1	4.5	5.2	4.4	4.7	2.1	3.9	10.2	4	2.1
	1,2,4-Trichlorobenzene		14	70	ND	ND	<5.5	<4.4	<4.4	<1.9	<1.9	<1.9	NA	NA	NA	4.2	NA	NA
	1,2-Dichlorobenzene		60	600	ND	ND	<1.2	<1.0	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	ND	ND	<0.42	<0.34	<0.34	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	1,2-Dichloropropane		0.5	5	ND	ND	<0.58	<0.47	<0.47	<0.57	<0.57	<0.57	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	ND	ND	<1.2	<1.0	<1.0	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	ND	ND	<1.2	<1.0	<1.0	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.5	<1.0	<1.2	<1.0	<1.0	<0.73	<0.73	<0.73	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	ND	ND	<1.2	<1.0	<1.0	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	ND	ND	<1.2	<1.0	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	ND	ND	<0.94	<0.75	<0.75	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	ND	ND	<6.2	<5.0	<5.0	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.5	<1.0	<1.2	<1.0	<1.0	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	3.3	2.0 J	2.7	3.7	2.8	3.8	4.0	3.5	2.9	2.3	2.6	2.7	2.9	2.2
	cis-1,3-Dichloropropene		0.04	0.4	ND	ND	<1.2	<1.0	<1.0	<3.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.5	<1.0	<1.2	<1.0	<1.0	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	ND	ND	<0.56	<0.45	<0.45	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	ND	ND	<5.3	<4.2	<4.2	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	ND	ND	0.64 J	<0.47	<0.47	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
	Tetrachloroethane		0.5	5	ND	ND	<1.2	<1.0	<1.0	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65
	trans-1,2-Dichloroethene		20	100	<0.26	<0.51	<0.64	<0.51	<0.51	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<0.93	<0.93	<0.93
	trans-1,3-Dichloropropene		0.04	0.4	ND	ND	<0.57	<0.46	<0.46	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	267	167	179	249	199	265	235	237	173	228	209	190	171	171
	Trichlorofluoromethane		NS	NS	ND	ND	<0.46	<0.37	<0.37	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	ND	ND	<0.35	<0.44	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Notes: Results are in ug/L.
 PAL - Preventive Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		NMW-9																	
			PAL	ES	4/1/1996*	3/31/1998*	6/1/2015*	9/20/2016*	11/29/2017	3/15/2018	7/11/2018	10/3/2018	12/13/2018	3/28/2019	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020		
	1,1,1-Trichloroethane		40	200	160	19	3.8	ND	16.4	18.9	2.0 J	2.3	2.2	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,1,2,2-Tetrachloroethane		0.02	0.2	ND	ND	ND	ND	<1.0	<0.62	<0.62	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	ND	ND	ND	ND	<0.79	<0.49	<0.49	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	1,1-Dichloroethane		85	850	20	2.9	4	8.9	8.5	12.1	9.4	8.3	7.8	<0.27	0.46 J	0.40 J	<0.27	<0.27	<0.27	<0.27	<0.27	
	1,1-Dichloroethene		0.7	7	21	1.7 Q	1.9	ND	2.0 J	4.7	2.7	4.2	5.2	<0.24	0.41 J	0.54 J	<0.24	<0.24	<0.24	0.32 J	0.32 J	
	1,2,4-Trichlorobenzene		14	70	ND	ND	ND	ND	<8.8	<5.5	<5.5	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	ND	ND	ND	ND	<0.67	<0.42	<0.42	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
	1,2-Dichloropropane		0.5	5	ND	ND	ND	ND	<0.93	<0.58	<0.58	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	ND	ND	9.62 J	<1.0	<2.0	<1.2	<1.2	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	ND	ND	ND	ND	<1.5	<0.94	<0.94	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	ND	ND	ND	ND	<10.0	<6.2	<6.2	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	ND	ND	<0.5	<1.0	<2.0	<1.2	<1.2	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	200	11	7.4	ND	15.4	30.2	36.8	41.5	39.8	1.1	4.3	4.1	0.62 J	1	1.0 J	1.9	1.9	
	cis-1,3-Dichloropropene		0.04	0.4	ND	ND	ND	ND	<2.0	<1.2	<1.2	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	ND	ND	2.5	<1.0	<2.0	<1.2	<1.2	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	ND	ND	ND	ND	<0.90	<0.56	<0.56	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	ND	ND	ND	ND	<8.4	<5.3	<5.3	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	ND	ND	2.4 B	ND	<0.93	<0.58	<0.58	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	Tetrachloroethene		0.5	5	ND	ND	ND	ND	<2.0	<1.2	<1.2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	trans-1,2-Dichloroethene		20	100	ND	ND	0.33 J	ND	<1.0	1.3 J	2.2 J	1.3 J	1.5 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46
	trans-1,3-Dichloropropene		0.04	0.4	ND	ND	ND	ND	<0.92	<0.57	<0.57	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	1,000	210	205	389	311	424	270	253	256	13.6	29.6	40.9	12.3	14.1	5.7	16.8	16.8	16.8
	Trichlorofluoromethane		NS	NS	ND	ND	ND	ND	<0.74	<0.46	<0.46	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	ND	ND	ND	ND	<0.35	<0.70	<0.44	<0.44	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventive Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
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Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-9D										
			PAL	ES	11/30/2017	3/14/2018	7/11/2018	10/3/2018	12/13/2018	3/28/2019	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020
1,1,1-Trichloroethane	40	200	<.50	<.50	<.50	51.8	30.9	31.8	8.4	14.4	24.2	18.5	21.1	37.5	
1,1,2,2-Tetrachloroethane	0.02	0.2	<.25	<.25	<.25	<.25	<.28	<.28	<.1.4	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<.20	<.20	<.20	<.55	<.55	<.2.8	<.1.1	<.1.1	<.2.8	<.1.1	<.2.2	<.1.1	
1,1-Dichloroethane	85	850	0.52 J	<.24	<.24	37.4	17.9	18.4	4.6	8.4	17.2	11.6	10.4	17.5	
1,1-Dichloroethene	0.7	7	0.64 J	<.41	<.41	19.9	4.7 J	7.0	2.2	2.3	5.2	4.5	<.98	<.49	
1,2,4-Trichlorobenzene	14	70	<.2	<.2	<.2	<.95	<.95	<.4.8	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<.50	<.50	<.50	<.71	<.71	<.3.5	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<.17	<.17	<.17	<.28	<.28	<.1.4	<.0.56	<.0.56	<.1.4	<.0.56	<.1.1	<.0.56	
1,2-Dichloropropane	0.5	5	<.23	<.23	<.23	<.28	<.28	<.1.4	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<.50	<.50	<.50	<.63	<.63	<.3.1	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<.50	<.50	<.50	<.94	<.94	<.4.7	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	3.4	<.50	<.50	<.36	<.36	<.1.8	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<.50	<.50	<.50	<.17	<.17	<.83	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<.50	<.50	<.50	<.71	<.71	<.3.6	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<.37	<.37	<.37	<.1.3	<.13.4	<.6.7	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<.5	<.5	<.5	<.1.3	<.12.7	<.6.4	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<.50	<.50	<.50	<.2	<.21.9	<.10.9	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	3.4	1.1	0.78 J	38	31.5	36.1	11.4	22.7	33.3	35.9	9.4	21.8	
cis-1,3-Dichloropropene	0.04	0.4	<.50	<.50	<.50	<.3.6	<.36.3	<.18.1	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	5.8	<.50	<.50	<.2.6	<.26.0	<.13.0	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<.22	<.22	<.22	<.50	<.5.0	<.2.5	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<.1	<.1	<.1	<.1.2	<.11.8	<.5.9	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<.23	<.23	<.23	<.58	<.5.8	<.2.9	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<.50	<.50	<.50	<.33	<.3.3	<.1.6	<.0.65	<.0.65	<.1.6	<.0.65	<.1.3	<.0.65	
trans-1,2-Dichloroethene	20	100	0.35 J	<.26	<.26	2.0 J	<.10.9	<.5.5	<.2.2	<.2.2	<.5.5	<.2.2	<.1.9	3.0J	
trans-1,3-Dichloropropene	0.04	0.4	<.23	<.23	<.23	<.4	<.43.7	<.21.9	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	8.9	3.7	1.7	1,340	645	616	215	284	489	388	325	821	
Trichlorofluoromethane	NS	NS	<.18	<.18	<.18	<.21	<.2.1	<.1.1	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	<.18	<.18	<.18	0.26 J	<.1.7	<.0.87	<.0.35	<.0.35	<.0.87	<.0.35	<.0.70	<.0.35	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-9D2					
			PAL	ES	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020
1,1,1-Trichloroethane	40	200	<.24	<.24	<.24	<.24	<.24	<.24	<.24	<.24
1,1,2,2-Tetrachloroethane	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<.55	<.55	<.55	<.55	<.55	<.55	<.55	<.55
1,1-Dichloroethane	85	850	0.40 J	<.27	<.27	<.27	<.27	<.27	<.27	<.27
1,1-Dichloroethene	0.7	7	0.34 J	<.24	<.24	<.24	<.24	<.24	<.24	<.24
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<.28	<.28	<.28	<.28	<.28	<.28	<.28	<.28
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	5.7	<.27	<.27	<.27	<.27	<.27	<.27	<.27
cis-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<.33	<.33	<.33	<.33	<.33	<.33	<.33	<.33
trans-1,2-Dichloroethene	20	100	<.1.1	<.1.1	<.1.1	<.1.1	<.1.1	<.46	<.46	<.46
trans-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	46.7	<.26	2.2	<.26	<.26	<.26	<.26	<.26
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<.17	<.17	<.17	<.17	<.17	<.17	<.17	<.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-11																	
			PAL	ES	12/23/1991*	1/28/1992*	10/13/1992*	4/10/1996*	4/2/1998*	11/11/1998*	6/1/2015*	11/29/2017	3/15/2018	7/12/2018	10/3/2018	12/13/2018	3/28/2019	6/25/2019	9/13/2019	12/13/2019	4/14/2020	6/23/2020
1,1,1-Trichloroethane	40	200	56	180	230	200	57	110	13.5	36.5	20.5	9.7	9.2	12.9	8.8	9.5	18.2	10.8	8.2	4.8	4	
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<0.28	<0.28	<1.1	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<0.99	<0.99	<0.99	<0.55	<0.55	<2.2	<1.4	<1.4	<1.4	<1.4	<1.4	<0.55	
1,1-Dichloroethane	85	850	ND	ND	22	29	8.8	20	14	18.5	10.5	5.6	4.3	6.1	5.0	5.1	9.6	6.9	4.9	2.2J	2.5	
1,1-Dichloroethene	0.7	7	1.2	260	67	32	7.0	16	8.9 J	4.6 J	5.0	2.2 J	2.0	3.3	1.9 J	2.0 J	3.8	1.9 J	3.3	0.76J	0.96J	
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	ND	ND	ND	<11.0	<11.0	<11.0	<0.95	<0.95	<3.8	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.71	<0.71	<2.8	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<0.84	<0.84	<0.84	<0.28	<0.28	<1.1	<0.70	<0.70	<0.70	<0.70	<0.70	<0.28	
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<0.28	<0.28	<1.1	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.63	<0.63	<2.5	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.94	<0.94	<3.8	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	ND	ND	<5.0	<2.5	<2.5	<2.5	<0.36	<0.36	<1.5	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.17	<0.17	<0.66	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.71	<0.71	<2.8	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	ND	<1.9	<1.9	<1.9	<1.3	<1.3	<5.4	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	ND	ND	ND	ND	ND	ND	ND	<12.5	<12.5	<12.5	<1.3	<1.3	<5.1	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	ND	ND	ND	ND	ND	ND	<5.0	<2.5	<2.5	<2.5	<2.2	<2.2	<8.8	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	12	64	280	180	36	110	46.5	46.9	22.4	10.7	10.9	15.1	9.5	15.5	25.1	12.3	10.6	9	10.9	
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.6	<3.6	<14.5	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	ND	ND	ND	ND	ND	ND	<5.0	<2.5	<2.5	<2.5	<2.6	<2.6	<10.4	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<0.50	<0.50	<2.0	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	ND	ND	ND	<10.5	<10.5	<10.5	<1.2	<1.2	<4.7	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	ND	ND	17 B	ND	3.1 QB	25 B	ND	<1.2	<1.2	<1.2	<0.58	<0.58	<2.3	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.33	<0.33	<1.3	<0.82	<0.82	<0.82	<0.82	<0.82	<0.33	
trans-1,2-Dichloroethene	20	100	ND	ND	ND	ND	ND	ND	<2.6	2.3 J	<1.3	<1.3	<1.1	<1.1	<4.4	<2.7	<2.7	<2.7	<1.2	<1.2	0.56J	
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<4.4	<4.4	<17.5	NA	NA	NA	NA	NA	NA	
Trichloroethane	0.5	5	110	360	560	1,700	550	1,200	659	683	403	222	203	288	220	258	437	275	235	132	137	
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	<0.92	<0.92	<0.92	<0.21	<0.21	<0.86	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	ND	ND	ND	<0.88	<0.88	<0.88	<0.17	<0.17	<0.70	<0.44	<0.44	<0.44	<0.44	<0.44	<0.17	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
 Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-13																	
			PAL	ES	12/23/1991*	1/28/1992*	10/14/1992*	4/11/1996*	4/2/1998*	6/5/2015*	9/20/2016*	11/29/2017	3/15/2018	7/12/2018	10/3/2018	12/13/2018	4/4/2019	6/25/2019	9/13/2019	12/13/2019	4/14/2020	6/26/2020
1,1,1-Trichloroethane	40	200	100	300	300	420	53	14.8	13.4	41	23.1	10.4	9.6	17.2	15.6	17.7	28.4	16.9	14.7	17.2	32.8	
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<1.4	<0.69	<1.4	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<0.99	<0.99	<0.99	<2.8	<1.4	<2.8	<0.55	<1.4	<2.8	<1.1	<5.5	<2.2	
1,1-Dichloroethane	85	850	ND	ND	ND	37	8.7	18.3	10.7	26.2	13.6	6.9	6.9	36.1	8.9	10.5	17	14.8	9.1	35	34	
1,1-Dichloroethene	0.7	7	3.5	66	ND	58	5.8	9.5 J	4.3	9.6	6.6	2.5 J	2.8 J	17.6	2.9 J	5.0	8	2.3 J	4.2	5.7J	15.2	
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	ND	ND	ND	<11.0	<11.0	<11.0	<4.8	<2.4	<4.8	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.5	<1.8	<3.5	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<0.84	<0.84	<0.84	<1.4	<0.70	<1.4	<0.28	<0.70	<1.4	<0.56	<2.8	<1.1	
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<1.4	<0.71	<1.4	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.1	<1.6	<3.1	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<4.7	<2.4	<4.7	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	ND	<5.0	<1.2	<2.5	<2.5	<2.5	<1.8	<0.91	<1.8	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.83	<0.41	<0.83	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.6	<1.8	<3.6	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	ND	<1.9	<1.9	<1.9	<1.9	<3.4	<6.7	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	ND	ND	ND	ND	ND	ND	ND	<12.5	<12.5	<12.5	<6.4	<3.2	<6.4	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	ND	ND	ND	ND	ND	<2.0	<1.2	<2.5	<2.5	<2.5	<10.9	<5.5	<10.9	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	53	240	ND	300	66	81.4	30.2	68.7	52	5.3	5.6	51.3	32	49.5	44.1	35.6	33.9	78.5	49.5	
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<18.1	<9.1	<18.1	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	ND	ND	ND	ND	ND	<5.0	<1.2	<2.5	<2.5	<2.5	<13.0	<6.5	<13.0	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<2.5	<1.2	<2.5	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	ND	ND	ND	<10.5	<10.5	<10.5	<5.9	<3.0	<5.9	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	ND	ND	240 B	ND	1.3 QB	ND	ND	<1.2	<1.2	<1.2	<2.9	<1.5	<2.9	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	ND	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<1.6	<0.82	<1.6	<0.33	<0.82	<1.6	<0.65	<3.3	<1.3	
trans-1,2-Dichloroethene	20	100	ND	ND	58 J	ND	3.0 Q	4.2 J	2.0 J	4.0 J	2.5 J	<1.3	<5.5	3.3 J	<5.5	2.0 J	<2.7	<5.5	2.0 J	5.2J	3.5J	
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<21.9	<10.9	<21.9	NA	NA	NA	NA	NA	NA	
Trichloroethane	0.5	5	180	410	1,100	2,500	390	655	315	935	416	241	231	1,010	374	387	565	413	370	1090	1740	
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	<0.92	<0.92	<0.92	<1.1	<0.54	<1.1	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	0.40 Q	<1.8	<0.44	<0.88	<0.88	<0.88	<0.87	<0.44	<0.87	<0.17	<0.44	<0.87	<0.35	<1.7	<0.70	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
 Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-24													
			PAL	ES	12/16/1992*	6/5/2015*	11/29/2017	3/15/2018	7/12/2018	10/3/2018	12/13/2018	3/27/2019	6/25/2019	9/13/2019	12/11/2019	3/14/2020	6/24/2020	9/22/2020
1,1,1-Trichloroethane	40	200	ND	111	87.7	174	213	44.4	65.1	124	221	109	121	166	9.1	2.4		
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	<2.5	<2.5	<5.0	<5.5	<2.8	<13.8	NA	NA	NA	NA	NA	NA		
1,1,2-Trichloroethane	0.5	5	ND	ND	<2.0	<2.0	<3.9	<11.0	<5.5	<27.6	<27.6	<5.5	<13.8	<13.8	<1.4	<0.55		
1,1-Dichloroethane	85	850	ND	102	39.6	79.2	95.2	26.4	31.5	65	88.2	37.4	47.2	72.7	3.2	0.75J		
1,1-Dichloroethene	0.7	7	ND	74.8	27.9	51.7	47	9.7 J	11	33.1 J	60.9	25.5	17.3 J	34.4	1.8J	0.35J		
1,2,4-Trichlorobenzene	14	70	ND	ND	<22.1	<22.1	<44.2	<19.0	<9.5	<47.6	NA	NA	NA	NA	NA	NA		
1,2-Dichlorobenzene	60	600	ND	ND	<5.0	<5.0	<10.0	<14.1	<7.1	<35.3	NA	NA	NA	NA	NA	NA		
1,2-Dichloroethane	0.5	5	ND	ND	<1.7	<1.7	<3.4	<5.6	<2.8	<14.0	<14.0	<2.8	<7.0	<7.0	<0.70	<0.28		
1,2-Dichloropropane	0.5	5	ND	ND	<2.3	<2.3	<4.7	<5.7	<2.8	<14.1	NA	NA	NA	NA	NA	NA		
1,3-Dichlorobenzene	120	600	ND	ND	<5.0	<5.0	<10.0	<12.6	<6.3	<31.4	NA	NA	NA	NA	NA	NA		
1,4-Dichlorobenzene	15	75	ND	ND	<5.0	<5.0	<10.0	<18.9	<9.4	<47.2	NA	NA	NA	NA	NA	NA		
Bromodichloromethane	0.06	0.6	ND	<25.0	<5.0	<5.0	<10.0	<7.3	<3.6	<18.2	NA	NA	NA	NA	NA	NA		
Carbon tetrachloride	0.5	5	ND	ND	<5.0	<5.0	<10.0	<3.3	<1.7	<8.3	NA	NA	NA	NA	NA	NA		
Chlorobenzene	NS	NS	ND	ND	<5.0	<5.0	<10.0	<14.2	<7.1	<35.5	NA	NA	NA	NA	NA	NA		
Chloroethane	80	400	ND	ND	<3.7	<3.7	<7.5	<26.8	<13.4	<67.1	NA	NA	NA	NA	NA	NA		
Chloroform	0.6	6	ND	ND	<25.0	<25.0	<50.0	<25.5	<12.7	<63.7	NA	NA	NA	NA	NA	NA		
Chloromethane	3	30	ND	<25.0	<5.0	<5.0	<10.0	<43.8	<21.9	<109	NA	NA	NA	NA	NA	NA		
cis-1,2-Dichloroethene	7	70	ND	59.2	31.7	54.3	54.9	49	45.6	34.8 J	46.9 J	13.8	23.4 J	45.2	6	4.1		
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	<5.0	<5.0	<10.0	<7.6	<3.6	<36.3	<18.1	NA	NA	NA	NA	NA		
Dibromochloromethane	6	60	ND	<25.0	<5.0	<5.0	<10.0	<52.0	<26.0	<130	NA	NA	NA	NA	NA	NA		
Dichlorodifluoromethane	200	1,000	ND	ND	<2.2	<2.2	<4.5	<10	<5.0	<25.0	NA	NA	NA	NA	NA	NA		
Hexachloro-1,3-butadiene	NS	NS	ND	ND	<21.1	<21.1	<42.1	<23.6	<11.8	<59.1	NA	NA	NA	NA	NA	NA		
Methylene Chloride	0.5	5	7.6 B	ND	<2.3	<2.3	<4.7	<11.6	<5.8	<29.0	NA	NA	NA	NA	NA	NA		
Tetrachloroethene	0.5	5	ND	ND	<5.0	<5.0	<10.0	<6.5	<3.3	<16.3	<16.3	<3.3	<8.2	<8.2	<0.82	<0.33		
trans-1,2-Dichloroethane	20	100	ND	<12.8	<2.6	<2.6	<5.1	<21.8	<10.9	<54.5	<54.5	<10.9	<27.3	<11.6	<1.2	<0.46		
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	<2.3	<2.3	<4.6	<8.7	<4.3	<21.9	NA	NA	NA	NA	NA	NA		
Trichloroethene	0.5	5	27	5,000	1,280	2,850	3,340	866	1,170	2,490	3,710	996	1,720	3,490	175	56.2		
Trichlorofluoromethane	NS	NS	ND	ND	<1.8	<1.8	<3.7	<4.3	<2.1	<10.7	NA	NA	NA	NA	NA	NA		
Vinyl chloride	0.02	0.2	ND	ND	<1.8	<1.8	<3.5	<3.5	<1.7	<8.7	<8.7	<1.7	<4.4	<4.4	<0.44	<0.17		

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification
 ES - Enforcement Standard NA - Not Analyzed Underlined - Exceeds PAL
 NS - No Standard ND - Not Detected Bold - Exceeds ES
 * - Sample collected by others

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-24D											
			PAL	ES	11/29/2017	3/15/2018	7/12/2018	10/3/2018	12/13/2018	3/27/2019	6/25/2019	9/13/2019	12/11/2019	4/14/2020	6/24/2020	9/22/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	0.29 J	0.33 J	<0.24	<0.24	<0.24	0.57J		
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA		
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55		
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	1.7		
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.95J		
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA		
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA		
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28		
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA		
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA		
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA		
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA		
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA		
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA		
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA		
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA		
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA		
cis-1,2-Dichloroethene	7	70	2.4	4.3	6.7	<0.27	8.4	7.4	6.8	5.1	7.5	<0.27	0.80J	8.6		
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA		
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA		
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA		
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA		
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA		
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
trans-1,2-Dichloroethane	20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	0.53J		
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA		
Trichloroethene	0.5	5	2.2	5.0	4.1	<0.26	3.0	3.1	1.9	1.7	2	1	2.8	8.4		
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA		
Vinyl chloride	0.02	0.2	<0.18	0.60 J	<0.18	<0.17	0.44 J	<0.17	<0.17	<0.17	0.28 J	<0.17	<0.17	0.34J		

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification
 ES - Enforcement Standard NA - Not Analyzed Underlined - Exceeds PAL
 NS - No Standard ND - Not Detected Bold - Exceeds ES
 * - Sample collected by others

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-25											
			PAL	ES	11/27/2017	3/13/2018	7/10/2018	10/2/2018	12/12/2018	3/26/2019	6/24/2019	9/10/2019	12/11/2019	4/15/2020	6/26/2020	9/24/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<u>0.83 J</u>	0.45 J	<0.33	<0.26	0.26 J	<u>1.2</u>	0.32 J	<0.26	<0.26	0.40 J	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
 Underlined - Exceeds PAL
 Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-26								
			PAL	ES	7/10/2018	10/2/2018	12/12/2018	3/26/2019	6/24/2019	9/10/2019	12/11/2019	3/24/2020	6/30/2020
1,1,1-Trichloroethane	40	200	0.60 J	0.36 J	1.5	4.1	1.6	0.96 J	2	2.1	0.76J	0.48J	
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	0.29 J	<0.27	1.1	3.0	1.3	0.97 J	1.9	1.5	0.74J	0.69J	
1,1-Dichloroethene	0.7	7	<0.41	<0.24	0.35 J	1.1	<0.24	<0.24	0.55 J	0.28 J	<0.24	<0.24	
1,2,4-Trichlorobenzene	14	70	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.26	0.45 J	2.1	5.8	2.1	5.2	3.3	6.3	3.5	6.1	
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<u>16.3</u>	<u>12.7</u>	<u>34.1</u>	<u>104</u>	<u>50.1</u>	<u>34.9</u>	<u>52.6</u>	<u>51.5</u>	<u>27.2</u>	<u>15.5</u>	
Trichlorofluoromethane	NS	NS	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	0.44J	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
 Underlined - Exceeds PAL
 Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-27												
			PAL	ES	11/28/2017	3/13/2018	7/11/2018	10/2/2018	12/11/2018	3/27/2019	6/20/2019	9/10/2019	12/10/2019	3/23/2020	6/26/2020	9/25/2020	
	1,1,1-Trichloroethane		40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	1,1-Dichloroethane		85	850	1.3	2.5	0.56 J	<0.27	<0.27	<0.27	0.29 J	0.63 J	0.77 J	<0.27	<0.27	<0.27	0.60 J
	1,1-Dichloroethene		0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,2,4-Trichlorobenzene		14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
	1,2-Dichloropropane		0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	19.5	7.7	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
	cis-1,3-Dichloropropene		0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	trans-1,2-Dichloroethane		20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	NA	<0.46	<0.46
	trans-1,3-Dichloropropene		0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	<0.46	NA	NA
	Trichloroethene		0.5	5	<0.33	<u>0.64 J</u>	<u>0.64 J</u>	<0.26	<0.26	1.8	<0.26	<0.26	0.26 J	<0.26	<0.26	<0.26	<0.26
	Trichlorofluoromethane		NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	<0.18	<u>10.9</u>	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-28												
			PAL	ES	12/7/2017	3/15/2018	7/12/2018	10/3/2018	12/13/2018	3/27/2019	6/25/2019	9/13/2019	12/10/2019	3/23/2020	6/26/2020	9/25/2020	
	1,1,1-Trichloroethane		40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	NA	NA	NA	NA	NA
	1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA
	1,1-Dichloroethane		85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	NA	NA	NA	NA	NA
	1,1-Dichloroethene		0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	NA	NA	NA	NA	NA
	1,2,4-Trichlorobenzene		14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA
	1,2-Dichloropropane		0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	0.28 J	1.4	0.44 J	<0.27	<0.27	<0.27	<0.27	<0.27	NA	NA	NA	NA	NA
	cis-1,3-Dichloropropene		0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA	NA	NA	NA
	trans-1,2-Dichloroethane		20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	NA	NA	NA	NA	NA
	trans-1,3-Dichloropropene		0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	<u>0.55 J</u>	<u>0.84 J</u>	<u>0.69 J</u>	<0.26	0.28 J	1.9	0.38 J	0.31 J	NA	NA	NA	NA	NA
	Trichlorofluoromethane		NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-29											
			PAL	ES	11/28/2017	3/13/2018	7/11/2018	9/28/2019	12/11/2018	3/25/2019	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020	9/24/2020
	1,1,1-Trichloroethane		40	200	30.4	31.4	33.3	31.7	21	23.2	21.5	30.7	27.8	25.7	<0.24	21
	1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.25	<0.50	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<0.20	<0.20	<0.39	<1.1	<1.1	<1.1	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55
	1,1-Dichloroethane		85	850	12.4	14.4	12.6	11	8.9	8.6	8.7	9	10.1	9.2	<0.27	7.3
	1,1-Dichloroethene		0.7	7	4.0	5.2	3.9	3.2	2.5	3.2	2.7	0.82 J	3.2	3.3	<0.24	1.8
	1,2,4-Trichlorobenzene		14	70	<2.2	<2.2	<4.4	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<0.50	<0.50	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	<0.17	<0.17	<0.34	<0.56	<0.56	<0.56	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28
	1,2-Dichloropropane		0.5	5	<0.23	<0.23	<0.47	<0.57	<0.57	<0.57	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<0.50	<0.50	<1.0	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<0.50	<0.50	<1.0	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.50	<0.50	<1.0	<0.73	<0.73	<0.73	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<0.50	<0.50	<1.0	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<0.50	<0.50	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<0.37	<0.37	<0.75	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.50	<0.50	<1.0	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	14.1	10.8	8.4	9.0	6.4	8.0	7.0	6.0	8.0	9.1	<0.27	6.9
	cis-1,3-Dichloropropene		0.04	0.4	<0.50	<0.50	<1.0	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.50	<0.50	<1.0	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<0.22	<0.22	<0.45	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<2.1	<2.1	<4.2	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<0.23	<0.23	<0.47	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<0.50	<0.50	<1.0	<0.65	<0.65	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	trans-1,2-Dichloroethene		20	100	0.34 J	0.31 J	<0.51	<2.2	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<0.46	<0.46
	trans-1,3-Dichloropropene		0.04	0.4	<0.23	<0.23	<0.46	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	255	220	233	220	182	158	156	207	195	160	<0.26	139
	Trichlorofluoromethane		NS	NS	<0.18	<0.18	<0.37	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	<0.18	<0.18	<0.35	<0.35	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-29D											
			PAL	ES	11/28/2017	3/13/2018	7/11/2018	9/28/2018	12/11/2018	3/25/2019	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020	9/24/2020
	1,1,1-Trichloroethane		40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	22.8	<0.24
	1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	1,1-Dichloroethane		85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	7.6	<0.27
	1,1-Dichloroethene		0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	2.9	<0.24
	1,2,4-Trichlorobenzene		14	70	<2.2	<0.50	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
	1,2-Dichloropropane		0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	6.9	<0.27
	cis-1,3-Dichloropropene		0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	trans-1,2-Dichloroethene		20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46
	trans-1,3-Dichloropropene		0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<0.26	<0.26	0.63 J	<0.26	157	<0.26
	Trichlorofluoromethane		NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-30											
			PAL	ES	11/28/2017	3/15/2018	7/12/2018	10/4/2018	12/14/2018	3/29/2019	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/24/2020	9/23/2020
	1,1,1-Trichloroethane		40	200	462	383	448	328	350	299	274	244	247	291	33.1	27.6
	1,1,2,2-Tetrachloroethane		0.02	0.2	<24.9	<12.5	<12.5	<13.8	<13.8	<13.8	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<19.7	<9.9	<9.9	<27.6	<27.6	<27.6	<27.6	<27.6	<27.6	<27.6	<5.5	<5.5
	1,1-Dichloroethane		85	850	216	160	168	114	129	124	91.4	64	113	99.8	12.1	11.1
	1,1-Dichloroethene		0.7	7	125	110	113	73.6	93	62.9	69.1	56.9	62.2	71.8	<2.4	<2.4
	1,2,4-Trichlorobenzene		14	70	<221	<110	<110	<47.6	<47.6	<47.6	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<50.0	<25.0	<25.0	<35.3	<35.3	<35.3	NA	NA	NA	NA	NA	NA
	1,2-Dichloropropane		0.5	5	<16.8	<8.4	<8.4	<14.0	<14.0	<14.0	<14.0	<14.0	<14.0	<14.0	<2.8	<2.8
	1,2-Dichloroethene		0.5	5	<23.3	<11.7	<11.7	<14.1	<14.1	<14.1	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<50.0	<25.0	<25.0	<31.4	<31.4	<31.4	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<50.0	<25.0	<25.0	<47.2	<47.2	<47.2	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<50.0	<25.0	<25.0	<18.2	<18.2	<18.2	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<50.0	<25.0	<25.0	<8.3	<8.3	<8.3	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<50.0	<25.0	<25.0	<35.5	<35.5	<35.5	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<37.5	<18.7	<18.7	<67.1	<67.1	<67.1	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<250	<125	<125	<63.7	<63.7	<63.7	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<50.0	<25.0	<25.0	<109	<109	<109	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	32.1 J	36.2 J	39.8 J	28.7 J	32.1 J	35.1 J	42.7 J	<13.6	27.6 J	42.6 J	22.5	29.9
	cis-1,3-Dichloropropene		0.04	0.4	<50.0	<25.0	<25.0	<181	<181	<181	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<50.0	<25.0	<25.0	<130	<130	<130	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<22.4	<11.2	<11.2	<25.0	<25.0	<25.0	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<211	<105	<105	<59.1	<59.1	<59.1	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<23.3	<11.6	<11.6	<29.0	<29.0	<29.0	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<50.0	<25.0	<25.0	<16.3	<16.3	<16.3	<16.3	<16.3	<16.3	<16.3	<3.3	<3.3
	trans-1,2-Dichloroethene		20	100	<25.7	<12.8	<12.8	<54.5	<54.5	<54.5	<54.5	<54.5	<54.5	<23.2	<4.6	5.5J
	trans-1,3-Dichloropropene		0.04	0.4	<23.0	<11.5	<11.5	<219	<219	<219	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	5,600	5,010	5,200	3,940	4,510	3,990	3,550	2,940	3,380	4,280	465	490
	Trichlorofluoromethane		NS	NS	<18.5	<9.2	<9.2	<10.7	<10.7	<10.7	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	<17.6	<8.8	<8.8	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<1.7	<1.7

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-31											
			PAL	ES	11/30/2017	3/14/2018	7/12/2018	10/4/2018	12/14/2018	3/28/2019	6/25/2019	9/31/2019	12/12/2019	4/15/2020	6/23/2020	9/23/2020
	1,1,1-Trichloroethane		40	200	<0.50	<0.50	<0.50	<0.24	0.37 J	0.30 J	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
	1,1,2-Trichloroethane		0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	1,1-Dichloroethane		85	850	0.31 J	<0.24	0.34 J	0.28 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
	1,1-Dichloroethene		0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
	1,2,4-Trichlorobenzene		14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene		60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
	1,2-Dichloroethane		0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
	1,2-Dichloropropane		0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
	1,3-Dichlorobenzene		120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA
	1,4-Dichlorobenzene		15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA
	Bromodichloromethane		0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA
	Carbon tetrachloride		0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA
	Chlorobenzene		NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
	Chloroethane		80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	Chloroform		0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
	Chloromethane		3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA
	cis-1,2-Dichloroethene		7	70	2.6	0.91 J	0.73 J	1.1	0.28 J	<0.27	0.30 J	0.31 J	<0.27	<0.27	0.38J	0.67J
	cis-1,3-Dichloropropene		0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA
	Dibromochloromethane		6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA
	Dichlorodifluoromethane		200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	Hexachloro-1,3-butadiene		NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
	Methylene Chloride		0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA
	Tetrachloroethene		0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	trans-1,2-Dichloroethene		20	100	2.6	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46
	trans-1,3-Dichloropropene		0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
	Trichloroethene		0.5	5	2.2	1.6	1.5	1.2	1.9	1.6	1.8	1.6	1.3	1.0	0.83J	1.1
	Trichlorofluoromethane		NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA
	Vinyl chloride		0.02	0.2	0.49 J	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-32											
			PAL	ES	12/7/2017	3/14/2018	7/12/2018	10/4/2018	12/14/2018	3/28/2019	6/26/2019	9/16/2019	12/12/2019	4/15/2020	6/24/2020	9/23/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethane	0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	3.9	4.1	3.5	5.1	12.4	2.6	2.8	1.6	3.1	4.2	4.8	6.2	6.2	6.2
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<1.1	2.0 J	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.26	0.68 J	0.50 J	0.53 J	0.41 J	0.32 J	0.32 J	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	0.22 J	0.22 J	0.27 J	<0.17	0.64 J	0.23 J	<0.17	<0.17	0.54 J	<0.17	0.20 J	0.35 J	0.35 J	0.35 J

Notes: Results are in µg/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-33											
			PAL	ES	11/28/2017	3/14/2018	7/12/2018	10/4/2018	3/28/2019	7/1/2019	9/16/2019	12/12/2019	4/15/2020	6/24/2020	9/23/2020	
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethane	0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	2.7	2.2	4.5	11.2	7.5	6.6	5.1	4.6	2.6	4.4	5.4	5.4	5.4	5.4
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<1.1	5.1	4.3	7.3	8.3	1.3 J	3.1	6.7	6.7	6.7	6.7
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	8.6	10.3	13.6	2.6	0.32 J	0.55 J	<0.26	1.5	7.4	6.2	0.33 J	0.33 J	0.33 J	0.33 J
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.18	0.37 J	0.34 J	0.80 J	1.2	0.63 J	0.36 J	<0.17	0.21 J	0.58 J	0.58 J	0.58 J	0.58 J

Notes: Results are in µg/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-34											
			PAL	ES	12/7/2017	3/14/2018	7/12/2018	10/3/2018	12/12/2018	3/27/2019	6/25/2019	9/13/2019	12/12/2019	4/14/2020	6/24/2020	9/23/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.50	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<0.28	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethane	0.7	7	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethane	7	70	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<2.6	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethane	20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<u>0.68 J</u>	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L. PAL - Preventative Action Limit ES - Enforcement Standard NS - No Standard * - Sample collected by others B - Analyte detected in Method or Trip Blank J or Q - Estimated concentration between the Limits of Detection and Quantification NA - Not Analyzed ND - Not Detected Underlined - Exceeds PAL Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-35										
			PAL	ES	11/28/2017	3/13/2018	7/10/2018	9/27/2018	12/10/2018	3/25/2019	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020
1,1,1-Trichloroethane	40	200	<u>42.3</u>	<u>38.5</u>	<u>53.8</u>	32.2	18.3	36.4	30.3	47.9	<u>56.1</u>	31.8	<u>59.6</u>	<u>48.4</u>	
1,1,2,2-Tetrachloroethane	0.02	0.2	<1.2	<1.2	<0.62	<0.69	<0.69	<0.69	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<0.99	<0.99	<0.49	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	
1,1-Dichloroethane	85	850	21.9	17.2	20.9	14.1	8.7	12.9	14.4	15.2	18.4	13.4	19.9	16.9	
1,1-Dichloroethane	0.7	7	<u>8.0</u>	<u>6.3</u>	<u>6.4</u>	4.4	<u>2.9</u>	9.0	5.5	6.4	5.8	5.7	6.8	5.8	
1,2,4-Trichlorobenzene	14	70	<11.0	<11.0	<5.5	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<2.5	<2.5	<1.2	<1.8	<1.8	<1.8	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.84	<0.84	<0.42	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	
1,2-Dichloropropane	0.5	5	<1.2	<1.2	<0.58	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<2.5	<2.5	<1.2	<1.6	<1.6	<1.6	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<2.5	<2.5	<1.2	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<2.5	<2.5	<1.2	<0.91	<0.91	<0.91	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<2.5	<2.5	<1.2	<0.41	<0.41	<0.41	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<2.5	<2.5	<1.2	<1.8	<1.8	<1.8	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<1.9	<1.9	<0.94	<3.4	<3.4	<3.4	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<12.5	<12.5	<6.2	<3.2	<3.2	<3.2	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<2.5	<2.5	<1.2	<5.5	<5.5	<5.5	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethane	7	70	<u>9.8</u>	<u>8.2</u>	<u>8.0</u>	<u>9.2</u>	<u>8.8</u>	<u>10.3</u>	<u>12.2</u>	<u>11.6</u>	<u>8.5</u>	<u>11.5</u>	<u>10.3</u>	<u>7.7</u>	
cis-1,3-Dichloropropene	0.04	0.4	<2.5	<2.5	<1.2	<9.1	<9.1	<9.1	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<2.5	<2.5	<1.2	<6.5	<6.5	<6.5	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<1.1	<1.1	<0.56	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<10.5	<10.5	<5.3	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<1.2	<1.2	<0.58	<1.5	<1.5	<1.5	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<2.5	<2.5	<1.2	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	
trans-1,2-Dichloroethane	20	100	<1.3	<1.3	<0.64	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<1.2	<1.2	
trans-1,3-Dichloropropene	0.04	0.4	<1.1	<1.1	<0.57	<10.9	<10.9	<10.9	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	<u>405</u>	<u>307</u>	<u>340</u>	<u>275</u>	<u>222</u>	<u>277</u>	<u>311</u>	<u>372</u>	<u>409</u>	<u>243</u>	<u>405</u>	<u>351</u>	
Trichlorofluoromethane	NS	NS	<0.92	<0.92	<0.46	<0.54	<0.54	<0.54	<0.54	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	<0.88	<0.88	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	

Notes: Results are in ug/L. PAL - Preventative Action Limit ES - Enforcement Standard NS - No Standard * - Sample collected by others B - Analyte detected in Method or Trip Blank J or Q - Estimated concentration between the Limits of Detection and Quantification NA - Not Analyzed ND - Not Detected Underlined - Exceeds PAL Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-36										
			PAL	ES	11/27/2017	3/13/2018	7/9/2018	10/2/2018	12/12/2018	3/26/2019	6/20/2019	9/9/2019	12/9/2019	3/20/2020	6/30/2020
1,1,1-Trichloroethane	40	200	45.1	20.3	2.6	5.9	2.0	0.55 J	<0.24	8.8	54	26.1	12.9	13.7	
1,1,2,2-Tetrachloroethane	0.02	0.2	<1.2	<0.25	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<0.99	<0.20	<0.20	<0.55	<0.55	<0.55	<0.55	<1.1	<1.1	<1.4	<0.55	<0.55	
1,1-Dichloroethane	85	850	21.3	8.3	1.2	2.1	1.1	0.35 J	<0.27	3.1	16.4	8.7	4.7	5.1	
1,1-Dichloroethene	0.7	7	<u>9.0</u>	<u>4.6</u>	0.58 J	1.0	0.27 J	<0.24	<0.24	<u>1.3 J</u>	<u>8.2</u>	<u>4.3</u>	<u>2.1</u>	<u>2.6</u>	
1,2,4-Trichlorobenzene	14	70	<11.0	<2.2	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<2.5	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.84	<0.17	<0.17	<0.28	<0.28	<0.28	<0.28	<0.56	<0.56	<0.70	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	<1.2	<0.23	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<2.5	<0.50	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<2.5	<0.50	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<2.5	<0.50	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<2.5	<0.50	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<2.5	<0.50	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<1.9	<0.37	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<12.5	<2.5	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<2.5	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	<u>9.8</u>	4.9	0.67 J	1.1	5.1	2.0	0.49 J	3	<u>8.9</u>	6.8	5.1	5.7	
cis-1,3-Dichloropropene	0.04	0.4	<2.5	<0.50	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<2.5	<0.50	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<1.1	<0.22	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<10.5	<2.1	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<1.2	<0.23	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<2.5	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.65	0.71 J	<0.82	<0.33	<0.33	
trans-1,2-Dichloroethene	20	100	<1.3	0.61 J	<0.26	<1.1	3.1 J	<1.1	<1.1	<2.2	<2.2	<2.7	0.52J	1.2J	
trans-1,3-Dichloropropene	0.04	0.4	<1.1	<0.23	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	<u>510</u>	<u>202</u>	<u>26.5</u>	<u>49.6</u>	<u>27</u>	<u>6.5</u>	<u>5.8</u>	<u>96.9</u>	<u>442</u>	<u>234</u>	<u>177</u>	<u>228</u>	
Trichlorofluoromethane	NS	NS	<0.92	<0.18	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	<0.88	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35	<0.44	<0.17	<0.17	

Notes: Results are in µg/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-37										
			PAL	ES	11/27/2017	3/13/2018	7/9/2018	10/2/2018	12/12/2018	3/26/2019	6/20/2019	9/9/2019	12/9/2019	3/20/2020	6/30/2020
1,1,1-Trichloroethane	40	200	<0.18	27.8	21.4	19.6	21.3	20.8	22.1	26.1	25.1	23.2	18.9	23.7	
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.50	<0.50	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<0.20	<0.39	<0.39	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	
1,1-Dichloroethane	85	850	13.5	11.7	9.3	7.6	7.4	7.7	8.4	9.1	9	8.3	6.8	8.7	
1,1-Dichloroethene	0.7	7	<u>2.9</u>	<u>2.6</u>	1.9 J	0.88 J	<u>2.8</u>	<u>2.0J</u>	<u>1.8 J</u>	<u>1.9 J</u>	<u>2.2</u>	<u>2.2</u>	<u>2.6</u>	<u>1.4J</u>	
1,2,4-Trichlorobenzene	14	70	<2.2	<4.4	<4.4	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<0.50	<1.0	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.17	<0.34	<0.34	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	
1,2-Dichloropropane	0.5	5	<0.23	<0.47	<0.47	<0.57	<0.57	<0.57	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<0.50	<1.0	<1.0	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<0.50	<1.0	<1.0	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<0.50	<1.0	<1.0	<0.73	<0.73	<0.73	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<0.50	<1.0	<1.0	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<0.50	<1.0	<1.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<0.37	<0.75	<0.75	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<2.5	<5.0	<5.0	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<0.50	<1.0	<1.0	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	4.2	4.6	3.8	3.3	6.0	3.0	3.6	4.4	3.5	3.6	2.9	3.5	
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<1.0	<1.0	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<0.50	<1.0	<1.0	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<0.22	<0.45	<0.45	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<2.1	<4.2	<4.2	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<0.23	<0.47	<0.47	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<0.50	<1.0	<1.0	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	
trans-1,2-Dichloroethene	20	100	0.88 J	1.1J	0.69J	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<0.93	<0.93	
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.46	<0.46	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	<u>205</u>	<u>191</u>	<u>145</u>	<u>133</u>	<u>176</u>	<u>145</u>	<u>142</u>	<u>183</u>	<u>165</u>	<u>134</u>	<u>130</u>	<u>160</u>	
Trichlorofluoromethane	NS	NS	<0.18	<0.37	<0.37	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	<0.18	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	

Notes: Results are in µg/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-38								
			PAL	ES	7/9/2018	10/2/2018	12/12/2018	3/26/2019	6/20/2019	9/8/2019	12/9/2019	4/14/2020	6/30/2020
1,1,1-Trichloroethane	40	200	6.6	1.2	9.0	2.6	<0.24	0.46 J	6.7	2.2	<0.24	2.7	
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	
1,1-Dichloroethane	85	850	3.5	2.3	4.5	2.6	<0.27	<0.27	2.8	1.1	<0.27	1.7	
1,1-Dichloroethane	0.7	7	1.1	0.42 J	1.4	0.79 J	<0.24	<0.24	0.74 J	0.42 J	<0.24	0.60 J	
1,2,4-Trichlorobenzene	14	70	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<1.3	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	6.7	22.5	9.9	12.6	<0.27	0.54 J	4.1	2.9	0.34 J	7.1	
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	
trans-1,2-Dichloroethene	20	100	0.51 J	<1.1	1.6 J	<1.1	<1.1	<1.1	1.5 J	0.53 J	<0.46	1.1 J	
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	65	15.5	143	36.5	<0.26	5.8	80.2	32.1	1.4	36.9	
Trichlorofluoromethane	NS	NS	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	2.0	6.9	0.61 J	4.6	<0.17	<0.17	<0.17	<0.17	<0.17	3.7	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-39								
			PAL	ES	7/10/2018	10/2/2018	12/11/2018	3/27/2019	6/20/2019	9/10/2019	12/10/2019	3/23/2020	6/26/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethane	0.7	7	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<1.3	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	0.28 J	0.37 J	<0.27	<0.27	<0.27	0.29 J	<0.27	<0.27	0.30 J	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.58	1.5 J	<0.58	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	2.2	2.9	2.3	3.6	2.3	3.9	1.7	1.4	2.3	3.3	3.3
Trichlorofluoromethane	NS	NS	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Date	WDNR NR 140 Standards		MW-40									
		PAL	ES	7/10/2018	9/28/2018	12/11/2018	3/25/2019	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020
1,1,1-Trichloroethane		40	200	23.5	26.7	26.8	29	26.6	29.2	29.6	24.3	27.3	21.2
1,1,2,2-Tetrachloroethane		0.02	0.2	<0.62	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		0.5	5	<0.49	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,1-Dichloroethane		85	850	9.6	9.1	7.5	9.4	8.7	8.3	9.1	8.5	8.2	7.1
1,1-Dichloroethene		0.7	7	<u>3.5</u>	<u>3.0</u>	<u>2.9</u>	<u>4.9</u>	<u>3.9</u>	<u>3.6</u>	<u>3.1</u>	<u>3.6</u>	<u>3.4</u>	<u>2.3</u>
1,2,4-Trichlorobenzene		14	70	<5.5	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		60	600	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		0.5	5	<0.42	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
1,2-Dichloropropane		0.5	5	<0.58	<0.57	<0.57	<0.57	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		120	600	<1.2	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		15	75	<1.2	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA
Bromodichloromethane		0.06	0.6	<1.2	<0.73	<0.73	<0.73	NA	NA	NA	NA	NA	NA
Carbon tetrachloride		0.5	5	<1.2	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA
Chlorobenzene		NS	NS	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA
Chloroethane		80	400	<0.94	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA
Chloroform		0.6	6	<6.2	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA
Chloromethane		3	30	<1.2	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene		7	70	6.8	6.8	5.7	6.1	6.5	6.1	6.5	5.7	6.5	3.7
cis-1,3-Dichloropropene		0.04	0.4	<1.2	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA
Dibromochloromethane		6	60	<1.2	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		200	1,000	<0.56	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene		NS	NS	<5.3	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA
Methylene Chloride		0.5	5	<0.58	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
Tetrachloroethene		0.5	5	<1.2	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65
trans-1,2-Dichloroethene		20	100	<0.64	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<0.93	<0.93
trans-1,3-Dichloropropene		0.04	0.4	<0.57	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA
Trichloroethene		0.5	5	<u>172</u>	<u>169</u>	<u>189</u>	<u>187</u>	<u>170</u>	<u>187</u>	<u>192</u>	<u>162</u>	<u>181</u>	<u>109</u>
Trichlorofluoromethane		NS	NS	<0.46	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA
Vinyl chloride		0.02	0.2	<0.44	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	Date	WDNR NR 140 Standards		MW-41									
		PAL	ES	7/10/2018	9/27/2018	12/11/2018	3/25/2019	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020	9/25/2020
1,1,1-Trichloroethane		40	200	8.9	22.7	25.6	25.1	39.9	48.2	38.5	29.7	36.6	35.5
1,1,2,2-Tetrachloroethane		0.02	0.2	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		0.5	5	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55
1,1-Dichloroethane		85	850	10.2	12.7	11.9	10	15.8	15.2	12.4	12.1	10.5	10.3
1,1-Dichloroethene		0.7	7	<u>1.6</u>	<u>1.8</u>	<u>2.3</u>	<u>3.0</u>	<u>5.6</u>	<u>5.4</u>	<u>4.1</u>	<u>4.8</u>	<u>3.7</u>	<u>3.4</u>
1,2,4-Trichlorobenzene		14	70	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		60	600	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		0.5	5	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.56	<0.28	<0.28
1,2-Dichloropropane		0.5	5	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		120	600	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		15	75	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA
Bromodichloromethane		0.06	0.6	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA
Carbon tetrachloride		0.5	5	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA
Chlorobenzene		NS	NS	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA
Chloroethane		80	400	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
Chloroform		0.6	6	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA
Chloromethane		3	30	0.88 J	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene		7	70	1.1	<u>14.6</u>	<u>12.3</u>	<u>8.0</u>	<u>16.3</u>	<u>18.7</u>	<u>8.6</u>	<u>7</u>	<u>9.1</u>	<u>5.8</u>
cis-1,3-Dichloropropene		0.04	0.4	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA
Dibromochloromethane		6	60	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		200	1,000	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene		NS	NS	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA
Methylene Chloride		0.5	5	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA
Tetrachloroethene		0.5	5	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.65	<0.33	<0.33
trans-1,2-Dichloroethene		20	100	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<0.46	<0.46
trans-1,3-Dichloropropene		0.04	0.4	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA
Trichloroethene		0.5	5	<u>78.9</u>	<u>119</u>	<u>152</u>	<u>144</u>	<u>241</u>	<u>250</u>	<u>235</u>	<u>169</u>	<u>225</u>	<u>218</u>
Trichlorofluoromethane		NS	NS	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA
Vinyl chloride		0.02	0.2	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	WDR NR 140 Standards	MW-42											
		Parameter	Date	PAL	ES	7/10/2018	9/28/2018	12/11/2018	3/25/2019	6/24/2019	9/11/2019	12/10/2019	3/18/2020
1,1,1-Trichloroethane	40	200	24.2	46	35.1	30.2	17.8	46.3	60.8	20	19.8	41.8	
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.62	<0.55	<0.55	<0.55	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	0.5	5	<0.49	<1.1	<1.1	<1.1	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	
1,1-Dichloroethane	85	850	7.9	13.8	10.1	8.6	4.3	9.9	17.3	6.8	4.1	10.3	
1,1-Dichloroethene	0.7	7	2.5	4.4	3.9	4.3	1.8	4.1	7.4	3	1.7	4.4	
1,2,4-Trichlorobenzene	14	70	<5.5	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.42	<0.56	<0.56	<0.56	<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	<0.58	<0.57	<0.57	<0.57	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<1.2	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<1.2	<1.9	<1.9	<1.9	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<1.2	<0.73	<0.73	<0.73	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<1.2	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<0.94	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<6.2	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<1.2	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	2.6	4.2	3.4	3.3	2.3	3.6	4.1	3	1.9	3.4	
cis-1,3-Dichloropropene	0.04	0.4	<1.2	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<1.2	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<0.56	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<5.3	<2.4	<2.4	<2.4	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<0.58	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<1.2	<0.65	<0.65	<0.65	<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	
trans-1,2-Dichloroethene	20	100	<2.2	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<2.2	<0.46	<0.46	
trans-1,3-Dichloropropene	0.04	0.4	<0.57	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	161	261	246	188	124	264	272	115	128	239	
Trichlorofluoromethane	NS	NS	<0.46	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	<0.44	<0.35	<0.35	0.38 J	0.38 J	0.27 J	0.44 J	0.74 J	<0.17	0.85J	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	WDR NR 140 Standards	MW-43												
		Parameter	Date	PAL	ES	7/12/2018	10/3/2018	12/13/2018	3/27/2019	6/25/2019	9/13/2019	12/12/2019	4/14/2020	6/24/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	0.29 J	0.38 J	0.38 J	<0.24	<0.24	0.37J
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	0.59 J	0.43 J	0.32 J	0.62 J	0.43 J	0.64 J	0.93 J	1.1	1.7	0.81J		
1,1-Dichloroethene	0.7	7	<0.41	0.24 J	<0.24	0.44 J	0.28 J	<0.24	0.42 J	0.55 J	1.3	0.54J		
1,2,4-Trichlorobenzene	14	70	<2.2	<0.95	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	60	600	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.17	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	<0.23	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	<0.50	<0.63	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	<0.50	<0.94	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	<0.50	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	<0.50	<0.17	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	<0.50	<0.71	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	<0.37	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	<2.5	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	15.6	16.2	10.7	12.5	16.7	13.6	14.7	18.3	43.5	16.3		
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	<0.50	<2.6	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	<0.22	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	<2.1	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	<0.23	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	
trans-1,2-Dichloroethene	20	100	0.45 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	0.77J	<0.46		
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<4.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	13.6	10.4	10.2	12.6	8.4	8.5	12.8	12.1	23.2	21.2		
Trichlorofluoromethane	NS	NS	<0.18	<0.21	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.02	0.2	1.4	1.4	0.98 J	1.6	2.7	2.3	1.7	1.4	2.1	1.5		

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others

B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	WDNR NR 140 Standards		MW-44									
	Parameter	Date	PAL	ES	12/12/2018	3/26/2019	6/24/2019	9/10/2019	12/12/2019	3/24/2020	6/30/2020	9/24/2020
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.28	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	0.27 J	0.75 J	0.36 J	0.26	<0.26	<0.26	<0.26	<0.26	0.60J	0.60J
Trichlorofluoromethane	NS	NS	<0.21	<0.21	NA	NA	NA	NA	NA	NA	NA	NA
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

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	WDNR NR 140 Standards		MW-45									
	Parameter	Date	PAL	ES	12/14/2018	3/26/2019	6/24/2019	9/11/2019	12/6/2019	3/23/2020	6/25/2020	9/23/2020
1,1,1-Trichloroethane	40	200	32.1	12.2	12.1	14.5	11.7	13.9	11	13	13	13
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.55	<0.55	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<1.1	<1.1	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	18.7	11.5	11.9	13.9	13.7	12.6	10.4	12.8	12.8	12.8
1,1-Dichloroethene	0.7	7	4.3	2.4	1.9 J	1.6	2.1	2.4	2.2	2	2	2
1,2,4-Trichlorobenzene	14	70	<1.9	<1.9	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.56	<0.56	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.57	<0.57	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<1.9	<1.9	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.73	<0.73	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<4.4	<4.4	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	5.9	5.7	5.7	6.4	6.4	8.3	8.1	43.8	43.8	43.8
cis-1,3-Dichloropropene	0.04	0.4	<7.3	<7.3	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<5.2	<5.2	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.4	<2.4	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.65	<0.65	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<1.1	<0.46	0.54J	0.54J
trans-1,3-Dichloropropene	0.04	0.4	<8.7	<8.7	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	241	125	144	179	177	156	153	143	143	143
Trichlorofluoromethane	NS	NS	<0.43	<0.43	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	WDNR NR 140 Standards	MW-46								MW-47						MW-48					
		PAL	ES	6/20/2019	9/10/2019	12/9/2019	3/23/2020	6/30/2020	9/28/2020	6/20/2019	9/9/2019	12/9/2019	3/23/2020	6/30/2020	9/24/2020	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020	9/25/2020
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<0.26	<0.26	<u>0.53 J</u>	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<u>0.80 J</u>	<0.26	<0.26	<0.26	<u>0.56 J</u>	1.1	<0.26	0.27 J	<0.26	<0.26
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
Underlined - Exceeds PAL
Bold - Exceeds ES

Well No.	WDNR NR 140 Standards	MW-49							MW-50						
		PAL	ES	6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020
1,1,1-Trichloroethane	40	200	5.6	30.6	6.1	3.6	15.6	27.3	0.69 J	23.1	5	9.5	2	91.6	
1,1,2,2-Tetrachloroethane	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	1.4	6.5	1.4	1.1	4.2	6.6	<0.27	9.6	1.7	<0.55	1	28.7	
1,1-Dichloroethene	0.7	7	<u>0.79 J</u>	3	<u>0.57 J</u>	<u>0.57 J</u>	1.8	2.3	<0.24	3.9	<u>0.67 J</u>	3.6	0.36 J	7.9	
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	NA	NA	
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene	7	70	<0.27	1.4	<0.27	<0.27	0.77 J	1.2	<0.27	1.4	<0.27	0.66 J	<0.27	5.2	
cis-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.49 J	
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	
trans-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	0.5	5	28.1	178	31.4	17.9	81.7	168	7.6	106	35.5	65	21.4	529	
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
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	

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
 NS - No Standard
 * - Sample collected by others
 B - Analyte detected in Method or Trip Blank
 J or Q - Estimated concentration between the Limits of Detection and Quantification
 NA - Not Analyzed
 ND - Not Detected
Underlined - Exceeds PAL
Bold - Exceeds ES

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

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-51					MW-52					MW-53						
			PAL	ES	6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	6/20/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	6/24/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.36 J	<0.24	0.58 J	<0.24	0.35J	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.39 J	<0.27	0.42 J	0.39 J	0.29J	0.31J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.32 J	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<u>5.5</u>	<u>4.9</u>	<u>7.3</u>	<u>3.8</u>	<u>4.3</u>	<u>3.3</u>	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

Well No.	Parameter	Date	WDNR NR 140 Standards		MW-54					MW-55					
			PAL	ES	6/20/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020	9/25/2020	6/20/2019	9/9/2019	12/9/2019	4/14/2020	6/30/2020
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.55	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.27	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.28	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.27	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	1.0	0.97 J	1.9	2.2	2	1.7	
cis-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	<u>0.58 J</u>	0.42 J	0.28 J	0.35 J	1.4	0.32J	<u>0.75 J</u>	<u>0.96 J</u>	1.4	<u>0.70 J</u>	<u>0.79J</u>	<u>0.83J</u>	
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<u>0.32 J</u>	<0.17	<u>0.26 J</u>	<0.17	<0.17	<u>0.24J</u>	

Notes: Results are in ug/L. B - Analyte detected in Method or Trip Blank Underlined - Exceeds PAL
 PAL - Preventative Action Limit J or Q - Estimated concentration between the Limits of Detection and Quantification Bold - Exceeds ES
 ES - Enforcement Standard NA - Not Analyzed
 NS - No Standard ND - Not Detected
 * - Sample collected by others

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	11/24/1998*	12/7/2017	3/12/2018	7/13/2018	10/5/2018	12/14/2018	3/27/2019	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/28/2020
1,1,1-Trichloroethane			270,000	2.00E+06	110	8.3	6.5	21.4	17.1	17.2	13.7	16	17.4	13.1	12.8	11.6	14.6
1,1-Dichloroethane			NS	NS	8.6	4.1	3.5	9.6	6.7	7.6	6.6	6.5	6.2	5.2	5	4.2	5.2
1,1-Dichloroethene			NS	NS	7.5	0.9	0.72 J	2.7	1.8	2.3	1.8	2.6	1.5	1.2	1.3	1.2	1.3
cis-1,2-Dichloroethene			14,000	56,000	15	2.9	2.4	6.6	5.2	6.5	6.0	6.7	4.1	9.9	4.6	5	4.7
trans-1,2-Dichloroethene			24,000	110,000	ND	0.26	<0.26	0.93 J	<1.1	<1.1	<1.1	1.1 J	<1.1	<1.1	<1.1	0.85J	0.48J
Trichloroethene			539	6,400	350	67.2	47.6	189	142	147	118	164	150	92.5	89.4	105	132

Sample Name	WDNR NR 140 Standards		Streamwater (SW)-Down													
	Parameter	Date	NPS-WW	NPS-LAL	12/7/2017	3/12/2018	7/13/2018	10/4/2018	12/14/2018	3/27/2019	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/28/2020
1,1,1-Trichloroethane			270,000	2.00E+06	0.99 J	<0.50	<0.50	0.41 J	0.69 J	0.75 J	0.25 J	0.52 J	0.67 J	0.74 J	0.60J	0.45J
1,1-Dichloroethane			NS	NS	0.51 J	<0.24	0.25 J	<0.27	0.46 J	0.41 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene			NS	NS	<0.41	<0.41	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene			14,000	56,000	0.59 J	0.45 J	0.27 J	<0.27	0.69 J	0.52 J	<0.27	<0.24	0.38 J	0.34 J	<0.27	0.29J
trans-1,2-Dichloroethene			24,000	110,000	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46
Trichloroethene			539	6,400	7.8	3.1	2.8	2.4	5.7	5.2	1.6	2.2	3.6	3.7	2.6	3.8

Sample Name	WDNR NR 140 Standards		Streamwater (SW)-Up											
	Parameter	Date	NPS-WW	NPS-LAL	7/13/2018	10/4/2018	12/14/2018	3/27/2019	6/21/2019	9/16/2019	12/9/2019	3/24/2020	6/29/2020	9/29/2020
1,1,1-Trichloroethane			270,000	2.00E+06	<0.50	<0.24	<0.24	<0.24	<0.24	<0.24	0.28 J	0.54 J	1	0.34J
1,1-Dichloroethane			NS	NS	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene			NS	NS	<0.41	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene			14,000	56,000	0.28 J	<0.27	0.33 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
trans-1,2-Dichloroethene			24,000	110,000	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46
Trichloroethene			539	6,400	0.48 J	<0.26	<0.26	<0.26	<0.26	<0.26	0.77 J	1.2	2.7	2.3

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
 * - Sample collected by others

ATTACHMENT 1
Analytical Data Packages

October 05, 2020

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

RE: Project: 11717 NAVISTAR
Pace Project No.: 40215579

Dear Rich Gnat:

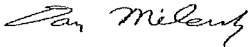
Enclosed are the analytical results for sample(s) received by the laboratory on September 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

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.: 40215579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40215579001	NMW-4	Water	09/21/20 14:50	09/30/20 09:35
40215579002	MW-24D	Water	09/22/20 08:18	09/30/20 09:35
40215579003	MW-24	Water	09/22/20 08:50	09/30/20 09:35
40215579004	MW-13	Water	09/22/20 09:31	09/30/20 09:35
40215579005	MW-11	Water	09/22/20 10:04	09/30/20 09:35
40215579006	NMW-9	Water	09/22/20 10:44	09/30/20 09:35
40215579007	MW-9D	Water	09/22/20 11:20	09/30/20 09:35
40215579008	MW-9D2	Water	09/22/20 11:54	09/30/20 09:35
40215579009	MW-15	Water	09/22/20 12:26	09/30/20 09:35
40215579010	NMW-8R	Water	09/22/20 13:14	09/30/20 09:35
40215579011	NMW-1	Water	09/22/20 13:51	09/30/20 09:35
40215579012	NMW-7	Water	09/22/20 14:26	09/30/20 09:35
40215579013	MW-23	Water	09/23/20 08:50	09/30/20 09:35
40215579014	MW-43	Water	09/23/20 09:27	09/30/20 09:35
40215579015	MW-34	Water	09/23/20 10:03	09/30/20 09:35
40215579016	MW-32	Water	09/23/20 10:41	09/30/20 09:35
40215579017	MW-33	Water	09/23/20 11:20	09/30/20 09:35
40215579018	MW-30	Water	09/23/20 11:56	09/30/20 09:35
40215579019	MW-31	Water	09/23/20 12:30	09/30/20 09:35
40215579020	MW-42	Water	09/23/20 13:09	09/30/20 09:35
40215579021	NMW-3R	Water	09/23/20 13:40	09/30/20 09:35
40215579022	MW-45	Water	09/23/20 14:10	09/30/20 09:35
40215579023	MW-44	Water	09/24/20 08:00	09/30/20 09:35
40215579024	MW-36	Water	09/24/20 08:31	09/30/20 09:35
40215579025	MW-37	Water	09/24/20 09:03	09/30/20 09:35
40215579026	MW-38	Water	09/24/20 09:37	09/30/20 09:35
40215579027	MW-55	Water	09/24/20 10:09	09/30/20 09:35
40215579028	MW-26	Water	09/24/20 10:50	09/30/20 09:35
40215579029	MW-47	Water	09/24/20 11:26	09/30/20 09:35
40215579030	MW-29	Water	09/24/20 12:05	09/30/20 09:35
40215579031	MW-29D	Water	09/24/20 12:33	09/30/20 09:35
40215579032	MW-53	Water	09/24/20 13:15	09/30/20 09:35
40215579033	MW-25	Water	09/24/20 13:53	09/30/20 09:35
40215579034	MW-39	Water	09/25/20 08:09	09/30/20 09:35
40215579035	MW-27	Water	09/25/20 08:45	09/30/20 09:35
40215579036	MW-54	Water	09/25/20 09:17	09/30/20 09:35
40215579037	MW-35	Water	09/25/20 09:59	09/30/20 09:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40215579038	MW-40	Water	09/25/20 10:37	09/30/20 09:35
40215579039	MW-48	Water	09/25/20 11:10	09/30/20 09:35
40215579040	MW-41	Water	09/25/20 11:40	09/30/20 09:35
40215579041	MW-49	Water	09/25/20 12:14	09/30/20 09:35
40215579042	MW-50	Water	09/25/20 12:56	09/30/20 09:35
40215579043	MW-52	Water	09/25/20 13:31	09/30/20 09:35
40215579044	MW-51	Water	09/25/20 14:06	09/30/20 09:35
40215579045	MW-46	Water	09/28/20 11:41	09/30/20 09:35
40215579046	HOBO SPRING	Water	09/28/20 12:15	09/30/20 09:35
40215579047	CREEK - DOWNSTREAM	Water	09/28/20 12:30	09/30/20 09:35
40215579048	CREEK - UPSTREAM	Water	09/29/20 09:15	09/30/20 09:35
40215579049	DUP-1	Water	09/22/20 00:00	09/30/20 09:35
40215579050	DUP-2	Water	09/25/20 00:00	09/30/20 09:35
40215579051	TRIP BLANK	Water	09/28/20 00:00	09/30/20 09:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40215579001	NMW-4	EPA 8260	LAP	13	PASI-G
40215579002	MW-24D	EPA 8260	LAP	13	PASI-G
40215579003	MW-24	EPA 8260	LAP	13	PASI-G
40215579004	MW-13	EPA 8260	LAP	13	PASI-G
40215579005	MW-11	EPA 8260	LAP	13	PASI-G
40215579006	NMW-9	EPA 8260	LAP	13	PASI-G
40215579007	MW-9D	EPA 8260	LAP	13	PASI-G
40215579008	MW-9D2	EPA 8260	LAP	13	PASI-G
40215579009	MW-15	EPA 8260	LAP	13	PASI-G
40215579010	NMW-8R	EPA 8260	LAP	13	PASI-G
40215579011	NMW-1	EPA 8260	LAP	13	PASI-G
40215579012	NMW-7	EPA 8260	LAP	13	PASI-G
40215579013	MW-23	EPA 8260	LAP	13	PASI-G
40215579014	MW-43	EPA 8260	LAP	13	PASI-G
40215579015	MW-34	EPA 8260	LAP	13	PASI-G
40215579016	MW-32	EPA 8260	LAP	13	PASI-G
40215579017	MW-33	EPA 8260	LAP	13	PASI-G
40215579018	MW-30	EPA 8260	LAP	13	PASI-G
40215579019	MW-31	EPA 8260	LAP	13	PASI-G
40215579020	MW-42	EPA 8260	LAP	13	PASI-G
40215579021	NMW-3R	EPA 8260	LAP	13	PASI-G
40215579022	MW-45	EPA 8260	LAP	13	PASI-G
40215579023	MW-44	EPA 8260	LAP	13	PASI-G
40215579024	MW-36	EPA 8260	LAP	13	PASI-G
40215579025	MW-37	EPA 8260	LAP	13	PASI-G
40215579026	MW-38	EPA 8260	LAP	13	PASI-G
40215579027	MW-55	EPA 8260	LAP	13	PASI-G
40215579028	MW-26	EPA 8260	LAP	13	PASI-G
40215579029	MW-47	EPA 8260	LAP	13	PASI-G
40215579030	MW-29	EPA 8260	LAP	13	PASI-G
40215579031	MW-29D	EPA 8260	LAP	13	PASI-G
40215579032	MW-53	EPA 8260	LAP	13	PASI-G
40215579033	MW-25	EPA 8260	LAP	13	PASI-G
40215579034	MW-39	EPA 8260	LAP	13	PASI-G
40215579035	MW-27	EPA 8260	LAP	13	PASI-G
40215579036	MW-54	EPA 8260	LAP	13	PASI-G
40215579037	MW-35	EPA 8260	LAP	13	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40215579038	MW-40	EPA 8260	LAP	13	PASI-G
40215579039	MW-48	EPA 8260	LAP	13	PASI-G
40215579040	MW-41	EPA 8260	LAP	13	PASI-G
40215579041	MW-49	EPA 8260	LAP	13	PASI-G
40215579042	MW-50	EPA 8260	LAP	13	PASI-G
40215579043	MW-52	EPA 8260	LAP	13	PASI-G
40215579044	MW-51	EPA 8260	LAP	13	PASI-G
40215579045	MW-46	EPA 8260	LAP	13	PASI-G
40215579046	HOBO SPRING	EPA 8260	LAP	13	PASI-G
40215579047	CREEK - DOWNSTREAM	EPA 8260	LAP	13	PASI-G
40215579048	CREEK - UPSTREAM	EPA 8260	LAP	13	PASI-G
40215579049	DUP-1	EPA 8260	LAP	13	PASI-G
40215579050	DUP-2	EPA 8260	LAP	13	PASI-G
40215579051	TRIP BLANK	EPA 8260	LAP	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.: 40215579

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40215579002	MW-24D					
EPA 8260	1,1,1-Trichloroethane	0.57J	ug/L	1.0	10/02/20 16:20	
EPA 8260	1,1-Dichloroethane	1.7	ug/L	1.0	10/02/20 16:20	
EPA 8260	1,1-Dichloroethene	0.95J	ug/L	1.0	10/02/20 16:20	
EPA 8260	Trichloroethene	8.4	ug/L	1.0	10/02/20 16:20	
EPA 8260	Vinyl chloride	0.34J	ug/L	1.0	10/02/20 16:20	
EPA 8260	cis-1,2-Dichloroethene	8.6	ug/L	1.0	10/02/20 16:20	
EPA 8260	trans-1,2-Dichloroethene	0.53J	ug/L	1.5	10/02/20 16:20	
40215579003	MW-24					
EPA 8260	1,1,1-Trichloroethane	2.4	ug/L	1.0	10/02/20 19:50	
EPA 8260	1,1-Dichloroethane	0.75J	ug/L	1.0	10/02/20 19:50	
EPA 8260	1,1-Dichloroethene	0.35J	ug/L	1.0	10/02/20 19:50	
EPA 8260	Trichloroethene	56.2	ug/L	1.0	10/02/20 19:50	
EPA 8260	cis-1,2-Dichloroethene	4.1	ug/L	1.0	10/02/20 19:50	
40215579004	MW-13					
EPA 8260	1,1,1-Trichloroethane	32.8	ug/L	4.0	10/03/20 00:56	
EPA 8260	1,1-Dichloroethane	34.0	ug/L	4.0	10/03/20 00:56	
EPA 8260	1,1-Dichloroethene	15.2	ug/L	4.0	10/03/20 00:56	
EPA 8260	Trichloroethene	1740	ug/L	20.0	10/05/20 06:57	
EPA 8260	cis-1,2-Dichloroethene	49.5	ug/L	4.0	10/03/20 00:56	
EPA 8260	trans-1,2-Dichloroethene	3.5J	ug/L	6.2	10/03/20 00:56	
40215579005	MW-11					
EPA 8260	1,1,1-Trichloroethane	4.0	ug/L	1.0	10/02/20 19:31	
EPA 8260	1,1-Dichloroethane	2.5	ug/L	1.0	10/02/20 19:31	
EPA 8260	1,1-Dichloroethene	0.96J	ug/L	1.0	10/02/20 19:31	
EPA 8260	Trichloroethene	137	ug/L	1.0	10/02/20 19:31	
EPA 8260	cis-1,2-Dichloroethene	10.9	ug/L	1.0	10/02/20 19:31	
EPA 8260	trans-1,2-Dichloroethene	0.56J	ug/L	1.5	10/02/20 19:31	
40215579006	NMW-9					
EPA 8260	1,1-Dichloroethene	0.32J	ug/L	1.0	10/02/20 16:39	
EPA 8260	Trichloroethene	16.8	ug/L	1.0	10/02/20 16:39	
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	10/02/20 16:39	
40215579007	MW-9D					
EPA 8260	1,1,1-Trichloroethane	37.5	ug/L	2.0	10/03/20 00:37	
EPA 8260	1,1-Dichloroethane	17.5	ug/L	2.0	10/03/20 00:37	
EPA 8260	Trichloroethene	821	ug/L	10.0	10/05/20 06:38	
EPA 8260	cis-1,2-Dichloroethene	21.8	ug/L	2.0	10/03/20 00:37	
EPA 8260	trans-1,2-Dichloroethene	3.0J	ug/L	3.1	10/03/20 00:37	
40215579009	MW-15					
EPA 8260	1,1,1-Trichloroethane	50.5	ug/L	20.0	10/03/20 00:17	
EPA 8260	1,1-Dichloroethane	25.6	ug/L	20.0	10/03/20 00:17	
EPA 8260	1,1-Dichloroethene	7.6J	ug/L	20.0	10/03/20 00:17	
EPA 8260	Trichloroethene	1080	ug/L	20.0	10/03/20 00:17	
EPA 8260	cis-1,2-Dichloroethene	31.7	ug/L	20.0	10/03/20 00:17	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40215579010	NMW-8R					
EPA 8260	1,1,1-Trichloroethane	24.0	ug/L	2.0	10/02/20 23:58	
EPA 8260	1,1-Dichloroethane	7.8	ug/L	2.0	10/02/20 23:58	
EPA 8260	1,1-Dichloroethene	2.1	ug/L	2.0	10/02/20 23:58	
EPA 8260	Trichloroethene	171	ug/L	2.0	10/02/20 23:58	
EPA 8260	cis-1,2-Dichloroethene	2.2	ug/L	2.0	10/02/20 23:58	
40215579011	NMW-1					
EPA 8260	1,1,1-Trichloroethane	48.5	ug/L	2.5	10/02/20 23:39	
EPA 8260	1,1-Dichloroethane	14.4	ug/L	2.5	10/02/20 23:39	
EPA 8260	1,1-Dichloroethene	4.6	ug/L	2.5	10/02/20 23:39	
EPA 8260	Trichloroethene	281	ug/L	2.5	10/02/20 23:39	
EPA 8260	cis-1,2-Dichloroethene	3.2	ug/L	2.5	10/02/20 23:39	
40215579012	NMW-7					
EPA 8260	1,1,1-Trichloroethane	15.9	ug/L	1.0	10/02/20 18:34	
EPA 8260	1,1-Dichloroethane	4.6	ug/L	1.0	10/02/20 18:34	
EPA 8260	1,1-Dichloroethene	2.1	ug/L	1.0	10/02/20 18:34	
EPA 8260	Trichloroethene	112	ug/L	1.0	10/02/20 18:34	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	10/02/20 18:34	
40215579013	MW-23					
EPA 8260	1,1,1-Trichloroethane	3.0	ug/L	1.0	10/02/20 18:53	
EPA 8260	1,1-Dichloroethane	1.4	ug/L	1.0	10/02/20 18:53	
EPA 8260	1,1-Dichloroethene	0.93J	ug/L	1.0	10/02/20 18:53	
EPA 8260	Trichloroethene	55.7	ug/L	1.0	10/02/20 18:53	
EPA 8260	cis-1,2-Dichloroethene	8.2	ug/L	1.0	10/02/20 18:53	
EPA 8260	trans-1,2-Dichloroethene	0.57J	ug/L	1.5	10/02/20 18:53	
40215579014	MW-43					
EPA 8260	1,1,1-Trichloroethane	0.37J	ug/L	1.0	10/02/20 19:12	
EPA 8260	1,1-Dichloroethane	0.81J	ug/L	1.0	10/02/20 19:12	
EPA 8260	1,1-Dichloroethene	0.54J	ug/L	1.0	10/02/20 19:12	
EPA 8260	Trichloroethene	21.2	ug/L	1.0	10/02/20 19:12	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	10/02/20 19:12	
EPA 8260	cis-1,2-Dichloroethene	16.3	ug/L	1.0	10/02/20 19:12	
40215579016	MW-32					
EPA 8260	Vinyl chloride	0.35J	ug/L	1.0	10/02/20 17:55	
EPA 8260	cis-1,2-Dichloroethene	6.2	ug/L	1.0	10/02/20 17:55	
40215579017	MW-33					
EPA 8260	Trichloroethene	0.33J	ug/L	1.0	10/02/20 18:14	
EPA 8260	Vinyl chloride	0.58J	ug/L	1.0	10/02/20 18:14	
EPA 8260	cis-1,2-Dichloroethene	5.4	ug/L	1.0	10/02/20 18:14	
EPA 8260	trans-1,2-Dichloroethene	6.7	ug/L	1.5	10/02/20 18:14	
40215579018	MW-30					
EPA 8260	1,1,1-Trichloroethane	27.6	ug/L	10.0	10/03/20 01:15	
EPA 8260	1,1-Dichloroethane	11.1	ug/L	10.0	10/03/20 01:15	
EPA 8260	Trichloroethene	490	ug/L	10.0	10/03/20 01:15	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40215579018	MW-30					
EPA 8260	cis-1,2-Dichloroethene	29.9	ug/L	10.0	10/03/20 01:15	
EPA 8260	trans-1,2-Dichloroethene	5.5J	ug/L	15.5	10/03/20 01:15	
40215579019	MW-31					
EPA 8260	Trichloroethene	1.1	ug/L	1.0	10/02/20 17:36	
EPA 8260	cis-1,2-Dichloroethene	0.67J	ug/L	1.0	10/02/20 17:36	
40215579020	MW-42					
EPA 8260	1,1,1-Trichloroethane	41.8	ug/L	1.0	10/02/20 20:09	
EPA 8260	1,1-Dichloroethane	10.3	ug/L	1.0	10/02/20 20:09	
EPA 8260	1,1-Dichloroethene	4.4	ug/L	1.0	10/02/20 20:09	
EPA 8260	Trichloroethene	239	ug/L	1.0	10/02/20 20:09	
EPA 8260	Vinyl chloride	0.85J	ug/L	1.0	10/02/20 20:09	
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	10/02/20 20:09	
40215579021	NMW-3R					
EPA 8260	1,1,1-Trichloroethane	6.9	ug/L	1.0	10/02/20 20:28	
EPA 8260	1,1-Dichloroethane	3.8	ug/L	1.0	10/02/20 20:28	
EPA 8260	1,1-Dichloroethene	1.3	ug/L	1.0	10/02/20 20:28	
EPA 8260	Trichloroethene	58.0	ug/L	1.0	10/02/20 20:28	
EPA 8260	cis-1,2-Dichloroethene	10.7	ug/L	1.0	10/02/20 20:28	
EPA 8260	trans-1,2-Dichloroethene	0.53J	ug/L	1.5	10/02/20 20:28	
40215579022	MW-45					
EPA 8260	1,1,1-Trichloroethane	13.0	ug/L	1.0	10/02/20 21:45	
EPA 8260	1,1-Dichloroethane	12.8	ug/L	1.0	10/02/20 21:45	
EPA 8260	1,1-Dichloroethene	2.0	ug/L	1.0	10/02/20 21:45	
EPA 8260	Trichloroethene	143	ug/L	1.0	10/02/20 21:45	
EPA 8260	cis-1,2-Dichloroethene	43.8	ug/L	1.0	10/02/20 21:45	
EPA 8260	trans-1,2-Dichloroethene	0.54J	ug/L	1.5	10/02/20 21:45	
40215579023	MW-44					
EPA 8260	Trichloroethene	0.60J	ug/L	1.0	10/02/20 10:18	
40215579024	MW-36					
EPA 8260	1,1,1-Trichloroethane	13.7	ug/L	1.0	10/02/20 21:26	
EPA 8260	1,1-Dichloroethane	5.1	ug/L	1.0	10/02/20 21:26	
EPA 8260	1,1-Dichloroethene	2.6	ug/L	1.0	10/02/20 21:26	
EPA 8260	Trichloroethene	228	ug/L	1.0	10/02/20 21:26	
EPA 8260	cis-1,2-Dichloroethene	5.7	ug/L	1.0	10/02/20 21:26	
EPA 8260	trans-1,2-Dichloroethene	1.2J	ug/L	1.5	10/02/20 21:26	
40215579025	MW-37					
EPA 8260	1,1,1-Trichloroethane	23.7	ug/L	2.0	10/02/20 23:20	
EPA 8260	1,1-Dichloroethane	8.7	ug/L	2.0	10/02/20 23:20	
EPA 8260	1,1-Dichloroethene	1.4J	ug/L	2.0	10/02/20 23:20	
EPA 8260	Trichloroethene	160	ug/L	2.0	10/02/20 23:20	
EPA 8260	cis-1,2-Dichloroethene	3.5	ug/L	2.0	10/02/20 23:20	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40215579026	MW-38					
EPA 8260	1,1,1-Trichloroethane	2.7	ug/L	1.0	10/02/20 21:07	
EPA 8260	1,1-Dichloroethane	1.7	ug/L	1.0	10/02/20 21:07	
EPA 8260	1,1-Dichloroethene	0.60J	ug/L	1.0	10/02/20 21:07	
EPA 8260	Trichloroethene	36.9	ug/L	1.0	10/02/20 21:07	
EPA 8260	Vinyl chloride	3.7	ug/L	1.0	10/02/20 21:07	
EPA 8260	cis-1,2-Dichloroethene	7.1	ug/L	1.0	10/02/20 21:07	
EPA 8260	trans-1,2-Dichloroethene	1.1J	ug/L	1.5	10/02/20 21:07	
40215579027	MW-55					
EPA 8260	Trichloroethene	0.83J	ug/L	1.0	10/02/20 09:59	
EPA 8260	Vinyl chloride	0.24J	ug/L	1.0	10/02/20 09:59	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	10/02/20 09:59	
40215579028	MW-26					
EPA 8260	1,1,1-Trichloroethane	0.48J	ug/L	1.0	10/02/20 20:47	
EPA 8260	1,1-Dichloroethane	0.69J	ug/L	1.0	10/02/20 20:47	
EPA 8260	Trichloroethene	15.5	ug/L	1.0	10/02/20 20:47	
EPA 8260	Vinyl chloride	0.44J	ug/L	1.0	10/02/20 20:47	
EPA 8260	cis-1,2-Dichloroethene	6.1	ug/L	1.0	10/02/20 20:47	
40215579030	MW-29					
EPA 8260	1,1,1-Trichloroethane	21.0	ug/L	1.0	10/02/20 12:51	
EPA 8260	1,1-Dichloroethane	7.3	ug/L	1.0	10/02/20 12:51	
EPA 8260	1,1-Dichloroethene	1.8	ug/L	1.0	10/02/20 12:51	
EPA 8260	Trichloroethene	139	ug/L	1.0	10/02/20 12:51	
EPA 8260	cis-1,2-Dichloroethene	6.9	ug/L	1.0	10/02/20 12:51	
40215579034	MW-39					
EPA 8260	Trichloroethene	3.3	ug/L	1.0	10/02/20 11:16	
40215579035	MW-27					
EPA 8260	1,1-Dichloroethane	0.60J	ug/L	1.0	10/02/20 11:35	
40215579036	MW-54					
EPA 8260	Trichloroethene	0.32J	ug/L	1.0	10/02/20 11:54	
40215579037	MW-35					
EPA 8260	1,1,1-Trichloroethane	48.4	ug/L	2.5	10/02/20 22:42	
EPA 8260	1,1-Dichloroethane	16.9	ug/L	2.5	10/02/20 22:42	
EPA 8260	1,1-Dichloroethene	5.8	ug/L	2.5	10/02/20 22:42	
EPA 8260	Trichloroethene	351	ug/L	2.5	10/02/20 22:42	
EPA 8260	cis-1,2-Dichloroethene	7.7	ug/L	2.5	10/02/20 22:42	
40215579038	MW-40					
EPA 8260	1,1,1-Trichloroethane	21.2	ug/L	2.0	10/02/20 23:01	
EPA 8260	1,1-Dichloroethane	7.1	ug/L	2.0	10/02/20 23:01	
EPA 8260	1,1-Dichloroethene	2.3	ug/L	2.0	10/02/20 23:01	
EPA 8260	Trichloroethene	109	ug/L	2.0	10/02/20 23:01	
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	2.0	10/02/20 23:01	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40215579040	MW-41					
EPA 8260	1,1,1-Trichloroethane	35.5	ug/L	1.0	10/02/20 22:23	
EPA 8260	1,1-Dichloroethane	10.3	ug/L	1.0	10/02/20 22:23	
EPA 8260	1,1-Dichloroethene	3.4	ug/L	1.0	10/02/20 22:23	
EPA 8260	Trichloroethene	218	ug/L	1.0	10/02/20 22:23	
EPA 8260	cis-1,2-Dichloroethene	5.8	ug/L	1.0	10/02/20 22:23	
40215579041	MW-49					
EPA 8260	1,1,1-Trichloroethane	27.3	ug/L	1.0	10/05/20 07:03	
EPA 8260	1,1-Dichloroethane	6.6	ug/L	1.0	10/05/20 07:03	
EPA 8260	1,1-Dichloroethene	2.3	ug/L	1.0	10/05/20 07:03	
EPA 8260	Trichloroethene	168	ug/L	1.0	10/05/20 07:03	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	10/05/20 07:03	
40215579042	MW-50					
EPA 8260	1,1,1-Trichloroethane	91.6	ug/L	1.0	10/05/20 06:39	
EPA 8260	1,1-Dichloroethane	28.7	ug/L	1.0	10/05/20 06:39	
EPA 8260	1,1-Dichloroethene	7.9	ug/L	1.0	10/05/20 06:39	
EPA 8260	Tetrachloroethene	0.49J	ug/L	1.1	10/05/20 06:39	
EPA 8260	Trichloroethene	529	ug/L	10.0	10/05/20 10:13	
EPA 8260	cis-1,2-Dichloroethene	5.2	ug/L	1.0	10/05/20 06:39	
40215579043	MW-52					
EPA 8260	1,1-Dichloroethane	0.31J	ug/L	1.0	10/03/20 00:10	
EPA 8260	Trichloroethene	3.3	ug/L	1.0	10/03/20 00:10	
40215579046	HOBO SPRING					
EPA 8260	1,1,1-Trichloroethane	14.6	ug/L	1.0	10/05/20 07:27	
EPA 8260	1,1-Dichloroethane	5.2	ug/L	1.0	10/05/20 07:27	
EPA 8260	1,1-Dichloroethene	1.3	ug/L	1.0	10/05/20 07:27	
EPA 8260	Trichloroethene	132	ug/L	1.0	10/05/20 07:27	
EPA 8260	cis-1,2-Dichloroethene	4.7	ug/L	1.0	10/05/20 07:27	
EPA 8260	trans-1,2-Dichloroethene	0.48J	ug/L	1.5	10/05/20 07:27	
40215579047	CREEK - DOWNSTREAM					
EPA 8260	1,1,1-Trichloroethane	0.45J	ug/L	1.0	10/02/20 23:22	
EPA 8260	Trichloroethene	3.8	ug/L	1.0	10/02/20 23:22	
EPA 8260	cis-1,2-Dichloroethene	0.29J	ug/L	1.0	10/02/20 23:22	
40215579048	CREEK - UPSTREAM					
EPA 8260	1,1,1-Trichloroethane	0.34J	ug/L	1.0	10/02/20 23:46	
EPA 8260	Trichloroethene	2.3	ug/L	1.0	10/02/20 23:46	
40215579049	DUP-1					
EPA 8260	1,1-Dichloroethene	0.29J	ug/L	1.0	10/03/20 00:33	
EPA 8260	Trichloroethene	16.4	ug/L	1.0	10/03/20 00:33	
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	10/03/20 00:33	
40215579050	DUP-2					
EPA 8260	1,1,1-Trichloroethane	25.8	ug/L	1.0	10/03/20 00:57	
EPA 8260	1,1-Dichloroethane	6.4	ug/L	1.0	10/03/20 00:57	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40215579050	DUP-2					
EPA 8260	1,1-Dichloroethene	2.3	ug/L	1.0	10/03/20 00:57	
EPA 8260	Trichloroethene	161	ug/L	1.0	10/03/20 00:57	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	10/03/20 00:57	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: NMW-4 Lab ID: 40215579001 Collected: 09/21/20 14:50 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 16:01	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 16:01	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 16:01	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 16:01	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 16:01	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 16:01	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 16:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 16:01	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 16:01	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 16:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/20 16:01	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/02/20 16:01	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		10/02/20 16:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-24D Lab ID: 40215579002 Collected: 09/22/20 08:18 Received: 09/30/20 09:35 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	0.57J	ug/L	1.0	0.24	1		10/02/20 16:20	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 16:20	79-00-5	
1,1-Dichloroethane	1.7	ug/L	1.0	0.27	1		10/02/20 16:20	75-34-3	
1,1-Dichloroethene	0.95J	ug/L	1.0	0.24	1		10/02/20 16:20	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 16:20	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 16:20	127-18-4	
Trichloroethene	8.4	ug/L	1.0	0.26	1		10/02/20 16:20	79-01-6	
Vinyl chloride	0.34J	ug/L	1.0	0.17	1		10/02/20 16:20	75-01-4	
cis-1,2-Dichloroethene	8.6	ug/L	1.0	0.27	1		10/02/20 16:20	156-59-2	
trans-1,2-Dichloroethene	0.53J	ug/L	1.5	0.46	1		10/02/20 16:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/02/20 16:20	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/02/20 16:20	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		10/02/20 16:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-24 Lab ID: 40215579003 Collected: 09/22/20 08:50 Received: 09/30/20 09:35 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	2.4	ug/L	1.0	0.24	1		10/02/20 19:50	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 19:50	79-00-5	
1,1-Dichloroethane	0.75J	ug/L	1.0	0.27	1		10/02/20 19:50	75-34-3	
1,1-Dichloroethene	0.35J	ug/L	1.0	0.24	1		10/02/20 19:50	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 19:50	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 19:50	127-18-4	
Trichloroethene	56.2	ug/L	1.0	0.26	1		10/02/20 19:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 19:50	75-01-4	
cis-1,2-Dichloroethene	4.1	ug/L	1.0	0.27	1		10/02/20 19:50	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 19:50	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/20 19:50	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/02/20 19:50	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/02/20 19:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-13 Lab ID: 40215579004 Collected: 09/22/20 09:31 Received: 09/30/20 09:35 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	32.8	ug/L	4.0	0.98	4		10/03/20 00:56	71-55-6	
1,1,2-Trichloroethane	<2.2	ug/L	20.0	2.2	4		10/03/20 00:56	79-00-5	
1,1-Dichloroethane	34.0	ug/L	4.0	1.1	4		10/03/20 00:56	75-34-3	
1,1-Dichloroethene	15.2	ug/L	4.0	0.98	4		10/03/20 00:56	75-35-4	
1,2-Dichloroethane	<1.1	ug/L	4.0	1.1	4		10/03/20 00:56	107-06-2	
Tetrachloroethene	<1.3	ug/L	4.4	1.3	4		10/03/20 00:56	127-18-4	
Trichloroethene	1740	ug/L	20.0	5.1	20		10/05/20 06:57	79-01-6	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		10/03/20 00:56	75-01-4	
cis-1,2-Dichloroethene	49.5	ug/L	4.0	1.1	4		10/03/20 00:56	156-59-2	
trans-1,2-Dichloroethene	3.5J	ug/L	6.2	1.9	4		10/03/20 00:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		4		10/03/20 00:56	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		4		10/03/20 00:56	1868-53-7	
Toluene-d8 (S)	104	%	70-130		4		10/03/20 00:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-11 Lab ID: 40215579005 Collected: 09/22/20 10:04 Received: 09/30/20 09:35 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	4.0	ug/L	1.0	0.24	1		10/02/20 19:31	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 19:31	79-00-5	
1,1-Dichloroethane	2.5	ug/L	1.0	0.27	1		10/02/20 19:31	75-34-3	
1,1-Dichloroethene	0.96J	ug/L	1.0	0.24	1		10/02/20 19:31	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 19:31	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 19:31	127-18-4	
Trichloroethene	137	ug/L	1.0	0.26	1		10/02/20 19:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 19:31	75-01-4	
cis-1,2-Dichloroethene	10.9	ug/L	1.0	0.27	1		10/02/20 19:31	156-59-2	
trans-1,2-Dichloroethene	0.56J	ug/L	1.5	0.46	1		10/02/20 19:31	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	116	%	70-130		1		10/02/20 19:31	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/02/20 19:31	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 19:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: NMW-9 Lab ID: 40215579006 Collected: 09/22/20 10:44 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 16:39	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 16:39	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 16:39	75-34-3	
1,1-Dichloroethene	0.32J	ug/L	1.0	0.24	1		10/02/20 16:39	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 16:39	107-06-2	
Tetrachloroethane	<0.33	ug/L	1.1	0.33	1		10/02/20 16:39	127-18-4	
Trichloroethene	16.8	ug/L	1.0	0.26	1		10/02/20 16:39	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 16:39	75-01-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.27	1		10/02/20 16:39	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 16:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/02/20 16:39	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/02/20 16:39	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/02/20 16:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-9D Lab ID: 40215579007 Collected: 09/22/20 11:20 Received: 09/30/20 09:35 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	37.5	ug/L	2.0	0.49	2		10/03/20 00:37	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		10/03/20 00:37	79-00-5	
1,1-Dichloroethane	17.5	ug/L	2.0	0.55	2		10/03/20 00:37	75-34-3	
1,1-Dichloroethene	<0.49	ug/L	2.0	0.49	2		10/03/20 00:37	75-35-4	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		10/03/20 00:37	107-06-2	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		10/03/20 00:37	127-18-4	
Trichloroethene	821	ug/L	10.0	2.6	10		10/05/20 06:38	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/03/20 00:37	75-01-4	
cis-1,2-Dichloroethene	21.8	ug/L	2.0	0.54	2		10/03/20 00:37	156-59-2	
trans-1,2-Dichloroethene	3.0J	ug/L	3.1	0.93	2		10/03/20 00:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	113	%	70-130		2		10/03/20 00:37	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		2		10/03/20 00:37	1868-53-7	
Toluene-d8 (S)	104	%	70-130		2		10/03/20 00:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-9D2 Lab ID: 40215579008 Collected: 09/22/20 11:54 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 16:58	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 16:58	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 16:58	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 16:58	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 16:58	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 16:58	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 16:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 16:58	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 16:58	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 16:58	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/02/20 16:58	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 16:58	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		10/02/20 16:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-15 Lab ID: 40215579009 Collected: 09/22/20 12:26 Received: 09/30/20 09:35 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	50.5	ug/L	20.0	4.9	20		10/03/20 00:17	71-55-6	
1,1,2-Trichloroethane	<11.0	ug/L	100	11.0	20		10/03/20 00:17	79-00-5	
1,1-Dichloroethane	25.6	ug/L	20.0	5.5	20		10/03/20 00:17	75-34-3	
1,1-Dichloroethene	7.6J	ug/L	20.0	4.9	20		10/03/20 00:17	75-35-4	
1,2-Dichloroethane	<5.6	ug/L	20.0	5.6	20		10/03/20 00:17	107-06-2	
Tetrachloroethene	<6.5	ug/L	21.8	6.5	20		10/03/20 00:17	127-18-4	
Trichloroethene	1080	ug/L	20.0	5.1	20		10/03/20 00:17	79-01-6	
Vinyl chloride	<3.5	ug/L	20.0	3.5	20		10/03/20 00:17	75-01-4	
cis-1,2-Dichloroethene	31.7	ug/L	20.0	5.4	20		10/03/20 00:17	156-59-2	
trans-1,2-Dichloroethene	<9.3	ug/L	30.9	9.3	20		10/03/20 00:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		20		10/03/20 00:17	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		20		10/03/20 00:17	1868-53-7	
Toluene-d8 (S)	106	%	70-130		20		10/03/20 00:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: NMW-8R Lab ID: 40215579010 Collected: 09/22/20 13:14 Received: 09/30/20 09:35 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	24.0	ug/L	2.0	0.49	2		10/02/20 23:58	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		10/02/20 23:58	79-00-5	
1,1-Dichloroethane	7.8	ug/L	2.0	0.55	2		10/02/20 23:58	75-34-3	
1,1-Dichloroethene	2.1	ug/L	2.0	0.49	2		10/02/20 23:58	75-35-4	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		10/02/20 23:58	107-06-2	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		10/02/20 23:58	127-18-4	
Trichloroethene	171	ug/L	2.0	0.51	2		10/02/20 23:58	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/02/20 23:58	75-01-4	
cis-1,2-Dichloroethene	2.2	ug/L	2.0	0.54	2		10/02/20 23:58	156-59-2	
trans-1,2-Dichloroethene	<0.93	ug/L	3.1	0.93	2		10/02/20 23:58	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		2		10/02/20 23:58	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		2		10/02/20 23:58	1868-53-7	
Toluene-d8 (S)	85	%	70-130		2		10/02/20 23:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: NMW-1 Lab ID: 40215579011 Collected: 09/22/20 13:51 Received: 09/30/20 09:35 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	48.5	ug/L	2.5	0.61	2.5		10/02/20 23:39	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	12.5	1.4	2.5		10/02/20 23:39	79-00-5	
1,1-Dichloroethane	14.4	ug/L	2.5	0.68	2.5		10/02/20 23:39	75-34-3	
1,1-Dichloroethene	4.6	ug/L	2.5	0.61	2.5		10/02/20 23:39	75-35-4	
1,2-Dichloroethane	<0.70	ug/L	2.5	0.70	2.5		10/02/20 23:39	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.7	0.82	2.5		10/02/20 23:39	127-18-4	
Trichloroethene	281	ug/L	2.5	0.64	2.5		10/02/20 23:39	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		10/02/20 23:39	75-01-4	
cis-1,2-Dichloroethene	3.2	ug/L	2.5	0.68	2.5		10/02/20 23:39	156-59-2	
trans-1,2-Dichloroethene	<1.2	ug/L	3.9	1.2	2.5		10/02/20 23:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		2.5		10/02/20 23:39	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		2.5		10/02/20 23:39	1868-53-7	
Toluene-d8 (S)	103	%	70-130		2.5		10/02/20 23:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: NMW-7 Lab ID: 40215579012 Collected: 09/22/20 14:26 Received: 09/30/20 09:35 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	15.9	ug/L	1.0	0.24	1		10/02/20 18:34	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 18:34	79-00-5	
1,1-Dichloroethane	4.6	ug/L	1.0	0.27	1		10/02/20 18:34	75-34-3	
1,1-Dichloroethene	2.1	ug/L	1.0	0.24	1		10/02/20 18:34	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 18:34	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 18:34	127-18-4	
Trichloroethene	112	ug/L	1.0	0.26	1		10/02/20 18:34	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 18:34	75-01-4	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.27	1		10/02/20 18:34	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 18:34	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/20 18:34	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		10/02/20 18:34	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 18:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-23 Lab ID: 40215579013 Collected: 09/23/20 08:50 Received: 09/30/20 09:35 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	3.0	ug/L	1.0	0.24	1		10/02/20 18:53	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 18:53	79-00-5	
1,1-Dichloroethane	1.4	ug/L	1.0	0.27	1		10/02/20 18:53	75-34-3	
1,1-Dichloroethene	0.93J	ug/L	1.0	0.24	1		10/02/20 18:53	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 18:53	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 18:53	127-18-4	
Trichloroethene	55.7	ug/L	1.0	0.26	1		10/02/20 18:53	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 18:53	75-01-4	
cis-1,2-Dichloroethene	8.2	ug/L	1.0	0.27	1		10/02/20 18:53	156-59-2	
trans-1,2-Dichloroethene	0.57J	ug/L	1.5	0.46	1		10/02/20 18:53	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/20 18:53	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 18:53	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 18:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-43 Lab ID: 40215579014 Collected: 09/23/20 09:27 Received: 09/30/20 09:35 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	0.37J	ug/L	1.0	0.24	1		10/02/20 19:12	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 19:12	79-00-5	
1,1-Dichloroethane	0.81J	ug/L	1.0	0.27	1		10/02/20 19:12	75-34-3	
1,1-Dichloroethene	0.54J	ug/L	1.0	0.24	1		10/02/20 19:12	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 19:12	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 19:12	127-18-4	
Trichloroethene	21.2	ug/L	1.0	0.26	1		10/02/20 19:12	79-01-6	
Vinyl chloride	1.5	ug/L	1.0	0.17	1		10/02/20 19:12	75-01-4	
cis-1,2-Dichloroethene	16.3	ug/L	1.0	0.27	1		10/02/20 19:12	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 19:12	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	115	%	70-130		1		10/02/20 19:12	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/02/20 19:12	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		10/02/20 19:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-34 Lab ID: 40215579015 Collected: 09/23/20 10:03 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 17:17	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 17:17	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 17:17	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 17:17	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 17:17	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 17:17	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 17:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 17:17	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 17:17	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 17:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/02/20 17:17	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/02/20 17:17	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		10/02/20 17:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-32 Lab ID: 40215579016 Collected: 09/23/20 10:41 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 17:55	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 17:55	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 17:55	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 17:55	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 17:55	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 17:55	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 17:55	79-01-6	
Vinyl chloride	0.35J	ug/L	1.0	0.17	1		10/02/20 17:55	75-01-4	
cis-1,2-Dichloroethene	6.2	ug/L	1.0	0.27	1		10/02/20 17:55	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 17:55	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	116	%	70-130		1		10/02/20 17:55	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/02/20 17:55	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		10/02/20 17:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-33 Lab ID: 40215579017 Collected: 09/23/20 11:20 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 18:14	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 18:14	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 18:14	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 18:14	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 18:14	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 18:14	127-18-4	
Trichloroethene	0.33J	ug/L	1.0	0.26	1		10/02/20 18:14	79-01-6	
Vinyl chloride	0.58J	ug/L	1.0	0.17	1		10/02/20 18:14	75-01-4	
cis-1,2-Dichloroethene	5.4	ug/L	1.0	0.27	1		10/02/20 18:14	156-59-2	
trans-1,2-Dichloroethene	6.7	ug/L	1.5	0.46	1		10/02/20 18:14	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	114	%	70-130		1		10/02/20 18:14	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/02/20 18:14	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/02/20 18:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-30 Lab ID: 40215579018 Collected: 09/23/20 11:56 Received: 09/30/20 09:35 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	27.6	ug/L	10.0	2.4	10		10/03/20 01:15	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		10/03/20 01:15	79-00-5	
1,1-Dichloroethane	11.1	ug/L	10.0	2.7	10		10/03/20 01:15	75-34-3	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		10/03/20 01:15	75-35-4	
1,2-Dichloroethane	<2.8	ug/L	10.0	2.8	10		10/03/20 01:15	107-06-2	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		10/03/20 01:15	127-18-4	
Trichloroethene	490	ug/L	10.0	2.6	10		10/03/20 01:15	79-01-6	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		10/03/20 01:15	75-01-4	
cis-1,2-Dichloroethene	29.9	ug/L	10.0	2.7	10		10/03/20 01:15	156-59-2	
trans-1,2-Dichloroethene	5.5J	ug/L	15.5	4.6	10		10/03/20 01:15	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		10		10/03/20 01:15	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		10		10/03/20 01:15	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		10/03/20 01:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-31 Lab ID: 40215579019 Collected: 09/23/20 12:30 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 17:36	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 17:36	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 17:36	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 17:36	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 17:36	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 17:36	127-18-4	
Trichloroethene	1.1	ug/L	1.0	0.26	1		10/02/20 17:36	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 17:36	75-01-4	
cis-1,2-Dichloroethene	0.67J	ug/L	1.0	0.27	1		10/02/20 17:36	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 17:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 17:36	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 17:36	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		10/02/20 17:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-42 Lab ID: 40215579020 Collected: 09/23/20 13:09 Received: 09/30/20 09:35 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	41.8	ug/L	1.0	0.24	1		10/02/20 20:09	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 20:09	79-00-5	
1,1-Dichloroethane	10.3	ug/L	1.0	0.27	1		10/02/20 20:09	75-34-3	
1,1-Dichloroethene	4.4	ug/L	1.0	0.24	1		10/02/20 20:09	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 20:09	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 20:09	127-18-4	
Trichloroethene	239	ug/L	1.0	0.26	1		10/02/20 20:09	79-01-6	
Vinyl chloride	0.85J	ug/L	1.0	0.17	1		10/02/20 20:09	75-01-4	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	0.27	1		10/02/20 20:09	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 20:09	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/02/20 20:09	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/02/20 20:09	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/02/20 20:09	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: NMW-3R Lab ID: 40215579021 Collected: 09/23/20 13:40 Received: 09/30/20 09:35 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	6.9	ug/L	1.0	0.24	1		10/02/20 20:28	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 20:28	79-00-5	
1,1-Dichloroethane	3.8	ug/L	1.0	0.27	1		10/02/20 20:28	75-34-3	
1,1-Dichloroethene	1.3	ug/L	1.0	0.24	1		10/02/20 20:28	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 20:28	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 20:28	127-18-4	
Trichloroethene	58.0	ug/L	1.0	0.26	1		10/02/20 20:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 20:28	75-01-4	
cis-1,2-Dichloroethene	10.7	ug/L	1.0	0.27	1		10/02/20 20:28	156-59-2	
trans-1,2-Dichloroethene	0.53J	ug/L	1.5	0.46	1		10/02/20 20:28	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/20 20:28	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/02/20 20:28	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/02/20 20:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-45 Lab ID: 40215579022 Collected: 09/23/20 14:10 Received: 09/30/20 09:35 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	13.0	ug/L	1.0	0.24	1		10/02/20 21:45	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 21:45	79-00-5	
1,1-Dichloroethane	12.8	ug/L	1.0	0.27	1		10/02/20 21:45	75-34-3	
1,1-Dichloroethene	2.0	ug/L	1.0	0.24	1		10/02/20 21:45	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 21:45	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 21:45	127-18-4	
Trichloroethene	143	ug/L	1.0	0.26	1		10/02/20 21:45	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 21:45	75-01-4	
cis-1,2-Dichloroethene	43.8	ug/L	1.0	0.27	1		10/02/20 21:45	156-59-2	
trans-1,2-Dichloroethene	0.54J	ug/L	1.5	0.46	1		10/02/20 21:45	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	113	%	70-130		1		10/02/20 21:45	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 21:45	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 21:45	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-44 Lab ID: 40215579023 Collected: 09/24/20 08:00 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 10:18	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 10:18	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 10:18	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 10:18	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 10:18	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 10:18	127-18-4	
Trichloroethene	0.60J	ug/L	1.0	0.26	1		10/02/20 10:18	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 10:18	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 10:18	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 10:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 10:18	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/02/20 10:18	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/02/20 10:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-36 Lab ID: 40215579024 Collected: 09/24/20 08:31 Received: 09/30/20 09:35 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	13.7	ug/L	1.0	0.24	1		10/02/20 21:26	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 21:26	79-00-5	
1,1-Dichloroethane	5.1	ug/L	1.0	0.27	1		10/02/20 21:26	75-34-3	
1,1-Dichloroethene	2.6	ug/L	1.0	0.24	1		10/02/20 21:26	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 21:26	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 21:26	127-18-4	
Trichloroethene	228	ug/L	1.0	0.26	1		10/02/20 21:26	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 21:26	75-01-4	
cis-1,2-Dichloroethene	5.7	ug/L	1.0	0.27	1		10/02/20 21:26	156-59-2	
trans-1,2-Dichloroethene	1.2J	ug/L	1.5	0.46	1		10/02/20 21:26	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/02/20 21:26	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/02/20 21:26	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 21:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-37 Lab ID: 40215579025 Collected: 09/24/20 09:03 Received: 09/30/20 09:35 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	23.7	ug/L	2.0	0.49	2		10/02/20 23:20	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		10/02/20 23:20	79-00-5	
1,1-Dichloroethane	8.7	ug/L	2.0	0.55	2		10/02/20 23:20	75-34-3	
1,1-Dichloroethene	1.4J	ug/L	2.0	0.49	2		10/02/20 23:20	75-35-4	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		10/02/20 23:20	107-06-2	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		10/02/20 23:20	127-18-4	
Trichloroethene	160	ug/L	2.0	0.51	2		10/02/20 23:20	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/02/20 23:20	75-01-4	
cis-1,2-Dichloroethene	3.5	ug/L	2.0	0.54	2		10/02/20 23:20	156-59-2	
trans-1,2-Dichloroethene	<0.93	ug/L	3.1	0.93	2		10/02/20 23:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		2		10/02/20 23:20	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		2		10/02/20 23:20	1868-53-7	
Toluene-d8 (S)	90	%	70-130		2		10/02/20 23:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-38 Lab ID: 40215579026 Collected: 09/24/20 09:37 Received: 09/30/20 09:35 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	2.7	ug/L	1.0	0.24	1		10/02/20 21:07	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 21:07	79-00-5	
1,1-Dichloroethane	1.7	ug/L	1.0	0.27	1		10/02/20 21:07	75-34-3	
1,1-Dichloroethene	0.60J	ug/L	1.0	0.24	1		10/02/20 21:07	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 21:07	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 21:07	127-18-4	
Trichloroethene	36.9	ug/L	1.0	0.26	1		10/02/20 21:07	79-01-6	
Vinyl chloride	3.7	ug/L	1.0	0.17	1		10/02/20 21:07	75-01-4	
cis-1,2-Dichloroethene	7.1	ug/L	1.0	0.27	1		10/02/20 21:07	156-59-2	
trans-1,2-Dichloroethene	1.1J	ug/L	1.5	0.46	1		10/02/20 21:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		10/02/20 21:07	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/02/20 21:07	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 21:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-55 Lab ID: 40215579027 Collected: 09/24/20 10:09 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 09:59	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 09:59	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 09:59	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 09:59	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 09:59	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 09:59	127-18-4	
Trichloroethene	0.83J	ug/L	1.0	0.26	1		10/02/20 09:59	79-01-6	
Vinyl chloride	0.24J	ug/L	1.0	0.17	1		10/02/20 09:59	75-01-4	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.27	1		10/02/20 09:59	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 09:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/20 09:59	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		10/02/20 09:59	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		10/02/20 09:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-26 Lab ID: 40215579028 Collected: 09/24/20 10:50 Received: 09/30/20 09:35 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	0.24	1		10/02/20 20:47	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 20:47	79-00-5	
1,1-Dichloroethane	0.69J	ug/L	1.0	0.27	1		10/02/20 20:47	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 20:47	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 20:47	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 20:47	127-18-4	
Trichloroethene	15.5	ug/L	1.0	0.26	1		10/02/20 20:47	79-01-6	
Vinyl chloride	0.44J	ug/L	1.0	0.17	1		10/02/20 20:47	75-01-4	
cis-1,2-Dichloroethene	6.1	ug/L	1.0	0.27	1		10/02/20 20:47	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 20:47	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/02/20 20:47	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/02/20 20:47	1868-53-7	
Toluene-d8 (S)	82	%	70-130		1		10/02/20 20:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-47 Lab ID: 40215579029 Collected: 09/24/20 11:26 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 12:32	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 12:32	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 12:32	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 12:32	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 12:32	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 12:32	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 12:32	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 12:32	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 12:32	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 12:32	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/02/20 12:32	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/02/20 12:32	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/02/20 12:32	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-29 Lab ID: 40215579030 Collected: 09/24/20 12:05 Received: 09/30/20 09:35 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	21.0	ug/L	1.0	0.24	1		10/02/20 12:51	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 12:51	79-00-5	
1,1-Dichloroethane	7.3	ug/L	1.0	0.27	1		10/02/20 12:51	75-34-3	
1,1-Dichloroethene	1.8	ug/L	1.0	0.24	1		10/02/20 12:51	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 12:51	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 12:51	127-18-4	
Trichloroethene	139	ug/L	1.0	0.26	1		10/02/20 12:51	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 12:51	75-01-4	
cis-1,2-Dichloroethene	6.9	ug/L	1.0	0.27	1		10/02/20 12:51	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 12:51	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 12:51	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/02/20 12:51	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 12:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-29D Lab ID: 40215579031 Collected: 09/24/20 12:33 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 22:04	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 22:04	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 22:04	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 22:04	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 22:04	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 22:04	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/05/20 06:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 22:04	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 22:04	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 22:04	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/02/20 22:04	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/02/20 22:04	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 22:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-53 Lab ID: 40215579032 Collected: 09/24/20 13:15 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 10:37	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 10:37	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 10:37	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 10:37	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 10:37	107-06-2	
Tetrachloroethane	<0.33	ug/L	1.1	0.33	1		10/02/20 10:37	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 10:37	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 10:37	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 10:37	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 10:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/02/20 10:37	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/02/20 10:37	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		10/02/20 10:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-25 Lab ID: 40215579033 Collected: 09/24/20 13:53 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 10:57	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 10:57	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 10:57	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 10:57	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 10:57	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 10:57	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 10:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 10:57	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 10:57	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 10:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/02/20 10:57	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/02/20 10:57	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/02/20 10:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-39 Lab ID: 40215579034 Collected: 09/25/20 08:09 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 11:16	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 11:16	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 11:16	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 11:16	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 11:16	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 11:16	127-18-4	
Trichloroethene	3.3	ug/L	1.0	0.26	1		10/02/20 11:16	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 11:16	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 11:16	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 11:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		10/02/20 11:16	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 11:16	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 11:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-27 Lab ID: 40215579035 Collected: 09/25/20 08:45 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 11:35	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 11:35	79-00-5	
1,1-Dichloroethane	0.60J	ug/L	1.0	0.27	1		10/02/20 11:35	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 11:35	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 11:35	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 11:35	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 11:35	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 11:35	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 11:35	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 11:35	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 11:35	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		10/02/20 11:35	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		10/02/20 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-54 Lab ID: 40215579036 Collected: 09/25/20 09:17 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 11:54	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 11:54	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 11:54	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 11:54	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 11:54	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 11:54	127-18-4	
Trichloroethene	0.32J	ug/L	1.0	0.26	1		10/02/20 11:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 11:54	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 11:54	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 11:54	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/02/20 11:54	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 11:54	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 11:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-35 Lab ID: 40215579037 Collected: 09/25/20 09:59 Received: 09/30/20 09:35 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	48.4	ug/L	2.5	0.61	2.5		10/02/20 22:42	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	12.5	1.4	2.5		10/02/20 22:42	79-00-5	
1,1-Dichloroethane	16.9	ug/L	2.5	0.68	2.5		10/02/20 22:42	75-34-3	
1,1-Dichloroethene	5.8	ug/L	2.5	0.61	2.5		10/02/20 22:42	75-35-4	
1,2-Dichloroethane	<0.70	ug/L	2.5	0.70	2.5		10/02/20 22:42	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.7	0.82	2.5		10/02/20 22:42	127-18-4	
Trichloroethene	351	ug/L	2.5	0.64	2.5		10/02/20 22:42	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		10/02/20 22:42	75-01-4	
cis-1,2-Dichloroethene	7.7	ug/L	2.5	0.68	2.5		10/02/20 22:42	156-59-2	
trans-1,2-Dichloroethene	<1.2	ug/L	3.9	1.2	2.5		10/02/20 22:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		2.5		10/02/20 22:42	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		2.5		10/02/20 22:42	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2.5		10/02/20 22:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-40 Lab ID: 40215579038 Collected: 09/25/20 10:37 Received: 09/30/20 09:35 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	21.2	ug/L	2.0	0.49	2		10/02/20 23:01	71-55-6	
1,1,2-Trichloroethane	<1.1	ug/L	10.0	1.1	2		10/02/20 23:01	79-00-5	
1,1-Dichloroethane	7.1	ug/L	2.0	0.55	2		10/02/20 23:01	75-34-3	
1,1-Dichloroethene	2.3	ug/L	2.0	0.49	2		10/02/20 23:01	75-35-4	
1,2-Dichloroethane	<0.56	ug/L	2.0	0.56	2		10/02/20 23:01	107-06-2	
Tetrachloroethene	<0.65	ug/L	2.2	0.65	2		10/02/20 23:01	127-18-4	
Trichloroethene	109	ug/L	2.0	0.51	2		10/02/20 23:01	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		10/02/20 23:01	75-01-4	
cis-1,2-Dichloroethene	3.7	ug/L	2.0	0.54	2		10/02/20 23:01	156-59-2	
trans-1,2-Dichloroethene	<0.93	ug/L	3.1	0.93	2		10/02/20 23:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2		10/02/20 23:01	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		2		10/02/20 23:01	1868-53-7	
Toluene-d8 (S)	104	%	70-130		2		10/02/20 23:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-48 Lab ID: 40215579039 Collected: 09/25/20 11:10 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 12:13	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 12:13	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 12:13	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 12:13	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 12:13	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 12:13	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 12:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 12:13	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 12:13	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 12:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 12:13	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/02/20 12:13	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		10/02/20 12:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-41 Lab ID: 40215579040 Collected: 09/25/20 11:40 Received: 09/30/20 09:35 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	35.5	ug/L	1.0	0.24	1		10/02/20 22:23	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 22:23	79-00-5	
1,1-Dichloroethane	10.3	ug/L	1.0	0.27	1		10/02/20 22:23	75-34-3	
1,1-Dichloroethene	3.4	ug/L	1.0	0.24	1		10/02/20 22:23	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 22:23	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 22:23	127-18-4	
Trichloroethene	218	ug/L	1.0	0.26	1		10/02/20 22:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 22:23	75-01-4	
cis-1,2-Dichloroethene	5.8	ug/L	1.0	0.27	1		10/02/20 22:23	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 22:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/02/20 22:23	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/02/20 22:23	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/02/20 22:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-49 Lab ID: 40215579041 Collected: 09/25/20 12:14 Received: 09/30/20 09:35 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	27.3	ug/L	1.0	0.24	1		10/05/20 07:03	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/20 07:03	79-00-5	
1,1-Dichloroethane	6.6	ug/L	1.0	0.27	1		10/05/20 07:03	75-34-3	
1,1-Dichloroethene	2.3	ug/L	1.0	0.24	1		10/05/20 07:03	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/20 07:03	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/20 07:03	127-18-4	
Trichloroethene	168	ug/L	1.0	0.26	1		10/05/20 07:03	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/20 07:03	75-01-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.27	1		10/05/20 07:03	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/05/20 07:03	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/05/20 07:03	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/05/20 07:03	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/05/20 07:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: MW-50 Lab ID: 40215579042 Collected: 09/25/20 12:56 Received: 09/30/20 09:35 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	91.6	ug/L	1.0	0.24	1		10/05/20 06:39	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/20 06:39	79-00-5	
1,1-Dichloroethane	28.7	ug/L	1.0	0.27	1		10/05/20 06:39	75-34-3	
1,1-Dichloroethene	7.9	ug/L	1.0	0.24	1		10/05/20 06:39	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/20 06:39	107-06-2	
Tetrachloroethane	0.49J	ug/L	1.1	0.33	1		10/05/20 06:39	127-18-4	
Trichloroethene	529	ug/L	10.0	2.6	10		10/05/20 10:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/20 06:39	75-01-4	
cis-1,2-Dichloroethene	5.2	ug/L	1.0	0.27	1		10/05/20 06:39	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/05/20 06:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/05/20 06:39	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/05/20 06:39	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/05/20 06:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-52 Lab ID: 40215579043 Collected: 09/25/20 13:31 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/03/20 00:10	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/03/20 00:10	79-00-5	
1,1-Dichloroethane	0.31J	ug/L	1.0	0.27	1		10/03/20 00:10	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/03/20 00:10	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/03/20 00:10	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/03/20 00:10	127-18-4	
Trichloroethene	3.3	ug/L	1.0	0.26	1		10/03/20 00:10	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/20 00:10	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/03/20 00:10	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/03/20 00:10	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/03/20 00:10	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		10/03/20 00:10	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/03/20 00:10	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-51 Lab ID: 40215579044 Collected: 09/25/20 14:06 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 22:59	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 22:59	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 22:59	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 22:59	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 22:59	107-06-2	
Tetrachloroethane	<0.33	ug/L	1.1	0.33	1		10/02/20 22:59	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 22:59	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 22:59	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 22:59	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 22:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/20 22:59	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/02/20 22:59	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/02/20 22:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: MW-46 Lab ID: 40215579045 Collected: 09/28/20 11:41 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 19:25	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 19:25	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 19:25	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 19:25	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 19:25	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 19:25	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 19:25	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 19:25	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 19:25	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 19:25	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/20 19:25	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		10/02/20 19:25	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/02/20 19:25	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: **HOBO SPRING** Lab ID: 40215579046 Collected: 09/28/20 12:15 Received: 09/30/20 09:35 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	14.6	ug/L	1.0	0.24	1		10/05/20 07:27	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/05/20 07:27	79-00-5	
1,1-Dichloroethane	5.2	ug/L	1.0	0.27	1		10/05/20 07:27	75-34-3	
1,1-Dichloroethene	1.3	ug/L	1.0	0.24	1		10/05/20 07:27	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/05/20 07:27	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/05/20 07:27	127-18-4	
Trichloroethene	132	ug/L	1.0	0.26	1		10/05/20 07:27	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/05/20 07:27	75-01-4	
cis-1,2-Dichloroethene	4.7	ug/L	1.0	0.27	1		10/05/20 07:27	156-59-2	
trans-1,2-Dichloroethene	0.48J	ug/L	1.5	0.46	1		10/05/20 07:27	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/05/20 07:27	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/05/20 07:27	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/05/20 07:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: CREEK - DOWNSTREAM Lab ID: 40215579047 Collected: 09/28/20 12:30 Received: 09/30/20 09:35 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	0.24	1		10/02/20 23:22	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 23:22	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 23:22	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 23:22	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 23:22	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 23:22	127-18-4	
Trichloroethene	3.8	ug/L	1.0	0.26	1		10/02/20 23:22	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 23:22	75-01-4	
cis-1,2-Dichloroethene	0.29J	ug/L	1.0	0.27	1		10/02/20 23:22	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 23:22	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/20 23:22	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		10/02/20 23:22	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/02/20 23:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: CREEK - UPSTREAM Lab ID: 40215579048 Collected: 09/29/20 09:15 Received: 09/30/20 09:35 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	0.34J	ug/L	1.0	0.24	1		10/02/20 23:46	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 23:46	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 23:46	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 23:46	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 23:46	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 23:46	127-18-4	
Trichloroethene	2.3	ug/L	1.0	0.26	1		10/02/20 23:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 23:46	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 23:46	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 23:46	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/20 23:46	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		10/02/20 23:46	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/02/20 23:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Sample: DUP-1 Lab ID: 40215579049 Collected: 09/22/20 00:00 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/03/20 00:33	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/03/20 00:33	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/03/20 00:33	75-34-3	
1,1-Dichloroethene	0.29J	ug/L	1.0	0.24	1		10/03/20 00:33	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/03/20 00:33	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/03/20 00:33	127-18-4	
Trichloroethene	16.4	ug/L	1.0	0.26	1		10/03/20 00:33	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/20 00:33	75-01-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.27	1		10/03/20 00:33	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/03/20 00:33	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/03/20 00:33	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		10/03/20 00:33	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/03/20 00:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: DUP-2 Lab ID: 40215579050 Collected: 09/25/20 00:00 Received: 09/30/20 09:35 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	25.8	ug/L	1.0	0.24	1		10/03/20 00:57	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/03/20 00:57	79-00-5	
1,1-Dichloroethane	6.4	ug/L	1.0	0.27	1		10/03/20 00:57	75-34-3	
1,1-Dichloroethene	2.3	ug/L	1.0	0.24	1		10/03/20 00:57	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/03/20 00:57	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/03/20 00:57	127-18-4	
Trichloroethene	161	ug/L	1.0	0.26	1		10/03/20 00:57	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/20 00:57	75-01-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.27	1		10/03/20 00:57	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/03/20 00:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/03/20 00:57	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		10/03/20 00:57	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/03/20 00:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

Sample: TRIP BLANK Lab ID: 40215579051 Collected: 09/28/20 00:00 Received: 09/30/20 09:35 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	<0.24	ug/L	1.0	0.24	1		10/02/20 19:01	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/02/20 19:01	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/02/20 19:01	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/02/20 19:01	75-35-4	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/02/20 19:01	107-06-2	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/02/20 19:01	127-18-4	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/02/20 19:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/02/20 19:01	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/02/20 19:01	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		10/02/20 19:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/02/20 19:01	460-00-4	HS
Dibromofluoromethane (S)	96	%	70-130		1		10/02/20 19:01	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/02/20 19:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40215579

QC Batch:	366982	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40215579001, 40215579002, 40215579003, 40215579004, 40215579005, 40215579006, 40215579007, 40215579008, 40215579009, 40215579010, 40215579011, 40215579012, 40215579013, 40215579014, 40215579015, 40215579016, 40215579017, 40215579018, 40215579019, 40215579020

METHOD BLANK: 2121334 Matrix: Water

Associated Lab Samples: 40215579001, 40215579002, 40215579003, 40215579004, 40215579005, 40215579006, 40215579007, 40215579008, 40215579009, 40215579010, 40215579011, 40215579012, 40215579013, 40215579014, 40215579015, 40215579016, 40215579017, 40215579018, 40215579019, 40215579020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/02/20 14:06	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/02/20 14:06	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/02/20 14:06	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/02/20 14:06	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/02/20 14:06	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/02/20 14:06	
Tetrachloroethene	ug/L	<0.33	1.1	10/02/20 14:06	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	10/02/20 14:06	
Trichloroethene	ug/L	<0.26	1.0	10/02/20 14:06	
Vinyl chloride	ug/L	<0.17	1.0	10/02/20 14:06	
4-Bromofluorobenzene (S)	%	97	70-130	10/02/20 14:06	
Dibromofluoromethane (S)	%	96	70-130	10/02/20 14:06	
Toluene-d8 (S)	%	86	70-130	10/02/20 14:06	

LABORATORY CONTROL SAMPLE: 2121335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.0	112	70-130	
1,1,2-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1-Dichloroethane	ug/L	50	51.6	103	69-163	
1,1-Dichloroethene	ug/L	50	51.1	102	77-123	
1,2-Dichloroethane	ug/L	50	45.6	91	78-142	
cis-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.5	109	70-130	
Trichloroethene	ug/L	50	56.6	113	70-130	
Vinyl chloride	ug/L	50	56.3	113	51-140	
4-Bromofluorobenzene (S)	%			109	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			96	70-130	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Parameter	Units	2122395		2122396		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40215579002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	0.57J	50	50	57.0	56.6	113	112	70-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	43.8	46.0	88	92	70-137	5	20		
1,1-Dichloroethane	ug/L	1.7	50	50	53.9	54.0	105	105	69-163	0	20		
1,1-Dichloroethene	ug/L	0.95J	50	50	55.0	53.1	108	104	77-129	4	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	46.7	49.2	93	98	78-145	5	20		
cis-1,2-Dichloroethene	ug/L	8.6	50	50	60.0	59.0	103	101	70-130	2	20		
Tetrachloroethene	ug/L	<0.33	50	50	47.8	49.4	96	99	70-130	3	20		
trans-1,2-Dichloroethene	ug/L	0.53J	50	50	55.5	56.7	110	112	70-130	2	20		
Trichloroethene	ug/L	8.4	50	50	65.7	63.6	115	110	70-130	3	20		
Vinyl chloride	ug/L	0.34J	50	50	60.2	61.8	120	123	51-140	3	20		
4-Bromofluorobenzene (S)	%						102	109	70-130				
Dibromofluoromethane (S)	%						100	102	70-130				
Toluene-d8 (S)	%						85	93	70-130				

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

QC Batch: 366983 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40215579021, 40215579022, 40215579023, 40215579024, 40215579025, 40215579026, 40215579027,
 40215579028, 40215579029, 40215579030, 40215579031, 40215579032, 40215579033, 40215579034,
 40215579035, 40215579036, 40215579037, 40215579038, 40215579039, 40215579040

METHOD BLANK: 2121336 Matrix: Water
 Associated Lab Samples: 40215579021, 40215579022, 40215579023, 40215579024, 40215579025, 40215579026, 40215579027,
 40215579028, 40215579029, 40215579030, 40215579031, 40215579032, 40215579033, 40215579034,
 40215579035, 40215579036, 40215579037, 40215579038, 40215579039, 40215579040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/02/20 07:07	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/02/20 07:07	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/02/20 07:07	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/02/20 07:07	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/02/20 07:07	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/02/20 07:07	
Tetrachloroethene	ug/L	<0.33	1.1	10/02/20 07:07	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	10/02/20 07:07	
Trichloroethene	ug/L	<0.26	1.0	10/02/20 07:07	
Vinyl chloride	ug/L	<0.17	1.0	10/02/20 07:07	
4-Bromofluorobenzene (S)	%	92	70-130	10/02/20 07:07	
Dibromofluoromethane (S)	%	99	70-130	10/02/20 07:07	
Toluene-d8 (S)	%	103	70-130	10/02/20 07:07	

LABORATORY CONTROL SAMPLE: 2121337

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.2	112	70-130	
1,1,2-Trichloroethane	ug/L	50	53.4	107	70-130	
1,1-Dichloroethane	ug/L	50	52.4	105	69-163	
1,1-Dichloroethene	ug/L	50	51.5	103	77-123	
1,2-Dichloroethane	ug/L	50	48.0	96	78-142	
cis-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
Tetrachloroethene	ug/L	50	55.4	111	70-130	
trans-1,2-Dichloroethene	ug/L	50	56.6	113	70-130	
Trichloroethene	ug/L	50	55.9	112	70-130	
Vinyl chloride	ug/L	50	60.5	121	51-140	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Parameter	Units	2122393		2122394		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40215579027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	53.8	54.2	108	108	70-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	52.4	52.5	105	105	70-137	0	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	49.8	49.6	100	99	69-163	0	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	50.6	50.1	101	100	77-129	1	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	46.6	46.9	93	94	78-145	1	20		
cis-1,2-Dichloroethene	ug/L	1.7	50	50	51.9	51.1	100	99	70-130	2	20		
Tetrachloroethene	ug/L	<0.33	50	50	54.2	54.5	108	109	70-130	1	20		
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	55.1	53.0	110	106	70-130	4	20		
Trichloroethene	ug/L	0.83J	50	50	57.3	54.5	113	107	70-130	5	20		
Vinyl chloride	ug/L	0.24J	50	50	56.7	56.6	113	113	51-140	0	20		
4-Bromofluorobenzene (S)	%						99	99	70-130				
Dibromofluoromethane (S)	%						98	98	70-130				
Toluene-d8 (S)	%						103	103	70-130				

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
 Pace Project No.: 40215579

QC Batch: 366984 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40215579041, 40215579042, 40215579043, 40215579044, 40215579045, 40215579046, 40215579047, 40215579048, 40215579049, 40215579050, 40215579051

METHOD BLANK: 2121338 Matrix: Water
 Associated Lab Samples: 40215579041, 40215579042, 40215579043, 40215579044, 40215579045, 40215579046, 40215579047, 40215579048, 40215579049, 40215579050, 40215579051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/02/20 15:04	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/02/20 15:04	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/02/20 15:04	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/02/20 15:04	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/02/20 15:04	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/02/20 15:04	
Tetrachloroethene	ug/L	<0.33	1.1	10/02/20 15:04	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	10/02/20 15:04	
Trichloroethene	ug/L	<0.26	1.0	10/02/20 15:04	
Vinyl chloride	ug/L	<0.17	1.0	10/02/20 15:04	
4-Bromofluorobenzene (S)	%	91	70-130	10/02/20 15:04	
Dibromofluoromethane (S)	%	97	70-130	10/02/20 15:04	
Toluene-d8 (S)	%	96	70-130	10/02/20 15:04	

LABORATORY CONTROL SAMPLE: 2121339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1,2-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1-Dichloroethane	ug/L	50	47.8	96	69-163	
1,1-Dichloroethene	ug/L	50	49.3	99	77-123	
1,2-Dichloroethane	ug/L	50	47.3	95	78-142	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
Tetrachloroethene	ug/L	50	59.2	118	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.1	96	70-130	
Trichloroethene	ug/L	50	57.0	114	70-130	
Vinyl chloride	ug/L	50	46.7	93	51-140	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2122032 2122033

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40215579045	Spike Conc.	Spike Conc.	Result						
1,1,1-Trichloroethane	ug/L	<0.24	50	50	52.5	53.1	105	106	70-130	1	20

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Parameter	Units	2122032		2122033		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,2-Trichloroethane	ug/L	<0.55	50	50	52.3	52.0	105	104	70-137	0	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	45.7	48.0	91	96	69-163	5	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	47.6	51.0	95	102	77-129	7	20		
1,2-Dichloroethane	ug/L	<0.28	50	50	45.9	47.7	92	95	78-145	4	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	50.5	51.4	101	103	70-130	2	20		
Tetrachloroethene	ug/L	<0.33	50	50	56.4	59.0	113	118	70-130	4	20		
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	47.6	48.7	95	97	70-130	2	20		
Trichloroethene	ug/L	<0.26	50	50	55.9	57.8	112	116	70-130	3	20		
Vinyl chloride	ug/L	<0.17	50	50	43.7	46.3	87	93	51-140	6	20		
4-Bromofluorobenzene (S)	%						97	100	70-130				
Dibromofluoromethane (S)	%						98	97	70-130				
Toluene-d8 (S)	%						100	101	70-130				

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QUALIFIERS

Project: 11717 NAVISTAR
Pace Project No.: 40215579

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.

WORKORDER QUALIFIERS

WO: 40215579
[1] Revised Report: The sample ID has been changed for 40215579022.

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40215579001	NMW-4	EPA 8260	366982		
40215579002	MW-24D	EPA 8260	366982		
40215579003	MW-24	EPA 8260	366982		
40215579004	MW-13	EPA 8260	366982		
40215579005	MW-11	EPA 8260	366982		
40215579006	NMW-9	EPA 8260	366982		
40215579007	MW-9D	EPA 8260	366982		
40215579008	MW-9D2	EPA 8260	366982		
40215579009	MW-15	EPA 8260	366982		
40215579010	NMW-8R	EPA 8260	366982		
40215579011	NMW-1	EPA 8260	366982		
40215579012	NMW-7	EPA 8260	366982		
40215579013	MW-23	EPA 8260	366982		
40215579014	MW-43	EPA 8260	366982		
40215579015	MW-34	EPA 8260	366982		
40215579016	MW-32	EPA 8260	366982		
40215579017	MW-33	EPA 8260	366982		
40215579018	MW-30	EPA 8260	366982		
40215579019	MW-31	EPA 8260	366982		
40215579020	MW-42	EPA 8260	366982		
40215579021	NMW-3R	EPA 8260	366983		
40215579022	MW-45	EPA 8260	366983		
40215579023	MW-44	EPA 8260	366983		
40215579024	MW-36	EPA 8260	366983		
40215579025	MW-37	EPA 8260	366983		
40215579026	MW-38	EPA 8260	366983		
40215579027	MW-55	EPA 8260	366983		
40215579028	MW-26	EPA 8260	366983		
40215579029	MW-47	EPA 8260	366983		
40215579030	MW-29	EPA 8260	366983		
40215579031	MW-29D	EPA 8260	366983		
40215579032	MW-53	EPA 8260	366983		
40215579033	MW-25	EPA 8260	366983		
40215579034	MW-39	EPA 8260	366983		
40215579035	MW-27	EPA 8260	366983		
40215579036	MW-54	EPA 8260	366983		
40215579037	MW-35	EPA 8260	366983		
40215579038	MW-40	EPA 8260	366983		
40215579039	MW-48	EPA 8260	366983		
40215579040	MW-41	EPA 8260	366983		
40215579041	MW-49	EPA 8260	366984		
40215579042	MW-50	EPA 8260	366984		
40215579043	MW-52	EPA 8260	366984		
40215579044	MW-51	EPA 8260	366984		
40215579045	MW-46	EPA 8260	366984		
40215579046	HOBO SPRING	EPA 8260	366984		
40215579047	CREEK - DOWNSTREAM	EPA 8260	366984		
40215579048	CREEK - UPSTREAM	EPA 8260	366984		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40215579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40215579049	DUP-1	EPA 8260	366984		
40215579050	DUP-2	EPA 8260	366984		
40215579051	TRIP BLANK	EPA 8260	366984		

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40215579

Page 74 of 80

(Please Print Clearly)

Company Name: KPRG

Branch/Location:

Project Contact:

Phone:

Project Number: 11717

Project Name: Navistar

Project State:

Sampled By (Print): Mitchel Dolan

Sampled By (Sign): [Signature]

PO #:

Regulatory Program:



CHAIN OF CUSTODY

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

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	Matrix	DATE	TIME	MATRIX	
IV	B	CVOCS		9/23	0927	GW	
					9/23	1003	
					9/23	1041	
					9/23	1120	
					9/23	1156	
					9/23	1230	
					9/23	1309	
					9/23	1340	
					9/23	1410	
					9/24	0800	
					9/24	0831	
					9/24	0903	
					9/24	0937	✓

Data Package Options (billable)

EPA Level III

EPA Level IV

MS/MSD

On your sample (billable)

NOT needed on your sample

Matrix Codes

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

Quote #:

Mail To Contact:

Mail To Company:

Mail To Address:

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested	Matrix	DATE	TIME	MATRIX	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #	
		DATE	TIME												
014	MW-43	9/23	0927	GW			CVOCS		9/23	0927	GW				
015	MW-34	9/23	1003							9/23	1003				
016	MW-32	9/23	1041							9/23	1041				
017	MW-33	9/23	1120							9/23	1120				
018	MW-30	9/23	1156							9/23	1156				
019	MW-31	9/23	1230							9/23	1230				
020	MW-42	9/23	1309							9/23	1309				
021	NMW-3R	9/23	1340							9/23	1340				
022	MW-45	9/23	1410							9/23	1410				
023	MW-44	9/24	0800							9/24	0800				
024	MW-36	9/24	0831							9/24	0831				
025	MW-37	9/24	0903							9/24	0903				
026	MW-38	9/24	0937	✓					✓	9/24	0937	✓			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <u>[Signature]</u> Date/Time: <u>9/29/20 1210</u>	Received By: <u>[Signature]</u> Date/Time: <u>9/29/20 1210</u>	PACE Project No. <u>40215579</u>
	Relinquished By: <u>Mary Farnsworth</u> Date/Time: <u>9/29/20 1300</u>	Received By: <u>[Signature]</u> Date/Time: <u>[Signature]</u>	
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <u>CS Logistics</u> Date/Time: <u>9-30-20 0935</u>	Received By: <u>Medwin J. Pohlman</u> Date/Time: <u>9-30-20 0935</u>	Sample Receipt pH OK / Adjusted
Email #1:	Relinquished By:	Received By:	Cooler Custody Seal Present / Not Present
Email #2:	Relinquished By:	Received By:	Intact / Not Intact
Telephone:	Relinquished By:	Received By:	
Fax:	Relinquished By:	Received By:	

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

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40215579

Company Name: **KPRG**

Branch/Location:

Project Contact:

Phone:

Project Number: **11717**

Project Name: **Navistar**

Project State:

Sampled By (Print): **Michel Dolan**

Sampled By (Sign): *MD*



CHAIN OF CUSTODY

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

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Matrix Codes	Analyses Requested
N	B		CVOCS

PO #: _____ Regulatory Program: _____

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
027	MW-55	9/24	1009	GW
028	MW-26	9/24	1050	
029	MW-47	9/24	1126	
030	MW-29	9/24	1205	
031	MW-29D	9/24	1233	
032	MW-53	9/24	1315	
033	MW-25	9/24	1353	
034	MW-39	9/25	0809	
035	MW-27	9/25	0845	
036	MW-54	9/25	0919	
037	MW-35	9/25	0959	
038	MW-40	9/25	1037	
039	MW-48	9/25	1110	

Quote #:

Mail To Contact:

Mail To Company:

Mail To Address:

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

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

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

Email #1: _____

Email #2: _____

Telephone: _____

Fax: _____

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

Relinquished By: <i>MD</i>	Date/Time: 9/29/20 1210	Received By: <i>Mary Janni</i>	Date/Time: 9/29/20 1210
Relinquished By: <i>Mary Janni</i>	Date/Time: 9/29/20 1300	Received By: <i>Mary Janni</i>	Date/Time: 9/29/20 1300
Relinquished By: <i>CB Logistics</i>	Date/Time: 9/30/20 0935	Received By: <i>Modulmi J. Johnson</i>	Date/Time: 9/30/20 0935
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

PACE Project No. **40215579**

Receipt Temp = **ROD** °C

Sample Receipt pH
 OK / Adjusted

Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

(Please Print Clearly)

Company Name: **KPRG**
 Branch/Location:
 Project Contact:
 Phone:
 Project Number: **11717**
 Project Name: **Naristar**
 Project State:
 Sampled By (Print): **Mitchel Dlan**
 Sampled By (Sign): *Mitchel Dlan*
 PO #:
 Regulatory Program:



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

40215579

CHAIN OF CUSTODY

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

Filtered? (YES/NO)	Y/N	Pick Letter	Analysis Requested
	N	B	CUZCS

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Filtered?	Y/N	Pick Letter	Analysis Requested
		DATE	TIME					
040	MW-41	9/25	1140	GW				X
041	MW-49	9/25	1214					
042	MW-50	9/25	1256					
043	MW-52	9/25	1331					
044	MW-51	9/25	1406					
045	MW-46	9/28	1141					
046	HOB0 SPRING	9/28	1215	SW				
047	CREEK - DOWNSTREAM	9/28	1230	SW				
048	CREEK - UPSTREAM	9/29	0915	SW				
049	DUP-1	9/22	-	GW				
050	DUP-2	9/25	-	GW				
051	TRIP BLANK	-	-	W				

Quote #:
Mail To Contact:
Mail To Company:
Mail To Address:
Invoice To Contact:
Invoice To Company:
Invoice To Address:
Invoice To Phone:
CLIENT COMMENTS
LAB COMMENTS (Lab Use Only)
Profile #

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *Mitchel Dlan* Date/Time: 9/29/20/1210
 Relinquished By: *Mary Jamin* Date/Time: 9/29/20 1330
 Relinquished By: *CS Logistics* Date/Time: 9-30-20 0935
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *Mary Jamin* Date/Time: 9/29/20 1210
 Received By: _____ Date/Time: _____
 Received By: *Mariam Zibek* Date/Time: 9/30/20 0935
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40215579
 Receipt Temp = ROT °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 209
Green Bay, WI 54302

Client Name: KPBG

Project # 40215579

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

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass					Plastic					Vials			Jars				General			VOA Vials (>6mm) *	H2SO4 pH s2	NaOH+Zn Act pH z9	NaOH pH z12	HNO3 pH s2	pH after adjusted	Volume (mL)		
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU								JG9U	WGFU
001																3													2.5/5/10
002																3													2.5/5/10
003																3													2.5/5/10
004																3													2.5/5/10
005																3													2.5/5/10
006																3													2.5/5/10
007																3													2.5/5/10
008																3													2.5/5/10
009																3													2.5/5/10
010																3													2.5/5/10
011																3													2.5/5/10
012																3													2.5/5/10
013																3													2.5/5/10
014																3													2.5/5/10
015																3													2.5/5/10
016																3													2.5/5/10
017																3													2.5/5/10
018																3													2.5/5/10
019																3													2.5/5/10
020																3													2.5/5/10

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

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

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

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

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

Sample Preservation Receipt Form

Client Name: KPRG

Project #: 4020579

Page 78 of 80

Pace Lab #	Glass									Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN		
021																3																			2.5 / 5 / 10
022																3																			2.5 / 5 / 10
023																3																			2.5 / 5 / 10
024																3																			2.5 / 5 / 10
025																3																			2.5 / 5 / 10
026																3																			2.5 / 5 / 10
027																3																			2.5 / 5 / 10
028																3																			2.5 / 5 / 10
029																3																			2.5 / 5 / 10
030																3																			2.5 / 5 / 10
031																3																			2.5 / 5 / 10
032																3																			2.5 / 5 / 10
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034																3																			2.5 / 5 / 10
035																3																			2.5 / 5 / 10
036																3																			2.5 / 5 / 10
037																3																			2.5 / 5 / 10
038																3																			2.5 / 5 / 10
039																3																			2.5 / 5 / 10
040																3																			2.5 / 5 / 10
041																3																			2.5 / 5 / 10
042																3																			2.5 / 5 / 10
043																3																			2.5 / 5 / 10
044																3																			2.5 / 5 / 10
045																3																			2.5 / 5 / 10
046																3																			2.5 / 5 / 10
047																3																			2.5 / 5 / 10
048																3																			2.5 / 5 / 10

Sample Preservation Receipt Form

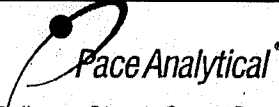
Client Name: KPR6

Project #: 40215579

Page 79 of 80

Pace Lab #	Glass						Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN
049																																	2.5/5/10
050																																	2.5/5/10
051																																	2.5/5/10
																																	2.5/5/10
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MUR
9-30-20


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

Sample Condition Upon Receipt Form (SCUR)

Client Name: KPRG Project #: _____

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

WO#: **40215579**



40215579

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 - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROZ /Corr: _____

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: 9-30-20 Initials: MLR
Labeled By Initials: gbs

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>mail + invoice info</u> <u>MLR 9-30-20</u>
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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<u>MLR</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<u>9-30-20</u> <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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>no date: (1) 027 + (1) 033, no time: (1) 038, ID "M": (1) 040 + ID "MW-53": (1)</u>
-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. <u>036 - both matched by date/time</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>MLR 9-30-20</u>
Pace Trip Blank Lot # (if purchased):	<u>448</u>	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____