K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER - SURFACE WATER DATA TRANSMITTAL

January 28, 2021

Mr. Mark Drews, P.G.
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

VIA E-MAIL and U.S. MAIL

KPRG Project No. 11717

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

Dear Mr. Drews:

The fourth quarterly groundwater/surface water sampling was completed in December 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 is noted that the TCE concentration at monitoring well MW-50 which was uncharacteristically elevated (529 ug/l) in the September 2020 sampling showed a decrease in concentration during this sampling (209 ug/l). It is also noted that MW-28, which was previously damaged and not able to be sampled, was repaired on November 13, 2020 and will return to being sampled on a regular quarterly basis. There were discrepancies in the TCE concentration between two of the investigative and duplicate samples, Duplicate-2 (176 ug/l) taken from MW-27 (<0.26 ug/l) and Duplicate-3 (<0.26 ug/l) taken from MW-50 (209 ug/l). Both of these wells were resampled on January 18, 2021 and another duplicate sample (Duplicate-4) was also collected from MW-50. The resulting analytical data showed the following TCE concentrations: MW-27 (<0.26 ug/l), MW-50 (65.3 ug/l) and Duplicate-4 (64.7 ug/l).

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

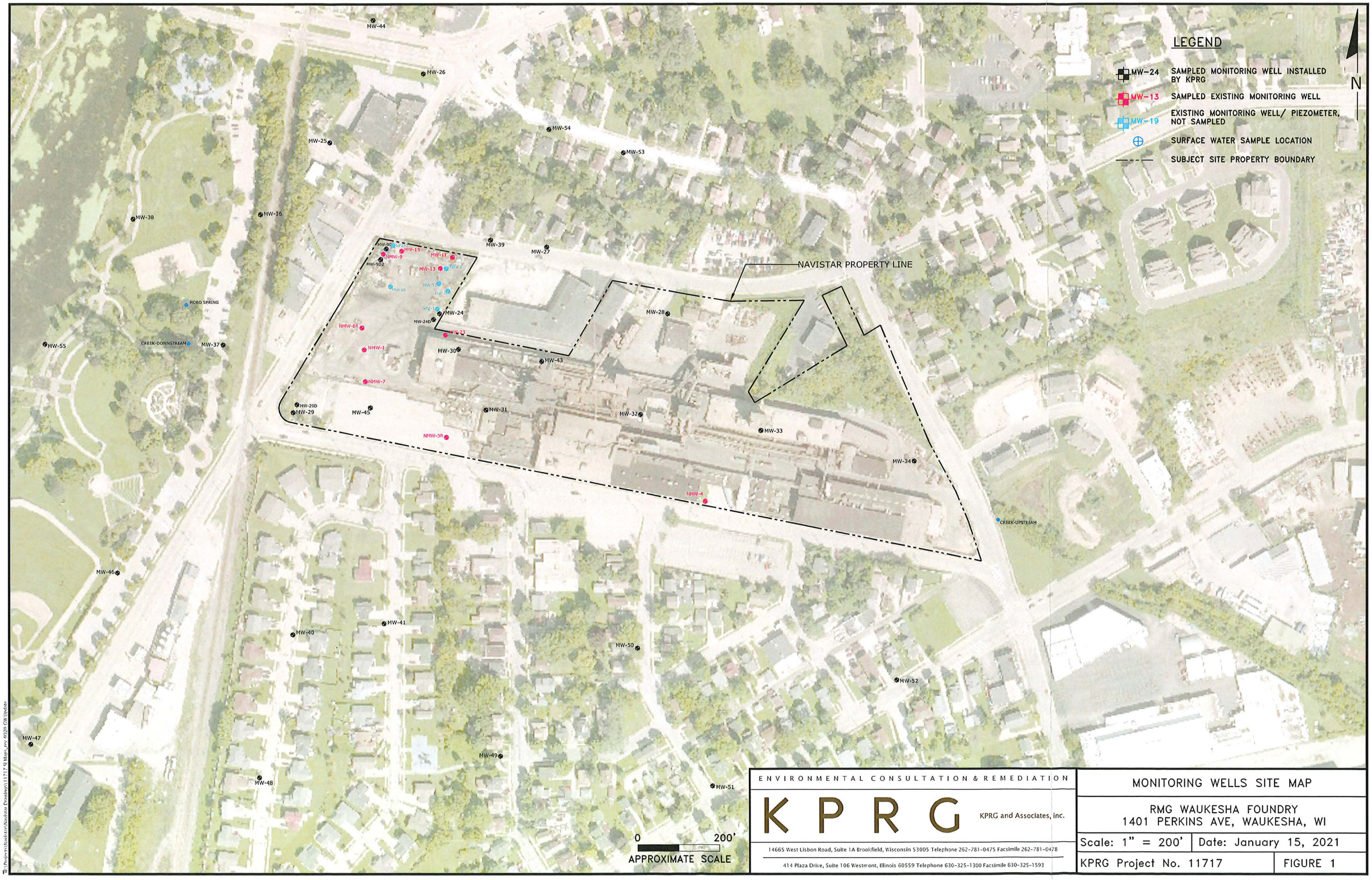
Sincerely,
KPRG and Associates, Inc.

Richard R Gnat

Richard R. Gnat, P.G.
Principal

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

FIGURES



W:\Projects\Navistar\Navistar Drawings\11717-SJ Maps.prj 4/2021 GW Update

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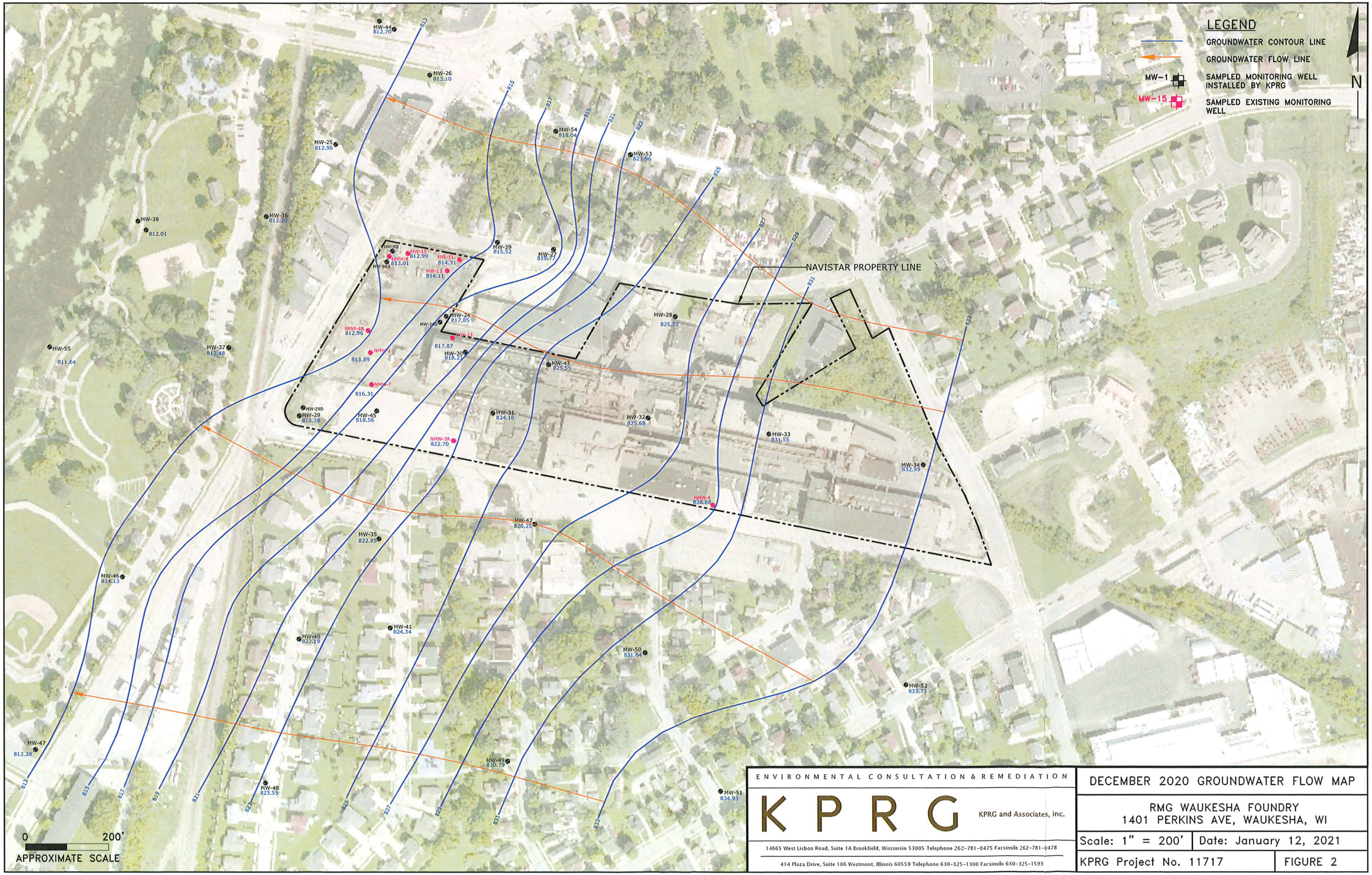
MONITORING WELLS SITE MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

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



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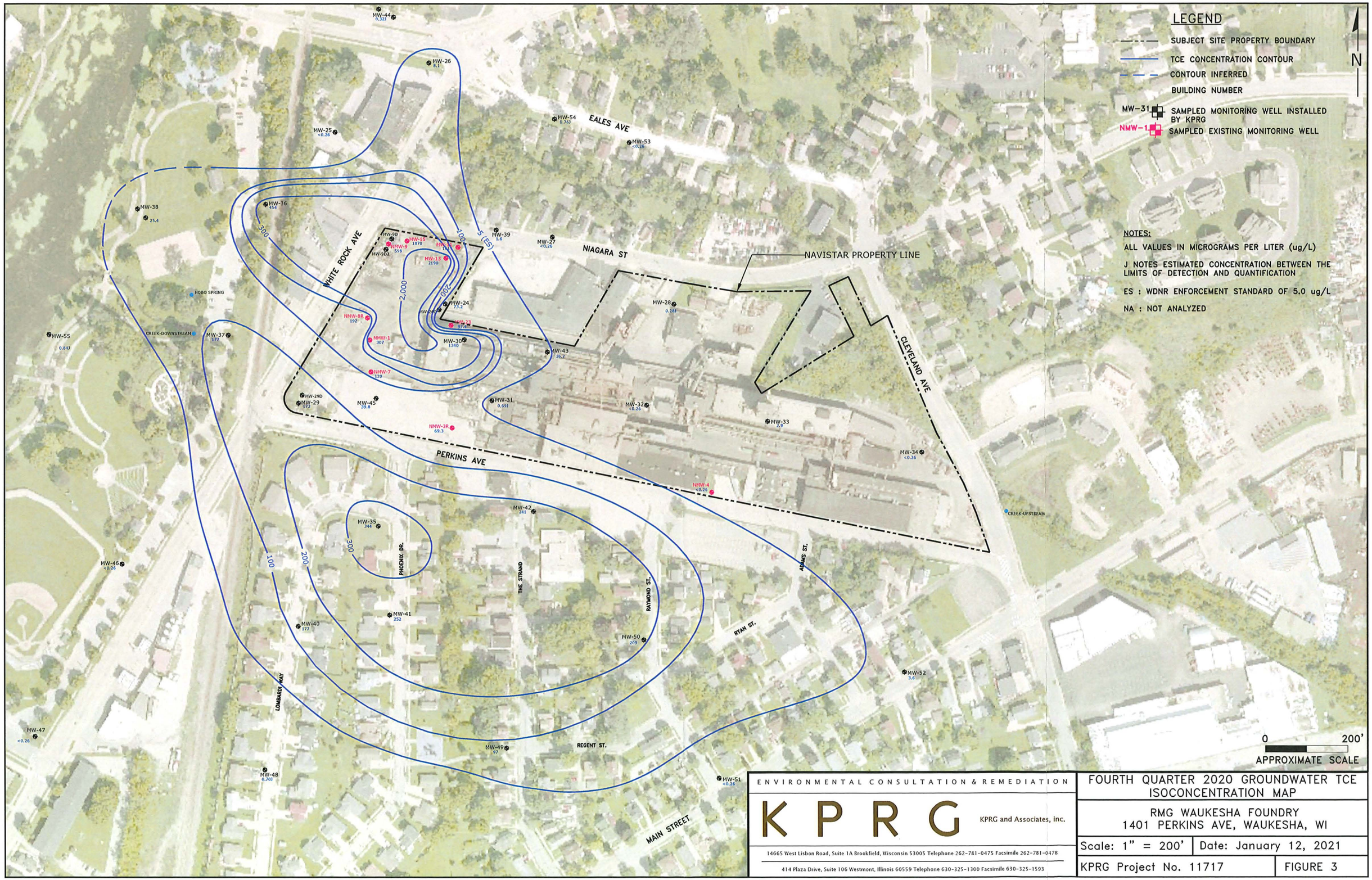
DECEMBER 2020 GROUNDWATER FLOW MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' | Date: January 12, 2021

KPRG Project No. 11717 | FIGURE 2



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FOURTH QUARTER 2020 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' | Date: January 12, 2021

KPRG Project No. 11717 | FIGURE 3

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		12/14/2021	
			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	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	17.42	813.89
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	8.78	822.70
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	12.19	828.88
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	15.24	816.31
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	18.40	812.96
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	18.88	813.01
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	18.61	813.25
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	18.79	813.22
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	17.30	814.31
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	18.09	814.11
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	18.82	812.99
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	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	14.49	817.87
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	14.10	817.85
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	18.11	813.85
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	18.73	812.96
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	19.02	813.10
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	16.56	815.77
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	9.65	825.72
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	17.88	813.38
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	12.54	818.60
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	17.24	818.21
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	8.31	824.18
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	9.05	825.68
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	4.24	831.55
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	6.71	832.99
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	8.98	822.85
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	4.26	812.20
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	7.44	812.48
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	2.07	812.01
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	17.07	815.52
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	9.68	822.19
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	9.19	824.34
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	5.88	826.25
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	8.63	825.55
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	14.74	812.70
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	12.94	818.56
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	9.44	814.13
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	10.06	812.28
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	9.88	823.55
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	6.06	830.79
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	832.69	14.01	832.52	13.44	833.09	14.29	832.24	14.89	831.64
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	18.74	834.93
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	16.43	833.73
MW-53	834.67	834.56	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	10.93	823.63	11.32	823.24	10.90	823.66	10.99	823.57	11.05	823.51	11.29	823.27	10.60	823.96
MW-54	833.76	833.46	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	15.23	818.23	15.75	817.71	15.33	818.13	14.31	819.15	15.27	818.19	16.62	816.84	15.42	818.04
MW-55	812.55	812.34	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	0.75	811.59	1.18	811.16	0.50	811.84	0.50	811.84	0.50	811.84	0.50	811.84	0.70	811.64

Notes: Depths are in feet below top of casing. Elevations are in feet above mean sea level.
Dry - MW-16 is obstructed and dry.
NI - Not Installed
NM - Not Measured

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

Well No.	WDNR NR 140 Standards		NMW-1																	
Parameter Date	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	9/20/2020	12/16/2020
1,1,1-Trichloroethane	40	200	560	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	46.3
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	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	<1.4
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	8.0	14.4	16.5
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	5.5
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	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	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	<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	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	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	NA
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<0.50	<0.73	<0.36	<0.36	NA	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	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	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	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	NA
Chloromethane	3	30	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<0.50	<4.4	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	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	3.2	3.4
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	NA
Dibromochloromethane	6	60	ND	ND	ND	ND	<2.0	<2.0	<1.0	<0.50	<0.50	<5.2	<2.6	<2.6	NA	NA	NA	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	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	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	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	<0.82
trans-1,2-Dichloroethene	20	100	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	<1.2	<1.2	<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	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	307
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	NA
Vinyl chloride	0.02	0.2	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		NMW-3R														
Parameter Date	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	9/23/2020	12/17/2020
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	7
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	< 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	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
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	3.4
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	1.4
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	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	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	<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	NA
1,3-Dichlorobenzene	120	600	ND	ND	< 0.50	<0.50	<0.50	<0.63	<0.87	<0.63	NA	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	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	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	NA
Chlorobenzene	NS	NS	ND	ND	< 0.50	<0.50	<0.50	<0.71	<0.71	<0.71	NA	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	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	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	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	8.0	6.1	8.4	10.7	11.3
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	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	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	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	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	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	<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	0.52J
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	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	69.3
Trichlorofluoromethane	NS	NS	ND	ND	< 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	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	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		NMW-4																	
Parameter Date	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	12/16/2020
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
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
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
1,1-Dichloroethane	85	850	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	<0.41	<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
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
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
1,2-Dichloroethane	0.5	5	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	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
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
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	<0.5	<0.5	< 0.50	<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
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
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
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
Chloromethane	3	30	ND	ND	ND	ND	<0.5	<0.5	< 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	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
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
Dibromochloromethane	6	60	ND	ND	ND	ND	<0.5	<0.5	< 0.50	<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
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
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
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
trans-1,2-Dichloroethene	20	100	ND	ND	ND	ND	<0.26	<0.26	< 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
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
Trichloroethene	0.5	5	22	21	17	8.4	0.33 J	0.77 J	< 0.33	<0.33	<0.33	<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
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	<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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		NMW-7																
Parameter Date	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	12/16/2020
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	16.6
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	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	<0.55
1,1-Dichloroethane	85	850	6.1	3.7	2.8	6.0	9.3	6.1	4.1	5.3	12.9	5.5	6.2	2.0	4.1	3.9	2.5	4.6	6.3
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	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	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	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	<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	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	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	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	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	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	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	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	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	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	2.1
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	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	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	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	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	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	<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	<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	NA
Trichloroethene	0.5	5	ND	ND	89	157	127	79.4	99.5	110	272	131	172	60.9	88.9	88	57.4	112	139
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	NA
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	<0.18	<0.18	<0.35	<0.35	<0.17	<0.44	0.22 J	0.68 J	<0.17	0.24 J	<0.17	<0.17	0.56J

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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		NMW-8R														
Parameter Date	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	12/16/2020
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	22.9
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	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
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	8.8
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**	4.0	2.1	2.7
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	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	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	<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	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	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	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	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	NA
Chlorobenzene	NS	NS	ND	ND	<1.2	<1.0	<1.0	<1.4	<1.4	<1.4	NA	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	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	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	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	2.5
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	<1.2	<1.0	<1.0	<7.3	<7.3	<7.3	NA	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	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	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	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	NA
Tetrachloroethene	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	<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	<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	NA
Trichloroethene	0.5	5	**267**	**167**	**179**	**249**	**199**	**221**	**265**	**235**	**237**	**173**	**228**	**209**	**190**	**171**	**192**
Trichlorofluoromethane	NS	NS	ND	ND	<0.46	<0.37	<0.37	<0.43	<0.43	<0.43	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		NMW-9															
Parameter Date	PAL	ES	4/11/1996*	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	12/15/2020
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	22.8
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
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	<1.1
1,1-Dichloroethane	85	850	20	2.9	4.0	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	10.9
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	0.32J	1.2J
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
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
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	<0.56
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
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
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
Bromodichloromethane	0.06	0.6	ND	ND	**0.62 J**	<1.0	<2.0	<1.2	<1.2	<0.36	<0.36	<0.36	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
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
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
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
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
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	1.0	1.0 J	1.9	14.6
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
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
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
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
Methylene Chloride	0.5	5	ND	2.4 B	ND	ND	<0.93	<0.58	<0.58	<0.58	<0.58	<0.58	NA	NA	NA	NA	NA	NA	NA
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	<0.65
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	<0.46	1.8J
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
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**	**598**
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
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	<0.35

Notes: Results are in ug/L.
PAL - Preventative Action Limit
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NA - Not Analyzed
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Underlined - Exceeds PAL
Bold - Exceeds ES
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-9D											
Parameter Date	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	9/22/2020	12/15/2020
1,1,1-Trichloroethane	40	200	<.50	<0.50	<0.50	51.8	30.9	31.8	8.4	14.4	24.2	18.5	21.1	37.5	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.28	<2.8	<1.4	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.55	<5.5	<2.8	<1.1	<1.1	<2.8	<1.1	<2.2	<1.1	<0.55
1,1-Dichloroethane	85	850	0.52 J	<0.24	<0.24	37.4	17.9	18.4	4.6	8.4	17.2	11.6	10.4	17.5	0.28J
1,1-Dichloroethene	0.7	7	0.64 J	<0.41	<0.41	**19.9**	4.7 J	7.0	2.2	2.3	5.2	4.5	<0.98	<0.49	0.33J
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<0.95	<9.5	<4.8	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.71	<7.1	<3.5	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.28	<2.8	<1.4	<0.56	<0.56	<1.4	<0.56	<1.1	<0.56	<0.28
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.28	<2.8	<1.4	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.63	<6.3	<3.1	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.94	<9.4	<4.7	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	**3.4**	<0.50	<0.50	<0.36	<3.6	<1.8	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.17	<1.7	<0.83	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<7.1	<3.6	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.37	<0.37	<0.37	<1.3	<13.4	<6.7	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<12.7	<6.4	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<0.50	<0.50	<0.50	<2.2	<21.9	<10.9	NA	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**	2.5
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<3.6	<36.3	<18.1	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	5.8	<0.50	<0.50	<2.6	<26.0	<13.0	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.50	<5.0	<2.5	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<1.2	<11.8	<5.9	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.58	<5.8	<2.9	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.33	<3.3	<1.6	<0.65	<0.65	<1.6	<0.65	<1.3	<0.65	<0.33
trans-1,2-Dichloroethene	20	100	0.35 J	<0.26	<0.26	2.0 J	<10.9	<5.5	<2.2	<2.2	<5.5	<2.2	<1.9	3.0 J	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<4.4	<43.7	<21.9	NA	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**	**28.4**
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<2.1	<1.1	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	<0.18	<0.18	0.26 J	<1.7	<0.87	<0.35	<0.35	<0.87	<0.35	<0.70	<0.35	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-9D2						
Parameter Date	PAL	ES	7/1/2019	9/16/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020	12/15/2020
1,1,1-Trichloroethane	40	200	<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
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	0.40 J	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1-Dichloroethene	0.7	7	0.34 J	<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
1,2-Dichlorobenzene	60	600	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
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	5.7	<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
Dibromochloromethane	6	60	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	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
trans-1,2-Dichloroethene	20	100	<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
Trichloroethene	0.5	5	**46.7**	<0.26	2.2	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	NS	NS	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

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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-11																		
Parameter Date	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	9/22/2020	12/15/2020
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	4.0	4.2
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	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	<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	2.2 J	2.5	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	0.76 J	0.96 J	1
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	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	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	<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	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	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	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	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	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	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	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	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	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	16.5	25.1	12.3	10.6	9.0	10.9	7.7
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	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	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	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	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	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	<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	0.56 J	<0.46
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	NA
Trichloroethene	0.5	5	110	360	560	1,700	550	1,200	659	683	403	222	203	288	220	258	437	275	235	132	137	161
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	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-13																		
Parameter Date	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	9/22/2020	12/15/2020
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	38.4
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	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	<5.5
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	37.6
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	8.0	2.3 J	4.2	5.7 J	15.2	15.6
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	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	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	<2.8
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	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	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	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	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	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	NA
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	ND	<1.9	<1.9	<1.9	<6.7	<3.4	<6.7	NA	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	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	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	39.1
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	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	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	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	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	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	<3.3
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	5.2 J	3.5 J	<4.6
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	NA
Trichloroethene	0.5	5	180	410	1,100	2,500	390	655	315	935	416	241	231	1,010	374	367	565	413	370	1,090	1,740	2190
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	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	<1.7

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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-15																	
Parameter Date	PAL	ES	3/16/1992*	10/13/1992*	4/11/1996*	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	9/13/2019	12/11/2019	3/19/2020	6/23/2020	9/22/2020	12/15/2020
1,1,1-Trichloroethane	40	200	**240**	**420**	200	39	6.8	16.7	23.9	25.3	16.6	33.8	23.5	25.4	12.1	55.5	20.5	22.9	90.3	50.5	66.6
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.99	<0.99	<0.99	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<11.0	<11.0
1,1-Dichloroethane	85	850	ND	28	23	6.7	8.4	11.6	15.1	15.2	9.3	26	15.5	15.5	7.2	31.2	14.6	13.7	41.4	25.6	34.8
1,1-Dichloroethene	0.7	7	**24**	**120**	**27**	6.1 Q	**267**	4.1	5.9	6.8	3.4 J	**12**	6.2	5.1	2.3 J	**16.9**	4.2 J	**7.9**	**12.8**	**7.6 J**	**14.9J**
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	ND	ND	ND	<11.0	<11.0	<11.0	<4.8	<4.8	<4.8	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.5	<3.5	<3.5	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	ND	ND	ND	ND	ND	ND	<0.84	<0.84	<0.84	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<5.6	<5.6
1,2-Dichloropropane	0.5	5	ND	ND	ND	ND	ND	ND	<1.2	<1.2	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.1	<3.1	<3.1	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<4.7	<4.7	<4.7	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	ND	ND	ND	ND	<2.0	<2.0	<2.5	<2.5	<2.5	<1.8	<1.8	<1.8	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<0.83	<0.83	<0.83	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<3.6	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	ND	ND	ND	ND	ND	ND	<1.9	<1.9	<1.9	<6.7	<6.7	<6.7	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	ND	ND	ND	ND	ND	ND	<12.5	<12.5	<12.5	<6.4	<6.4	<6.4	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	ND	ND	ND	ND	<2.0	<2.0	<2.5	<2.5	<2.5	<10.9	<10.9	<10.9	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	**210**	**300**	**140**	28	21.5	26.8	36.2	41	21.8	33.2	42.8	39.9	19.3	32.9	36.2	42.2	49.3	31.7	42.6
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<18.1	<18.1	<18.1	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	ND	ND	ND	ND	<2.0	<2.0	<2.5	<2.5	<2.5	<13.0	<13.0	<13.0	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	ND	ND	ND	<10.5	<10.5	<10.5	<5.9	<5.9	<5.9	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	ND	**28 B**	ND	5.4 QB	ND	ND	<1.2	<1.2	<1.2	<2.9	<2.9	<2.9	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	ND	ND	ND	ND	ND	ND	<2.5	<2.5	<2.5	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<6.5	<6.5
trans-1,2-Dichloroethene	20	100	ND	ND	ND	ND	<1.0	2.1 J	2.3	2.1J	1.7 J	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	5.0J	<9.3	<9.3
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	ND	ND	ND	<1.1	<1.1	<1.1	<21.9	<21.9	<21.9	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	**410**	**1,100**	**1,400**	**360**	**373**	**425**	**484**	**514**	**323**	**858**	**482**	**496**	**294**	**1,490**	**433**	**500**	**1,570**	**1,080**	**1870**
Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	<0.92	<0.92	<0.92	<1.1	<1.1	<1.1	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	ND	ND	ND	ND	<0.70	<0.70	<0.88	<0.88	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	**1.7 J**	<3.5	<3.5

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-23															
Parameter Date	PAL	ES	12/16/1992*	6/5/2015*	9/20/2016*	11/30/2017	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	6/23/2020	9/23/2020	12/16/2020
1,1,1-Trichloroethane	40	200	ND	96.7	**344**	**363**	**435**	<25.0	**450**	**248**	**323**	171	13.7	7.3	3.0	2.6	3.0	5.3
1,1,2,2-Tetrachloroethane	0.02	0.2	ND	ND	ND	<18.1	<12.5	<12.5	<1.1	<11.0	<27.5	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	ND	ND	ND	<19.7	<9.9	<9.9	<2.2	<22.1	<55.2	<27.6	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
1,1-Dichloroethane	85	850	ND	87.2	183	179	177	152	137	82.1	124	78.9	4.1	2.9	1.8	1.2	1.4	2.8
1,1-Dichloroethene	0.7	7	ND	**58.1**	**44.1**	**106**	**127**	**117**	**83.5**	**40.2**	**84.1 J**	**48.6 J**	3.1	1.7	0.75 J	0.64 J	0.93 J	1.3
1,2,4-Trichlorobenzene	14	70	ND	ND	ND	<221	<110	<110	<3.8	<38.1	<95.1	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	ND	ND	ND	<50.0	<25.0	<25.0	<2.8	<28.2	<70.5	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	ND	ND	ND	<16.8	<8.4	<8.4	<1.1	<11.2	<28.0	<14.0	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,2-Dichloropropane	0.5	5	ND	ND	ND	<23.3	<11.7	<11.7	<1.1	<11.3	<28.3	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	ND	ND	ND	<50.0	<25.0	<25.0	<2.5	<25.1	<62.8	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	ND	ND	ND	<50.0	<25.0	<25.0	<3.8	<37.7	<94.4	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	ND	<20.0	<20.0	<50.0	<25.0	<25.0	<1.5	<14.5	<36.4	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	ND	ND	ND	<50.0	<25.0	<25.0	<0.66	<6.6	<16.6	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	ND	ND	ND	<50.0	<25.0	<25.0	<2.8	<28.4	<71.1	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	ND	ND	ND	<37.5	<18.7	<18.7	<5.4	<53.7	<134	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	ND	ND	ND	<250	<125	<125	<5.1	<51.0	<127	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	ND	<20.0	<20.0	<50.0	<25.0	<25.0	<8.8	<87.6	<219	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	ND	27.9 J	23.1 J	**151**	49.5 J	**85.6**	54.8	27.0 J	34.4 J	43.1 J	4.9	7.4	10.1	6.1	8.2	14.5
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	<50.0	<25.0	<25.0	<14.5	<145	<363	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	ND	<20.0	<20.0	<50.0	<25.0	<25.0	<10.4	<104	<260	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	ND	ND	ND	<22.4	<11.2	<11.2	<2.0	<20.0	<50.0	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	ND	ND	ND	<211	<105	<105	<4.7	<47.3	<118	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	**7.6 B**	ND	ND	**29.9 J**	<11.6	<11.6	<2.3	<23.2	<58.1	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	ND	ND	ND	<0.50	<25.0	<25.0	1.3 J	<13.1	<32.6	<16.3	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	ND	<10.3	<10.3	<25.7	<12.8	<12.8	<4.4	<43.6	<109	<54.5	<1.1	<1.1	<0.46	<0.46	0.57 J	0.94J
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	ND	<23.0	<11.5	<11.5	<17.5	<175	<437	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	**27**	**3,400**	**5,100**	**5,000**	**6,010**	**5,870**	**4,600**	**3,340**	**4,910**	**2,940**	**219**	**117**	**60.7**	**44.6**	**55.7**	**97.4**
Trichlorofluoromethane	NS	NS	ND	ND	ND	<18.5	<9.2	<9.2	<0.86	<8.6	<21.5	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	ND	<7.0	<7.0	<17.6	<8.8	<8.8	**0.97 J**	<7.0	<17.5	<8.7	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-24														
Parameter Date	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	12/15/2020
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	2.5
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	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	<0.55
1,1-Dichloroethane	85	850	ND	102	39.6	79.2	95.2	26.4	31.5	65	86.2	37.4	47.2	72.7	3.2	0.75 J	1.3
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**	1.8 J	0.35 J	0.70J
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	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	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	<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	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	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	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	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	NA
Chlorobenzene	NS	NS	ND	ND	<5.0	<5.0	<10.0	<14.2	<7.1	<35.5	NA	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	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	NA
Chloromethane	3	30	ND	<25.0	<5.0	<5.0	<10.0	<43.8	<21.9	<109	NA	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	6.0	4.1	4.2
cis-1,3-Dichloropropene	0.04	0.4	ND	ND	<5.0	<5.0	<10.0	<72.6	<36.3	<181	NA	NA	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	NA
Dichlorodifluoromethane	200	1,000	ND	ND	<2.2	<2.2	<4.5	<10	<5.0	<25.0	NA	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	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	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	<0.33
trans-1,2-Dichloroethene	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	<0.46
trans-1,3-Dichloropropene	0.04	0.4	ND	ND	<2.3	<2.3	<4.6	<87.4	<43.7	<219	NA	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**	**73.2**
Trichlorofluoromethane	NS	NS	ND	ND	<1.8	<1.8	<3.7	<4.3	<2.1	<10.7	NA	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	<0.17

Notes: Results are in ug/L.
PAL - Preventative Action Limit
ES - Enforcement Standard
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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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-24D												
Parameter Date	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	12/15/2020
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	0.57 J	0.59J
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	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	1.7	4.2
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	0.95 J	1.7
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	2.4	4.3	6.7	<0.27	8.4	7.4	6.8	5.1	7.5	<0.27	0.80 J	8.6	25
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-Dichloroethene	20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	0.53 J	1.6
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	2.2	5.0	4.1	<0.26	3.0	3.1	1.9	1.7	2.0	1.0	2.8	**8.4**	**20.5**
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	**0.60 J**	<0.18	<0.17	**0.44 J**	<0.17	<0.17	<0.17	**0.28 J**	<0.17	<0.17	**0.34 J**	**0.66J**

Notes: Results are in ug/L.
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NA - Not Analyzed
ND - Not Detected

Underlined - Exceeds PAL
Bold - Exceeds ES
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-25												
Parameter Date	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	12/18/2020
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	<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	<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	<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
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-Dichloroethene	20	100	<0.26	<0.26	<0.26	<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
Trichloroethene	0.5	5	0.83 J	0.45 J	<0.33	<0.26	0.26 J	1.2	0.32 J	<0.26	<0.26	0.40 J	<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	<0.18	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-26										
Parameter Date	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	9/24/2020	12/15/2020
1,1,1-Trichloroethane	40	200	0.60 J	0.36 J	1.5	4.1	1.6	0.96 J	2.0	2.1	0.76 J	0.48 J	<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	0.29 J	<0.27	1.1	3.0	1.3	0.97 J	1.9	1.5	0.74J	0.69 J	<0.27
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	<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	<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	<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	<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	16.3	12.7	34.1	104	50.1	34.9	52.6	51.5	27.2	15.5	8.1
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	0.44 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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-27													
Parameter Date	PAL	ES	11/28/2017	3/13/3018	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	12/18/2020	1/18/20201(R)
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	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	0.60 J	0.76J	0.70J
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	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	<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	NA	<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	<0.46	NA	NA	NA
Trichloroethene	0.5	5	<0.33	0.64 J	<0.33	<0.26	<0.26	1.8	<0.26	<0.26	0.26 J	<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	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	<0.18	**10.9**	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-28												
Parameter Date	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	12/16/2020
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	<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	NA	NA	NA	NA	<0.55
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	<0.27
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	<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	NA	NA	NA	NA	<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	0.28 J	1.4	0.44 J	<0.27	<0.27	<0.27	<0.27	<0.27	NA	NA	NA	NA	<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	NA	NA	NA	NA	<0.33
trans-1,2-Dichloroethene	20	100	<0.26	<0.26	<0.26	<1.1	<1.1	<1.1	<1.1	<1.1	NA	NA	NA	NA	<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
Trichloroethene	0.5	5	0.55 J	0.84 J	0.69 J	<0.26	0.28 J	1.9	0.38 J	0.31 J	NA	NA	NA	NA	0.28J
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	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-29												
Parameter Date	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	12/17/2020
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	21.8
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	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	<0.55
1,1-Dichloroethane	85	850	12.4	14.4	12.6	11	8.9	8.6	8.7	9.0	10.1	9.2	<0.27	7.3	10.3
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	2.5
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<4.4	<1.9	<1.9	<1.9	NA	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	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	<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	NA
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<1.0	<1.3	<1.3	<1.3	NA	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	NA
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<1.0	<0.73	<0.73	<0.73	NA	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	NA
Chlorobenzene	NS	NS	<0.50	<0.50	<1.0	<1.4	<1.4	<1.4	NA	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	NA
Chloroform	0.6	6	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	NA	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	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	7.7
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	NA
Dibromochloromethane	6	60	<0.50	<0.50	<1.0	<5.2	<5.2	<5.2	NA	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	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	NA
Methylene Chloride	0.5	5	<0.23	<0.23	<0.47	<1.2	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.50	<0.50	<1.0	<0.65	<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	<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	NA
Trichloroethene	0.5	5	**255**	**220**	**233**	**220**	**182**	**158**	**156**	**207**	**195**	**160**	<0.26	**139**	**173**
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.37	<0.43	<0.43	<0.43	NA	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-29D												
Parameter Date	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	12/17/2020
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	<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	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	7.6	<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	2.9	<0.24	<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	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	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	6.9	<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-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
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	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<0.26	<0.26	0.63 J	<0.26	**157**	<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	<0.18	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-30												
Parameter Date	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	12/16/2020
1,1,1-Trichloroethane	40	200	462	383	448	328	350	299	274	244	247	291	33.1	27.6	80.8
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	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	<5.5
1,1-Dichloroethane	85	850	216	160	168	114	129	124	91.4	64	113	99.8	12.1	11.1	33.6
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	<2.4
1,2,4-Trichlorobenzene	14	70	<221	<110	<110	<47.6	<47.6	<47.6	NA	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	NA
1,2-Dichloroethane	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	<2.8
1,2-Dichloropropane	0.5	5	<23.3	<11.7	<11.7	<14.1	<14.1	<14.1	NA	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	NA
1,4-Dichlorobenzene	15	75	<50.0	<25.0	<25.0	<47.2	<47.2	<47.2	NA	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	NA
Carbon tetrachloride	0.5	5	<50.0	<25.0	<25.0	<8.3	<8.3	<8.3	NA	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	NA
Chloroethane	80	400	<37.5	<18.7	<18.7	<67.1	<67.1	<67.1	NA	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	NA
Chloromethane	3	30	<50.0	<25.0	<25.0	<109	<109	<109	NA	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	16.7
cis-1,3-Dichloropropene	0.04	0.4	<50.0	<25.0	<25.0	<181	<181	<181	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<50.0	<25.0	<25.0	<130	<130	<130	NA	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	NA
Hexachloro-1,3-butadiene	NS	NS	<211	<105	<105	<59.1	<59.1	<59.1	NA	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	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	<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	5.5 J	<4.6
trans-1,3-Dichloropropene	0.04	0.4	<23.0	<11.5	<11.5	<219	<219	<219	NA	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	1340
Trichlorofluoromethane	NS	NS	<18.5	<9.2	<9.2	<10.7	<10.7	<10.7	NA	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	<1.7

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-31												
Parameter Date	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	12/16/2020
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	<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	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	<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
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	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	0.38 J	0.67 J	0.62J
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-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	<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
Trichloroethene	0.5	5	2.2	1.6	1.5	1.2	1.9	1.6	1.8	1.6	1.3	1.0	0.83 J	1.1	0.69J
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	0.49 J	<0.18	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-32												
Parameter Date	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	12/17/2020
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	<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	<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	3.9	4.1	3.5	5.1	12.4	2.6	2.8	1.6	3.1	4.2	4.8	6.2	5
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-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
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	<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
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	0.22 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	0.37J

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-33											
Parameter Date	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	12/16/2020
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
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
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	<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	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
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	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
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<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	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
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.71	<0.71	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
Chloroform	0.6	6	<2.5	<2.5	<2.5	<1.3	<1.3	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
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	3.6
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
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<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	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
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<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
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	3.6
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
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	2.9
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.21	<0.21	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	0.24J

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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-34												
Parameter Date	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	12/16/2020
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	<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	<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	<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
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-Dichloroethene	20	100	<0.26	<0.26	<0.26	<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
Trichloroethene	0.5	5	<0.33	<0.33	<0.33	<0.26	<0.26	0.68 J	<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	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

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-35												
Parameter Date	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	9/25/2020	12/17/2020
1,1,1-Trichloroethane	40	200	42.3	38.5	53.8	32.2	18.3	36.4	30.3	47.9	56.1	31.8	59.6	48.4	35.3
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	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	<1.4
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	16.8
1,1-Dichloroethene	0.7	7	**8.0**	6.3	6.4	4.4	2.9	6.0	5.5	6.4	5.8	5.7	6.8	5.8	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	NA
1,2-Dichlorobenzene	60	600	<2.5	<2.5	<1.2	<1.8	<1.8	<1.8	NA	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	<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	NA
1,3-Dichlorobenzene	120	600	<2.5	<2.5	<1.2	<1.6	<1.6	<1.6	NA	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	NA
Bromodichloromethane	0.06	0.6	<2.5	<2.5	<1.2	<0.91	<0.91	<0.91	NA	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	NA
Chlorobenzene	NS	NS	<2.5	<2.5	<1.2	<1.8	<1.8	<1.8	NA	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	NA
Chloroform	0.6	6	<12.5	<12.5	<6.2	<3.2	<3.2	<3.2	NA	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	NA
cis-1,2-Dichloroethene	7	70	9.8	8.2	8.0	9.2	8.8	10.3	12.2	11.6	8.5	11.5	10.3	7.7	9.1
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	NA
Dibromochloromethane	6	60	<2.5	<2.5	<1.2	<6.5	<6.5	<6.5	NA	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	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	NA
Methylene Chloride	0.5	5	<1.2	<1.2	<0.58	<1.5	<1.5	<1.5	NA	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	<0.82
trans-1,2-Dichloroethene	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	<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	NA
Trichloroethene	0.5	5	**405**	**307**	**340**	**275**	**222**	**277**	**311**	**372**	**409**	**243**	**405**	**351**	**344**
Trichlorofluoromethane	NS	NS	< 0.92	<0.92	<0.46	<0.54	<0.54	<0.54	NA	NA	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	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-36												
Parameter Date	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	9/24/2020	12/18/2020
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	27.9
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	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	<2.8
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	11.5
1,1-Dichloroethene	0.7	7	**9.0**	4.6	0.58 J	1.0	0.27 J	<0.24	<0.24	1.3 J	8.2	4.3	2.1	2.6	4.3J
1,2,4-Trichlorobenzene	14	70	<11.0	<2.2	<2.2	<0.95	<0.95	<0.95	NA	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	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	<1.4
1,2-Dichloropropane	0.5	5	<1.2	<0.23	<0.23	<0.28	<0.28	<0.28	NA	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	NA
1,4-Dichlorobenzene	15	75	<2.5	<0.50	<0.50	<0.94	<0.94	<0.94	NA	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	NA
Carbon tetrachloride	0.5	5	<2.5	<0.50	<0.50	<0.17	<0.17	<0.17	NA	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	NA
Chloroethane	80	400	<1.9	<0.37	<0.37	<1.3	<1.3	<1.3	NA	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	NA
Chloromethane	3	30	<2.5	<0.50	<0.50	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	9.8	4.9	0.67 J	1.1	5.1	2.0	0.49 J	3.0	8.9	6.8	5.1	5.7	9
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	NA
Dibromochloromethane	6	60	<2.5	<0.50	<0.50	<2.6	<2.6	<2.6	NA	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	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	NA
Methylene Chloride	0.5	5	<1.2	<0.23	<0.23	<0.58	<0.58	<0.58	NA	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	<1.6
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	0.52 J	1.2 J	<2.3
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	NA
Trichloroethene	0.5	5	**510**	**202**	**26.5**	**49.6**	**27**	**6.5**	**5.8**	**96.9**	**442**	**234**	**177**	**228**	**454**
Trichlorofluoromethane	NS	NS	<0.92	<0.18	<0.18	<0.21	<0.21	<0.21	NA	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	<0.87

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-37												
Parameter Date	PAL	ES	11/27/2017	3/13/2018	7/9/2018	10/2/2018	12/12/2018	12/12/2018	6/20/2019	9/9/2019	12/9/2019	3/20/2020	6/30/2020	9/24/2020	12/18/2020
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	21.9
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	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
1,1-Dichloroethane	85	850	13.5	11.7	9.3	7.6	7.4	7.7	8.4	9.1	9.0	8.3	6.8	8.7	9.6
1,1-Dichloroethene	0.7	7	2.9	2.6	1.9 J	0.88 J	2.8	2.0J	1.8 J	1.9 J	2.2	2.2	2.6	1.4 J	1.1J
1,2,4-Trichlorobenzene	14	70	<2.2	<4.4	<4.4	<1.9	<1.9	<1.9	NA	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	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	<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	NA
1,3-Dichlorobenzene	120	600	<0.50	<1.0	<1.0	<1.3	<1.3	<1.3	NA	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	NA
Bromodichloromethane	0.06	0.6	<0.50	<1.0	<1.0	<0.73	<0.73	<0.73	NA	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	NA
Chlorobenzene	NS	NS	<0.50	<1.0	<1.0	<1.4	<1.4	<1.4	NA	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	NA
Chloroform	0.6	6	<2.5	<5.0	<5.0	<2.5	<2.5	<2.5	NA	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	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	3.8
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	NA
Dibromochloromethane	6	60	<0.50	<1.0	<1.0	<5.2	<5.2	<5.2	NA	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	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	NA
Methylene Chloride	0.5	5	<0.23	<0.47	<0.47	<1.2	<1.2	<1.2	NA	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	<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	<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	NA
Trichloroethene	0.5	5	**205**	**191**	**145**	**133**	**176**	**145**	**142**	**183**	**165**	**134**	**130**	**160**	**177**
Trichlorofluoromethane	NS	NS	<0.18	<0.37	<0.37	<0.43	<0.43	<0.43	NA	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	<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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-38										
Parameter Date	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	9/24/2020	12/21/2020
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	1.8
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	3.5	2.3	4.5	2.6	<0.27	<0.27	2.8	1.1	<0.27	1.7	2.7
1,1-Dichloroethene	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	0.67J
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	6.7	22.5	9.9	12.6	<0.27	0.54 J	4.1	2.9	0.34 J	7.1	15.7
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	0.51J	<1.1	1.6 J	<1.1	<1.1	<1.1	1.5 J	0.53 J	<0.46	1.1 J	1.1J
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	**65**	**15.5**	**143**	**36.5**	<0.26	**5.8**	**80.2**	**32.1**	**1.4**	**36.9**	**25.4**
Trichlorofluoromethane	NS	NS	<0.18	<0.21	<0.21	<0.21	NA	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**	**10.6**

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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-39										
Parameter Date	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	9/25/2020	12/18/2020
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-Dichloroethene	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	<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	0.28 J	0.37 J	<0.27	<0.27	<0.27	0.29 J	<0.27	<0.27	0.30J	<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	1.6
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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-40										
Parameter Date	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	12/17/2020
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	23
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.62	<0.55	<0.55	<0.55	NA	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
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	7.8
1,1-Dichloroethene	0.7	7	3.5	3.0	2.9	4.9	3.9	3.6	3.1	3.6	3.4	2.3	2.6
1,2,4-Trichlorobenzene	14	70	<5.5	<1.9	<1.9	<1.9	NA	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	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	<0.56
1,2-Dichloropropane	0.5	5	<0.58	<0.57	<0.57	<0.57	NA	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	NA
1,4-Dichlorobenzene	15	75	<1.2	<1.9	<1.9	<1.9	NA	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	NA
Carbon tetrachloride	0.5	5	<1.2	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.94	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<6.2	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<1.2	<4.4	<4.4	<4.4	NA	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	5.4
cis-1,3-Dichloropropene	0.04	0.4	<1.2	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<1.2	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.56	<1.0	<1.0	<1.0	NA	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	NA
Methylene Chloride	0.5	5	<0.58	<1.2	<1.2	<1.2	NA	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	<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	<0.93
trans-1,3-Dichloropropene	0.04	0.4	<0.57	<8.7	<8.7	<8.7	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	**172**	**169**	**189**	**187**	**170**	**187**	**192**	**162**	**181**	**109**	**177**
Trichlorofluoromethane	NS	NS	<0.46	<0.43	<0.43	<0.43	NA	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-41										
Parameter Date	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	12/17/2020
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	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	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	<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	10.9
1,1-Dichloroethene	0.7	7	1.6	1.8	2.3	3.0	5.6	5.4	4.1	4.8	3.7	3.4	3.8
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	<0.56	<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	0.88 J	<2.2	<2.2	<2.2	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	1.1	14.6	12.3	8.0	16.3	18.7	8.6	7.0	9.1	5.8	3.9
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	<0.65	<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	<2.2	<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	**78.9**	**119**	**152**	**144**	**241**	**250**	**235**	**169**	**225**	**218**	**252**
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	<0.35	<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
(R) - Resample Event

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

Well No.	WDNR 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	6/25/2020	9/23/2020	12/17/2020
1,1,1-Trichloroethane	40	200	24.2	46	35.1	30.2	17.8	46.3	60.8	20	19.8	41.8	38.3
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.62	<0.55	<0.55	<0.55	NA	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	<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	17.5
1,1-Dichloroethene	0.7	7	2.5	4.4	3.9	4.3	1.8	4.1	7.4	3.0	1.7	4.4	5.7
1,2,4-Trichlorobenzene	14	70	<5.5	<1.9	<1.9	<1.9	NA	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	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	<0.28
1,2-Dichloropropane	0.5	5	<0.58	<0.57	<0.57	<0.57	NA	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	NA
1,4-Dichlorobenzene	15	75	<1.2	<1.9	<1.9	<1.9	NA	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	NA
Carbon tetrachloride	0.5	5	<1.2	<0.33	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<1.2	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<0.94	<2.7	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<6.2	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<1.2	<4.4	<4.4	<4.4	NA	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	3.0	1.9	3.4	4.6
cis-1,3-Dichloropropene	0.04	0.4	<1.2	<7.3	<7.3	<7.3	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<1.2	<5.2	<5.2	<5.2	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.56	<1.0	<1.0	<1.0	NA	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	NA
Methylene Chloride	0.5	5	<0.58	<1.2	<1.2	<1.2	NA	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	<0.33
trans-1,2-Dichloroethene	20	100	<0.64	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<2.2	<0.46	<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	NA
Trichloroethene	0.5	5	161	261	246	188	124	264	272	115	128	239	241
Trichlorofluoromethane	NS	NS	<0.46	<0.43	<0.43	<0.43	NA	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	0.85 J	1.1

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
(R) - Resample Event

Well No.	WDNR 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	9/23/2020	12/16/2020
1,1,1-Trichloroethane	40	200	<0.50	<0.24	<0.24	<0.24	<0.24	0.29 J	0.38 J	<0.24	<0.24	0.37 J	<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	0.59 J	0.43 J	0.32 J	0.62 J	0.43 J	0.64 J	0.93 J	1.1	1.7	0.81 J	0.88J
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	0.54 J	0.60J
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	18.5	16.7	13.6	14.7	18.3	43.5	16.3	22.1
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	0.45 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.46	0.77 J	<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	13.6	10.4	10.2	12.6	8.4	8.5	12.8	12.1	23.2	21.2	16.7
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	0.96 J	1.6	2.7	2.3	1.7	1.4	2.1	1.5	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
(R) - Resample Event

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	12/18/2020
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2,2-Tetrachloroethane	0.02	0.2	<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
1,1-Dichloroethane	85	850	<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
1,2,4-Trichlorobenzene	14	70	<0.95	<0.95	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<0.71	<0.71	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
1,2-Dichloropropane	0.5	5	<0.28	<0.28	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<0.63	<0.63	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<0.94	<0.94	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.17	<0.17	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<0.71	<0.71	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<2.2	<2.2	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
cis-1,3-Dichloropropene	0.04	0.4	<3.6	<3.6	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<2.6	<2.6	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<1.2	<1.2	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<0.58	<0.58	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
trans-1,2-Dichloroethene	20	100	<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
Trichloroethene	0.5	5	0.27 J	0.75 J	0.36 J	<0.26	<0.26	<0.26	<0.26	0.60 J	0.32J
Trichlorofluoromethane	NS	NS	<0.21	<0.21	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

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
(R) - Resample Event

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	12/17/2020
1,1,1-Trichloroethane	40	200	32.1	12.2	12.1	14.5	11.7	13.9	11	13	3.4
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.55	<0.55	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
1,1-Dichloroethane	85	850	18.7	11.5	11.9	13.9	13.7	12.6	10.4	12.8	5
1,1-Dichloroethene	0.7	7	4.3	2.4	1.9 J	1.6	2.1	2.4	2.2	2.0	0.55J
1,2,4-Trichlorobenzene	14	70	<1.9	<1.9	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<1.4	<1.4	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
1,2-Dichloropropane	0.5	5	<0.57	<0.57	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<1.3	<1.3	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<1.9	<1.9	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.73	<0.73	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.33	<0.33	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<1.4	<1.4	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<2.7	<2.7	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<2.5	<2.5	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<4.4	<4.4	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	33
cis-1,3-Dichloropropene	0.04	0.4	<7.3	<7.3	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<5.2	<5.2	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	<2.4	<2.4	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<1.2	<1.2	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
trans-1,2-Dichloroethene	20	100	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<0.46	0.54 J	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<8.7	<8.7	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	**241**	**125**	**144**	**179**	**177**	**156**	**153**	**143**	**39.8**
Trichlorofluoromethane	NS	NS	<0.43	<0.43	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

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
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		MW-46							MW-47							MW-48						
Parameter / Date	PAL	ES	6/20/2019	9/10/2019	12/9/2019	3/23/2020	6/30/2020	9/28/2020	12/21/2020	6/20/2019	9/9/2019	12/9/2019	3/23/2020	6/30/2020	9/24/2020	12/21/2020	6/18/2019	9/9/2019	12/10/2019	3/18/2020	6/25/2020	9/25/2020	12/17/2020
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	<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	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	<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	<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	<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	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	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	<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	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	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	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	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	NA	NA
Chlorobenzene	NS	NS	NA	NA	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	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	NA	NA
Chloromethane	3	30	NA	NA	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	<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	NA	NA
Dibromochloromethane	6	60	NA	NA	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	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	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	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	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<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	NA	NA
Trichloroethene	0.5	5	<0.26	<0.26	0.53 J	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.80 J	<0.26	<0.26	<0.26	<0.26	<0.26	0.56 J	1.1	<0.26	0.27 J	<0.26	0.70J
Trichlorofluoromethane	NS	NS	NA	NA	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	<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
(R) - Resample Event

Well No.	WDNR NR 140 Standards		MW-49							MW-50							
Parameter / Date	PAL	ES	6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/17/2020	6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/21/2020	1/18/2021(R)
1,1,1-Trichloroethane	40	200	5.6	30.6	6.1	3.6	15.6	27.3	18.1	0.69 J	23.1	5.0	9.5	2.0	91.6	31.6	8.3
1,1,2,2-Tetrachloroethane	0.02	0.2	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
1,1-Dichloroethane	85	850	1.4	6.5	1.4	1.1	4.2	6.6	5.6	<0.27	9.6	1.7	<0.55	1.0	28.7	9.2	3.1
1,1-Dichloroethene	0.7	7	0.79 J	3.0	0.57 J	0.57 J	1.8	2.3	2.3	<0.24	3.9	0.67 J	3.6	0.36 J	**7.9**	3.3	1.1
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	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
1,2-Dichloropropane	0.5	5	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
1,4-Dichlorobenzene	15	75	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
Carbon tetrachloride	0.5	5	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
Chloroethane	80	400	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
Chloromethane	3	30	NA	NA	NA	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	0.86J	<0.27	1.4	<0.27	0.66 J	<0.27	5.2	1.6	0.52J
cis-1,3-Dichloropropene	0.04	0.4	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
Dichlorodifluoromethane	200	1,000	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
Methylene Chloride	0.5	5	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	0.49 J	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<1.1	<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	NA	NA
Trichloroethene	0.5	5	**28.1**	**178**	**31.4**	**17.9**	**81.7**	**168**	**97**	**7.6**	**106**	**35.5**	**65**	**21.4**	**529**	**209**	**65.3**
Trichlorofluoromethane	NS	NS	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

Notes: Results are in ug/L.
PAL - Preventative Action Limit
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B - Analyte detected in Method or Trip Blank
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NA - Not Analyzed
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(R) - Resample Event

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

Parameter / Well No. / Date	WDNR NR 140 Standards PAL	ES	MW-51 6/18/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/21/2020	MW-52 6/20/2019	9/10/2019	12/10/2019	3/18/2020	6/26/2020	9/25/2020	12/21/2020	MW-53 6/24/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020	9/24/2020	12/18/2020
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	0.35 J	<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	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	<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	0.29 J	0.31 J	0.40J	<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	0.32 J	<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	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	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	<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	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	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	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	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	NA	NA
Chlorobenzene	NS	NS	NA	NA	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	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	NA	NA
Chloromethane	3	30	NA	NA	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	<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	NA	NA
Dibromochloromethane	6	60	NA	NA	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	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	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	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	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<0.46	<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	NA	NA
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	5.5	4.9	7.3	3.8	4.3	3.3	3.6	<0.26	<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	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	<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
(R) - Resample Event

Parameter / Well No. / Date	WDNR NR 140 Standards PAL	ES	MW-54 6/20/2019	9/11/2019	12/11/2019	3/24/2020	6/25/2020	9/25/2020	12/18/2020	MW-55 6/20/2019	9/9/2019	12/9/2019	4/14/2020	6/30/2020	9/24/2020	12/21/2020
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	<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
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	<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	<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	<0.24
1,2,4-Trichlorobenzene	14	70	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
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	<0.28
1,2-Dichloropropane	0.5	5	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
1,4-Dichlorobenzene	15	75	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
Carbon tetrachloride	0.5	5	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
Chloroethane	80	400	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
Chloromethane	3	30	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	1.0	0.97 J	1.9	2.2	2.0	1.7	2.1
cis-1,3-Dichloropropene	0.04	0.4	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
Dichlorodifluoromethane	200	1,000	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
Methylene Chloride	0.5	5	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
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<0.46	<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	NA
Trichloroethene	0.5	5	0.58 J	0.42 J	0.28 J	0.35 J	1.4	0.32 J	0.76J	0.75 J	0.96 J	1.4	0.70 J	0.79 J	0.83 J	0.84J
Trichlorofluoromethane	NS	NS	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	**0.32 J**	<0.17	**0.26** J	<0.17	<0.17	**0.24 J**	**0.22J**

Notes: Results are in ug/L.
PAL - Preventative Action Limit
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B - Analyte detected in Method or Trip Blank
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NA - Not Analyzed
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Underlined - Exceeds PAL
Bold - Exceeds ES
(R) - Resample Event

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

Well No.	WDNR NR 140 Standards		Duplicate 1 (NMW-3R)	Duplicate 2 (MW-32)	Duplicate 1 (MW-32)	Duplicate 2 (MW-13)	Duplicate 1 (MW-27)	Duplicate 2 (MW-15)	Duplicate 3 (MW-33)	Duplicate 1 (MW-37)	Duplicate 2 (HOBO SP)	Duplicate 1 (MW-38)	Duplicate 2 (MW-23)	Duplicate 3 (MW-33)	Duplicate 1 (MW-36)	Duplicate 2 (NMW-7)
Parameter Date	PAL	ES	11/28/2017	12/7/2017	3/14/2018	3/15/2018	7/11/2018	7/11/2018	7/12/2018	10/2/2018	10/5/2018	12/12/2018	12/13/2018	12/14/2018	3/25/2019	3/25/2019
1,1,1-Trichloroethane	40	200	10	<0.50	<0.50	23.6	<0.50	15.3	<0.50	21.5	16.8	11.9	**294**	<0.24	0.46 J	18.5
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<1.2	<0.25	<0.28	<0.28	<0.28	<13.8	<0.28	<0.28	<0.55
1,1,2-Trichloroethane	0.5	5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.99	<0.20	<0.55	<0.55	<0.55	<27.6	<0.55	<0.55	<1.1
1,1-Dichloroethane	85	850	6.3	<0.24	<0.24	14.1	0.84 J	9.7	<0.24	8.0	6.5	6.8	117	<0.27	0.43 J	5.2
1,1-Dichloroethene	0.7	7	2.7	<0.41	<0.41	6.6	<0.41	3.8 J	<0.41	1.9	1.7	1.9	**79.8**	<0.24	<0.24	2.6
1,2,4-Trichlorobenzene	14	70	<2.2	<2.2	<2.2	<2.2	<2.2	<11.0	<2.2	<0.95	<0.95	<0.95	<47.6	<0.95	<0.95	<1.9
1,2-Dichlorobenzene	60	600	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.71	<0.71	<0.71	<35.3	<0.71	<0.71	<1.4
1,2-Dichloroethane	0.5	5	<0.17	<0.17	<0.17	<0.17	<0.17	<0.84	<0.17	<0.28	<0.28	<0.28	<14.0	<0.28	<0.28	<0.56
1,2-Dichloropropane	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<1.2	<0.23	<0.28	<0.28	<0.28	<14.1	<0.28	<0.28	<0.57
1,3-Dichlorobenzene	120	600	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.63	<0.63	<0.63	<31.4	<0.63	<0.63	<1.3
1,4-Dichlorobenzene	15	75	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.94	<0.94	<0.94	<47.2	<0.94	<0.94	<1.9
Bromodichloromethane	0.06	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.36	<0.36	<0.36	<18.2	<0.36	<0.36	<0.73
Carbon tetrachloride	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.17	<0.17	<0.17	<8.3	<0.17	<0.17	<0.33
Chlorobenzene	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.71	<0.71	<0.71	<35.5	<0.71	<0.71	<1.4
Chloroethane	80	400	<0.37	<0.37	<0.37	<0.37	<0.37	<1.9	<0.37	<1.3	<1.3	<1.3	<67.1	<1.3	<1.3	<2.7
Chloroform	0.6	6	<2.5	<2.5	<2.5	<2.5	<2.5	<12.5	<2.5	<1.3	<1.3	<1.3	<63.7	<1.3	<1.3	<2.5
Chloromethane	3	30	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<2.2	<2.2	<2.2	<109	<2.2	<2.2	<4.4
cis-1,2-Dichloroethene	7	70	20.6	4.0	3.9	53.6	<0.26	24.6	4.5	3.5	5.0	10.7	41.0 J	11.4	1.8	2.2
cis-1,3-Dichloropropene	0.04	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<3.6	<3.6	<3.6	<181	<3.6	<3.6	<7.3
Dibromochloromethane	6	60	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<2.6	<2.6	<2.6	<130	<2.6	<2.6	<5.2
Dichlorodifluoromethane	200	1,000	<0.22	<0.22	<0.22	<0.22	<0.22	<1.1	<0.22	<0.50	<0.50	<0.50	<25.0	<0.50	<0.50	<1.0
Hexachloro-1,3-butadiene	NS	NS	<2.1	<2.1	<2.1	<2.1	<2.1	<10.5	<2.1	<1.2	<1.2	<1.2	<59.1	<1.2	<1.2	<2.4
Methylene Chloride	0.5	5	<0.23	<0.23	<0.23	<0.23	<0.23	<1.2	<0.23	<0.58	<0.58	<0.58	<29.0	<0.58	<0.58	<1.2
Tetrachloroethene	0.5	5	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<0.33	<0.33	<0.33	<16.3	<0.33	<0.33	<0.65
trans-1,2-Dichloroethene	20	100	0.99 J	<0.26	<0.26	2.1	<0.26	1.3 J	<0.26	<1.1	<1.1	2.1 J	<54.5	2.4 J	<1.1	<2.2
trans-1,3-Dichloropropene	0.04	0.4	<0.23	<0.23	<0.23	<0.23	<0.23	<1.1	<0.23	<4.4	<4.4	<4.4	<219	<4.4	<4.4	<8.7
Trichloroethene	0.5	5	105	<0.33	<0.33	426	<0.33	336	14.3	145	142	162	4,850	0.61 J	7.8	131
Trichlorofluoromethane	NS	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.92	<0.18	<0.21	<0.21	<0.21	<10.7	<0.21	<0.21	<0.43
Vinyl chloride	0.02	0.2	0.46	0.21 J	<0.18	<0.18	<0.18	<0.88	0.50 J	<0.17	<0.17	0.54 J	<8.7	0.64 J	<0.17	<0.35

Notes: Results are in ug/L.
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(R) - Resample Event

Well No.	WDNR NR 140 Standards		Duplicate 3 (NMW-8R)	Duplicate 1 (MW-41)	Duplicate 2 (MW-42)	Duplicate 3 (MW-15)	Duplicate 1 (MW-48)	Duplicate 2 (MW-25)	Duplicate 3 (NMW-7)	Duplicate 1 (MW-50)	Duplicate 2 (MW-23)	Duplicate 3 (MW-31)	Duplicate 1 (MW-42)	Duplicate 2 (MW-31)	Duplicate 1 (MW-11)	Duplicate 2 (MW-53)	Duplicate 1 (NMW-9)	Duplicate 2 (MW-49)	Duplicate 1 (MW-35)	Duplicate 2 (MW-27)	Duplicate 3 (MW-50)	Duplicate 4 (MW-50)
Parameter Date	PAL	ES	3/25/2019	6/18/2019	6/24/2019	7/1/2019	9/9/2019	9/9/2019	9/16/2019	12/10/2019	12/11/2019	12/12/2019	3/18/2020	4/15/2020	6/23/2020	6/25/2020	9/22/2020	9/25/2020	12/17/2020	12/18/2020	12/21/2020	1/18/2021(R)
1,1,1-Trichloroethane	40	200	35.5	36.6	16	14.8	<0.24	<0.24	5.5	4.7	6.2	<0.24	18.3	<0.24	3.9	<0.24	<0.24	25.8	40.8	24.9	<0.24	8.2
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.69	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	<1.4	<1.4	<1.1	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<1.1	<0.55	<0.55
1,1-Dichloroethane	85	850	11.8	15.9	4.8	7.8	<0.27	<0.27	2.0	1.6	3.1	<0.27	5.9	<0.27	2.2	<0.27	<0.27	6.4	16.2	8.1	0.84J	3.1
1,1-Dichloroethene	0.7	7	5.1	5.1	2.4	3.6	<0.24	<0.24	0.78 J	0.83 J	1.5	<0.24	2.9	<0.24	1.1	<0.24	0.29 J	2.3	5	2.3	<0.24	1.2
1,2,4-Trichlorobenzene	14	70	<2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	<1.8	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	<0.70	<0.70	<0.56	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.56	<0.56	<0.28	<0.28
1,2-Dichloropropane	0.5	5	<0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	120	600	<1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	15	75	<2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	<0.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	<0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	<1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	<3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	<3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	<5.5	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	3.1	15.6	2.6	22.8	<0.27	<0.27	0.65 J	0.35 J	7.3	0.34 J	2.7	<0.27	9.1	<0.27	1.9	1.2	9.9	1.5J	<0.27	0.53J
cis-1,3-Dichloropropene	0.04	0.4	<9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	6	60	<6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1,000	<1.2	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	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.5	5	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	<0.82	<0.82	<0.65	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.65	<0.65	<0.33	<0.33
trans-1,2-Dichloroethene	20	100	<2.7	<2.7	<2.2	<2.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2	<0.46	<0.46	<0.46	<0.46	<0.46	<0.93	<0.93	<0.46	<0.46
trans-1,3-Dichloropropene	0.04	0.4	<10.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	241	229	120	318	0.59 J	<0.26	36.9	33.3	104	1.6	112	0.69 J	125	<0.26	16.4	161	322	175	<0.26	64.7
Trichlorofluoromethane	NS	NS	<0.54	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	<0.44	<0.44	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	0.63 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<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
(R) - Resample Event

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	12/18/2020
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	18.2
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	7.2
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	1.7
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	9.3
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	0.61J
Trichloroethene	539	6,400	350	67.2	47.6	189	142	147	118	164	150	92.5	89.4	105	132	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	12/18/2020
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	0.80J
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	0.35J
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	<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	0.46J
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	<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	6.8

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	12/18/2020
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	0.58J
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	<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	<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	<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	<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	2.2

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

Pace Analytical®
www.pacelabs.com

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

December 29, 2020

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

RE: Project: 11717 NAVISTAR
Pace Project No.: 40220199

Dear Rich Gnat:

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

Enclosures

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

CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40220199001	MW-9D	Water	12/15/20 10:13	12/22/20 11:40
40220199002	MW-9	Water	12/15/20 10:43	12/22/20 11:40
40220199003	MW-9D2	Water	12/15/20 11:16	12/22/20 11:40
40220199004	MW-15	Water	12/15/20 11:57	12/22/20 11:40
40220199005	MW-13	Water	12/15/20 12:30	12/22/20 11:40
40220199006	MW-11	Water	12/15/20 13:08	12/22/20 11:40
40220199007	MW-24	Water	12/15/20 13:51	12/22/20 11:40
40220199008	MW-24D	Water	12/15/20 14:24	12/22/20 11:40
40220199009	MW-26	Water	12/15/20 13:25	12/22/20 11:40
40220199010	MW-31	Water	12/16/20 08:57	12/22/20 11:40
40220199011	NMW-7	Water	12/16/20 09:32	12/22/20 11:40
40220199012	NMW-1	Water	12/16/20 10:11	12/22/20 11:40
40220199013	NMW-8R	Water	12/16/20 10:54	12/22/20 11:40
40220199014	MW-23	Water	12/16/20 11:42	12/22/20 11:40
40220199015	MW-43	Water	12/16/20 12:20	12/22/20 11:40
40220199016	MW-28	Water	12/16/20 12:51	12/22/20 11:40
40220199017	MW-34	Water	12/16/20 13:26	12/22/20 11:40
40220199018	MW-30	Water	12/16/20 14:10	12/22/20 11:40
40220199019	NMW-4	Water	12/16/20 14:56	12/22/20 11:40
40220199020	MW-33	Water	12/16/20 15:32	12/22/20 11:40
40220199021	NMW-3R	Water	12/17/20 08:57	12/22/20 11:40
40220199022	MW-42	Water	12/17/20 09:36	12/22/20 11:40
40220199023	MW-45	Water	12/17/20 10:13	12/22/20 11:40
40220199024	MW-32	Water	12/17/20 11:08	12/22/20 11:40
40220199025	MW-29	Water	12/17/20 11:55	12/22/20 11:40
40220199026	MW-29D	Water	12/17/20 12:20	12/22/20 11:40
40220199027	MW-35	Water	12/17/20 12:53	12/22/20 11:40
40220199028	MW-40	Water	12/17/20 13:34	12/22/20 11:40
40220199029	MW-48	Water	12/17/20 14:16	12/22/20 11:40
40220199030	MW-41	Water	12/17/20 14:48	12/22/20 11:40
40220199031	MW-49	Water	12/17/20 15:27	12/22/20 11:40
40220199032	MW-39	Water	12/18/20 08:43	12/22/20 11:40
40220199033	MW-27	Water	12/18/20 09:18	12/22/20 11:40
40220199034	MW-25	Water	12/18/20 10:08	12/22/20 11:40
40220199035	MW-54	Water	12/18/20 10:58	12/22/20 11:40
40220199036	MW-53	Water	12/18/20 11:33	12/22/20 11:40
40220199037	MW-44	Water	12/18/20 12:13	12/22/20 11:40

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SAMPLE SUMMARY

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40220199038	MW-36	Water	12/18/20 12:47	12/22/20 11:40
40220199039	MW-37	Water	12/18/20 13:23	12/22/20 11:40
40220199040	CREEK-DOWNSTREAM	Water	12/18/20 13:40	12/22/20 11:40
40220199041	HOBO SPRING	Water	12/18/20 13:50	12/22/20 11:40
40220199042	CREEK-UPSTREAM	Water	12/18/20 14:30	12/22/20 11:40
40220199043	MW-52	Water	12/21/20 09:41	12/22/20 11:40
40220199044	MW-51	Water	12/21/20 10:21	12/22/20 11:40
40220199045	MW-50	Water	12/21/20 10:58	12/22/20 11:40
40220199046	MW-46	Water	12/21/20 11:41	12/22/20 11:40
40220199047	MW-47	Water	12/21/20 12:16	12/22/20 11:40
40220199048	MW-38	Water	12/21/20 12:52	12/22/20 11:40
40220199049	MW-55	Water	12/21/20 13:25	12/22/20 11:40
40220199050	DUP-1	Water	12/17/20 00:00	12/22/20 11:40
40220199051	DUP-2	Water	12/18/20 00:00	12/22/20 11:40
40220199052	DUP-3	Water	12/21/20 00:00	12/22/20 11:40
40220199053	TRIP BLANK	Water	12/21/20 00:00	12/22/20 11:40

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40220199001	MW-9D	EPA 8260	LAP	13	PASI-G
40220199002	MW-9	EPA 8260	LAP	13	PASI-G
40220199003	MW-9D2	EPA 8260	LAP	13	PASI-G
40220199004	MW-15	EPA 8260	LAP	13	PASI-G
40220199005	MW-13	EPA 8260	LAP	13	PASI-G
40220199006	MW-11	EPA 8260	LAP	13	PASI-G
40220199007	MW-24	EPA 8260	LAP	13	PASI-G
40220199008	MW-24D	EPA 8260	LAP	13	PASI-G
40220199009	MW-26	EPA 8260	LAP	13	PASI-G
40220199010	MW-31	EPA 8260	LAP	13	PASI-G
40220199011	NMW-7	EPA 8260	LAP	13	PASI-G
40220199012	NMW-1	EPA 8260	LAP	13	PASI-G
40220199013	NMW-8R	EPA 8260	LAP	13	PASI-G
40220199014	MW-23	EPA 8260	LAP	13	PASI-G
40220199015	MW-43	EPA 8260	LAP	13	PASI-G
40220199016	MW-28	EPA 8260	LAP	13	PASI-G
40220199017	MW-34	EPA 8260	LAP	13	PASI-G
40220199018	MW-30	EPA 8260	LAP	13	PASI-G
40220199019	NMW-4	EPA 8260	LAP	13	PASI-G
40220199020	MW-33	EPA 8260	LAP	13	PASI-G
40220199021	NMW-3R	EPA 8260	LAP	13	PASI-G
40220199022	MW-42	EPA 8260	LAP	13	PASI-G
40220199023	MW-45	EPA 8260	LAP	13	PASI-G
40220199024	MW-32	EPA 8260	LAP	13	PASI-G
40220199025	MW-29	EPA 8260	LAP	13	PASI-G
40220199026	MW-29D	EPA 8260	LAP	13	PASI-G
40220199027	MW-35	EPA 8260	LAP	13	PASI-G
40220199028	MW-40	EPA 8260	LAP	13	PASI-G
40220199029	MW-48	EPA 8260	LAP	13	PASI-G
40220199030	MW-41	EPA 8260	LAP	13	PASI-G
40220199031	MW-49	EPA 8260	LAP	13	PASI-G
40220199032	MW-39	EPA 8260	LAP	13	PASI-G
40220199033	MW-27	EPA 8260	LAP	13	PASI-G
40220199034	MW-25	EPA 8260	LAP	13	PASI-G
40220199035	MW-54	EPA 8260	LAP	13	PASI-G
40220199036	MW-53	EPA 8260	LAP	13	PASI-G
40220199037	MW-44	EPA 8260	LAP	13	PASI-G

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40220199038	MW-36	EPA 8260	LAP	13	PASI-G
40220199039	MW-37	EPA 8260	LAP	13	PASI-G
40220199040	CREEK-DOWNSTREAM	EPA 8260	LAP	13	PASI-G
40220199041	HOBO SPRING	EPA 8260	HNW	13	PASI-G
40220199042	CREEK-UPSTREAM	EPA 8260	HNW	13	PASI-G
40220199043	MW-52	EPA 8260	HNW	13	PASI-G
40220199044	MW-51	EPA 8260	HNW	13	PASI-G
40220199045	MW-50	EPA 8260	HNW	13	PASI-G
40220199046	MW-46	EPA 8260	HNW	13	PASI-G
40220199047	MW-47	EPA 8260	HNW	13	PASI-G
40220199048	MW-38	EPA 8260	HNW	13	PASI-G
40220199049	MW-55	EPA 8260	HNW	13	PASI-G
40220199050	DUP-1	EPA 8260	HNW	13	PASI-G
40220199051	DUP-2	EPA 8260	HNW	13	PASI-G
40220199052	DUP-3	EPA 8260	HNW	13	PASI-G
40220199053	TRIP BLANK	EPA 8260	HNW	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199001	**MW-9D**					
EPA 8260	1,1-Dichloroethane	0.28J	ug/L	1.0	12/28/20 08:57	
EPA 8260	1,1-Dichloroethene	0.33J	ug/L	1.0	12/28/20 08:57	
EPA 8260	Trichloroethene	28.4	ug/L	1.0	12/28/20 08:57	
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	1.0	12/28/20 08:57	
40220199002	**MW-9**					
EPA 8260	1,1,1-Trichloroethane	22.8	ug/L	2.0	12/28/20 16:18	
EPA 8260	1,1-Dichloroethane	10.9	ug/L	2.0	12/28/20 16:18	
EPA 8260	1,1-Dichloroethene	1.2J	ug/L	2.0	12/28/20 16:18	
EPA 8260	Trichloroethene	598	ug/L	10.0	12/29/20 07:57	
EPA 8260	cis-1,2-Dichloroethene	14.6	ug/L	2.0	12/28/20 16:18	
EPA 8260	trans-1,2-Dichloroethene	1.8J	ug/L	3.1	12/28/20 16:18	
40220199004	**MW-15**					
EPA 8260	1,1,1-Trichloroethane	66.6	ug/L	20.0	12/28/20 15:40	
EPA 8260	1,1-Dichloroethane	34.8	ug/L	20.0	12/28/20 15:40	
EPA 8260	1,1-Dichloroethene	14.9J	ug/L	20.0	12/28/20 15:40	
EPA 8260	Trichloroethene	1870	ug/L	20.0	12/28/20 15:40	
EPA 8260	cis-1,2-Dichloroethene	42.6	ug/L	20.0	12/28/20 15:40	
40220199005	**MW-13**					
EPA 8260	1,1,1-Trichloroethane	38.4	ug/L	10.0	12/28/20 15:20	
EPA 8260	1,1-Dichloroethane	37.6	ug/L	10.0	12/28/20 15:20	
EPA 8260	1,1-Dichloroethene	15.6	ug/L	10.0	12/28/20 15:20	
EPA 8260	Trichloroethene	2190	ug/L	10.0	12/28/20 15:20	
EPA 8260	cis-1,2-Dichloroethene	39.1	ug/L	10.0	12/28/20 15:20	
40220199006	**MW-11**					
EPA 8260	1,1,1-Trichloroethane	4.2	ug/L	1.0	12/28/20 12:08	
EPA 8260	1,1-Dichloroethane	2.5	ug/L	1.0	12/28/20 12:08	
EPA 8260	1,1-Dichloroethene	1.0	ug/L	1.0	12/28/20 12:08	
EPA 8260	Trichloroethene	161	ug/L	1.0	12/28/20 12:08	
EPA 8260	cis-1,2-Dichloroethene	7.7	ug/L	1.0	12/28/20 12:08	
40220199007	**MW-24**					
EPA 8260	1,1,1-Trichloroethane	2.5	ug/L	1.0	12/28/20 09:16	
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	12/28/20 09:16	
EPA 8260	1,1-Dichloroethene	0.70J	ug/L	1.0	12/28/20 09:16	
EPA 8260	Trichloroethene	73.2	ug/L	1.0	12/28/20 09:16	
EPA 8260	cis-1,2-Dichloroethene	4.2	ug/L	1.0	12/28/20 09:16	
40220199008	**MW-24D**					
EPA 8260	1,1,1-Trichloroethane	0.59J	ug/L	1.0	12/28/20 09:35	
EPA 8260	1,1-Dichloroethane	4.2	ug/L	1.0	12/28/20 09:35	
EPA 8260	1,1-Dichloroethene	1.7	ug/L	1.0	12/28/20 09:35	
EPA 8260	Trichloroethene	20.5	ug/L	1.0	12/28/20 09:35	
EPA 8260	Vinyl chloride	0.66J	ug/L	1.0	12/28/20 09:35	
EPA 8260	cis-1,2-Dichloroethene	25.0	ug/L	1.0	12/28/20 09:35	
EPA 8260	trans-1,2-Dichloroethene	1.6	ug/L	1.5	12/28/20 09:35	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199009	**MW-26**					
EPA 8260	Trichloroethene	8.1	ug/L	1.0	12/28/20 11:49	
40220199010	**MW-31**					
EPA 8260	Trichloroethene	0.69J	ug/L	1.0	12/28/20 09:54	
EPA 8260	cis-1,2-Dichloroethene	0.62J	ug/L	1.0	12/28/20 09:54	
40220199011	**NMW-7**					
EPA 8260	1,1,1-Trichloroethane	16.6	ug/L	1.0	12/28/20 10:13	
EPA 8260	1,1-Dichloroethane	6.3	ug/L	1.0	12/28/20 10:13	
EPA 8260	1,1-Dichloroethene	2.1	ug/L	1.0	12/28/20 10:13	
EPA 8260	Trichloroethene	139	ug/L	1.0	12/28/20 10:13	
EPA 8260	Vinyl chloride	0.56J	ug/L	1.0	12/28/20 10:13	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	12/28/20 10:13	
40220199012	**NMW-1**					
EPA 8260	1,1,1-Trichloroethane	46.3	ug/L	2.5	12/28/20 15:01	
EPA 8260	1,1-Dichloroethane	16.5	ug/L	2.5	12/28/20 15:01	
EPA 8260	1,1-Dichloroethene	5.5	ug/L	2.5	12/28/20 15:01	
EPA 8260	Trichloroethene	307	ug/L	2.5	12/28/20 15:01	
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	2.5	12/28/20 15:01	
40220199013	**NMW-8R**					
EPA 8260	1,1,1-Trichloroethane	22.9	ug/L	2.0	12/28/20 16:37	
EPA 8260	1,1-Dichloroethane	8.8	ug/L	2.0	12/28/20 16:37	
EPA 8260	1,1-Dichloroethene	2.7	ug/L	2.0	12/28/20 16:37	
EPA 8260	Trichloroethene	192	ug/L	2.0	12/28/20 16:37	
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	2.0	12/28/20 16:37	
40220199014	**MW-23**					
EPA 8260	1,1,1-Trichloroethane	5.3	ug/L	1.0	12/28/20 12:27	
EPA 8260	1,1-Dichloroethane	2.8	ug/L	1.0	12/28/20 12:27	
EPA 8260	1,1-Dichloroethene	1.3	ug/L	1.0	12/28/20 12:27	
EPA 8260	Trichloroethene	97.4	ug/L	1.0	12/28/20 12:27	
EPA 8260	cis-1,2-Dichloroethene	14.5	ug/L	1.0	12/28/20 12:27	
EPA 8260	trans-1,2-Dichloroethene	0.94J	ug/L	1.5	12/28/20 12:27	
40220199015	**MW-43**					
EPA 8260	1,1-Dichloroethane	0.88J	ug/L	1.0	12/28/20 10:32	
EPA 8260	1,1-Dichloroethene	0.60J	ug/L	1.0	12/28/20 10:32	
EPA 8260	Trichloroethene	16.7	ug/L	1.0	12/28/20 10:32	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	12/28/20 10:32	
EPA 8260	cis-1,2-Dichloroethene	22.1	ug/L	1.0	12/28/20 10:32	
40220199016	**MW-28**					
EPA 8260	Trichloroethene	0.28J	ug/L	1.0	12/28/20 14:23	
40220199018	**MW-30**					
EPA 8260	1,1,1-Trichloroethane	80.8	ug/L	10.0	12/28/20 15:59	
EPA 8260	1,1-Dichloroethane	33.6	ug/L	10.0	12/28/20 15:59	
EPA 8260	Trichloroethene	1340	ug/L	10.0	12/28/20 15:59	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199018	**MW-30**					
EPA 8260	cis-1,2-Dichloroethene	16.7	ug/L	10.0	12/28/20 15:59	
40220199020	**MW-33**					
EPA 8260	Trichloroethene	2.9	ug/L	1.0	12/28/20 11:30	
EPA 8260	Vinyl chloride	0.24J	ug/L	1.0	12/28/20 11:30	
EPA 8260	cis-1,2-Dichloroethene	3.6	ug/L	1.0	12/28/20 11:30	
EPA 8260	trans-1,2-Dichloroethene	3.6	ug/L	1.5	12/28/20 11:30	
40220199021	**NMW-3R**					
EPA 8260	1,1,1-Trichloroethane	7.0	ug/L	1.0	12/28/20 19:10	
EPA 8260	1,1-Dichloroethane	3.4	ug/L	1.0	12/28/20 19:10	
EPA 8260	1,1-Dichloroethene	1.4	ug/L	1.0	12/28/20 19:10	
EPA 8260	Trichloroethene	69.3	ug/L	1.0	12/28/20 19:10	
EPA 8260	cis-1,2-Dichloroethene	11.3	ug/L	1.0	12/28/20 19:10	
EPA 8260	trans-1,2-Dichloroethene	0.52J	ug/L	1.5	12/28/20 19:10	
40220199022	**MW-42**					
EPA 8260	1,1,1-Trichloroethane	38.3	ug/L	1.0	12/28/20 22:02	
EPA 8260	1,1-Dichloroethane	17.5	ug/L	1.0	12/28/20 22:02	
EPA 8260	1,1-Dichloroethene	5.7	ug/L	1.0	12/28/20 22:02	
EPA 8260	Trichloroethene	241	ug/L	1.0	12/28/20 22:02	
EPA 8260	Vinyl chloride	1.1	ug/L	1.0	12/28/20 22:02	
EPA 8260	cis-1,2-Dichloroethene	4.6	ug/L	1.0	12/28/20 22:02	
40220199023	**MW-45**					
EPA 8260	1,1,1-Trichloroethane	3.4	ug/L	1.0	12/28/20 22:21	
EPA 8260	1,1-Dichloroethane	5.0	ug/L	1.0	12/28/20 22:21	
EPA 8260	1,1-Dichloroethene	0.55J	ug/L	1.0	12/28/20 22:21	
EPA 8260	Trichloroethene	39.8	ug/L	1.0	12/28/20 22:21	
EPA 8260	cis-1,2-Dichloroethene	33.0	ug/L	1.0	12/28/20 22:21	
40220199024	**MW-32**					
EPA 8260	Vinyl chloride	0.37J	ug/L	1.0	12/28/20 18:32	
EPA 8260	cis-1,2-Dichloroethene	5.0	ug/L	1.0	12/28/20 18:32	
40220199025	**MW-29**					
EPA 8260	1,1,1-Trichloroethane	21.8	ug/L	1.0	12/28/20 19:29	
EPA 8260	1,1-Dichloroethane	10.3	ug/L	1.0	12/28/20 19:29	
EPA 8260	1,1-Dichloroethene	2.5	ug/L	1.0	12/28/20 19:29	
EPA 8260	Trichloroethene	173	ug/L	1.0	12/28/20 19:29	
EPA 8260	cis-1,2-Dichloroethene	7.7	ug/L	1.0	12/28/20 19:29	
40220199027	**MW-35**					
EPA 8260	1,1,1-Trichloroethane	35.3	ug/L	2.5	12/28/20 23:37	
EPA 8260	1,1-Dichloroethane	16.8	ug/L	2.5	12/28/20 23:37	
EPA 8260	1,1-Dichloroethene	5.8	ug/L	2.5	12/28/20 23:37	
EPA 8260	Trichloroethene	344	ug/L	2.5	12/28/20 23:37	
EPA 8260	cis-1,2-Dichloroethene	9.1	ug/L	2.5	12/28/20 23:37	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199028	**MW-40**					
EPA 8260	1,1,1-Trichloroethane	23.0	ug/L	2.0	12/28/20 23:18	
EPA 8260	1,1-Dichloroethane	7.8	ug/L	2.0	12/28/20 23:18	
EPA 8260	1,1-Dichloroethene	2.6	ug/L	2.0	12/28/20 23:18	
EPA 8260	Trichloroethene	177	ug/L	2.0	12/28/20 23:18	
EPA 8260	cis-1,2-Dichloroethene	5.4	ug/L	2.0	12/28/20 23:18	
40220199029	**MW-48**					
EPA 8260	Trichloroethene	0.70J	ug/L	1.0	12/29/20 07:18	
40220199030	**MW-41**					
EPA 8260	1,1,1-Trichloroethane	35.5	ug/L	1.0	12/28/20 22:59	
EPA 8260	1,1-Dichloroethane	10.9	ug/L	1.0	12/28/20 22:59	
EPA 8260	1,1-Dichloroethene	3.8	ug/L	1.0	12/28/20 22:59	
EPA 8260	Trichloroethene	252	ug/L	1.0	12/28/20 22:59	
EPA 8260	cis-1,2-Dichloroethene	3.9	ug/L	1.0	12/28/20 22:59	
40220199031	**MW-49**					
EPA 8260	1,1,1-Trichloroethane	18.1	ug/L	1.0	12/28/20 20:07	
EPA 8260	1,1-Dichloroethane	5.6	ug/L	1.0	12/28/20 20:07	
EPA 8260	1,1-Dichloroethene	2.3	ug/L	1.0	12/28/20 20:07	
EPA 8260	Trichloroethene	97.0	ug/L	1.0	12/28/20 20:07	
EPA 8260	cis-1,2-Dichloroethene	0.86J	ug/L	1.0	12/28/20 20:07	
40220199032	**MW-39**					
EPA 8260	Trichloroethene	1.6	ug/L	1.0	12/28/20 20:26	
40220199033	**MW-27**					
EPA 8260	1,1-Dichloroethane	0.76J	ug/L	1.0	12/28/20 20:46	
40220199035	**MW-54**					
EPA 8260	Trichloroethene	0.76J	ug/L	1.0	12/28/20 18:51	
40220199037	**MW-44**					
EPA 8260	Trichloroethene	0.32J	ug/L	1.0	12/28/20 21:43	
40220199038	**MW-36**					
EPA 8260	1,1,1-Trichloroethane	27.9	ug/L	5.0	12/29/20 00:16	
EPA 8260	1,1-Dichloroethane	11.5	ug/L	5.0	12/29/20 00:16	
EPA 8260	1,1-Dichloroethene	4.3J	ug/L	5.0	12/29/20 00:16	
EPA 8260	Trichloroethene	454	ug/L	5.0	12/29/20 00:16	
EPA 8260	cis-1,2-Dichloroethene	9.0	ug/L	5.0	12/29/20 00:16	
40220199039	**MW-37**					
EPA 8260	1,1,1-Trichloroethane	21.9	ug/L	2.0	12/28/20 23:57	
EPA 8260	1,1-Dichloroethane	9.6	ug/L	2.0	12/28/20 23:57	
EPA 8260	1,1-Dichloroethene	1.1J	ug/L	2.0	12/28/20 23:57	
EPA 8260	Trichloroethene	177	ug/L	2.0	12/28/20 23:57	
EPA 8260	cis-1,2-Dichloroethene	3.8	ug/L	2.0	12/28/20 23:57	
40220199040	**CREEK-DOWNSTREAM**					
EPA 8260	1,1,1-Trichloroethane	0.80J	ug/L	1.0	12/28/20 18:13	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199040	**CREEK-DOWNSTREAM**					
EPA 8260	1,1-Dichloroethane	0.35J	ug/L	1.0	12/28/20 18:13	
EPA 8260	Trichloroethene	6.8	ug/L	1.0	12/28/20 18:13	
EPA 8260	Vinyl chloride	0.21J	ug/L	1.0	12/28/20 18:13	
EPA 8260	cis-1,2-Dichloroethene	0.46J	ug/L	1.0	12/28/20 18:13	
40220199041	**HOBO SPRING**					
EPA 8260	1,1,1-Trichloroethane	18.2	ug/L	1.0	12/29/20 01:05	
EPA 8260	1,1-Dichloroethane	7.2	ug/L	1.0	12/29/20 01:05	
EPA 8260	1,1-Dichloroethene	1.7	ug/L	1.0	12/29/20 01:05	
EPA 8260	Trichloroethene	132	ug/L	1.0	12/29/20 01:05	
EPA 8260	cis-1,2-Dichloroethene	9.3	ug/L	1.0	12/29/20 01:05	
EPA 8260	trans-1,2-Dichloroethene	0.61J	ug/L	1.5	12/29/20 01:05	
40220199042	**CREEK-UPSTREAM**					
EPA 8260	1,1,1-Trichloroethane	0.58J	ug/L	1.0	12/28/20 22:13	
EPA 8260	Trichloroethene	2.2	ug/L	1.0	12/28/20 22:13	
EPA 8260	Vinyl chloride	0.20J	ug/L	1.0	12/28/20 22:13	
40220199043	**MW-52**					
EPA 8260	1,1-Dichloroethane	0.40J	ug/L	1.0	12/28/20 22:35	
EPA 8260	Trichloroethene	3.6	ug/L	1.0	12/28/20 22:35	
40220199045	**MW-50**					
EPA 8260	1,1,1-Trichloroethane	31.6	ug/L	1.0	12/28/20 23:18	
EPA 8260	1,1-Dichloroethane	9.2	ug/L	1.0	12/28/20 23:18	
EPA 8260	1,1-Dichloroethene	3.3	ug/L	1.0	12/28/20 23:18	
EPA 8260	Trichloroethene	209	ug/L	1.0	12/28/20 23:18	
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	12/28/20 23:18	
40220199048	**MW-38**					
EPA 8260	1,1,1-Trichloroethane	1.8	ug/L	1.0	12/29/20 01:27	
EPA 8260	1,1-Dichloroethane	2.7	ug/L	1.0	12/29/20 01:27	
EPA 8260	1,1-Dichloroethene	0.67J	ug/L	1.0	12/29/20 01:27	
EPA 8260	Trichloroethene	25.4	ug/L	1.0	12/29/20 01:27	
EPA 8260	Vinyl chloride	10.6	ug/L	1.0	12/29/20 01:27	
EPA 8260	cis-1,2-Dichloroethene	15.7	ug/L	1.0	12/29/20 01:27	
EPA 8260	trans-1,2-Dichloroethene	1.1J	ug/L	1.5	12/29/20 01:27	
40220199049	**MW-55**					
EPA 8260	Trichloroethene	0.84J	ug/L	1.0	12/29/20 00:22	
EPA 8260	Vinyl chloride	0.22J	ug/L	1.0	12/29/20 00:22	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	12/29/20 00:22	
40220199050	**DUP-1**					
EPA 8260	1,1,1-Trichloroethane	40.8	ug/L	2.0	12/29/20 01:48	
EPA 8260	1,1-Dichloroethane	16.2	ug/L	2.0	12/29/20 01:48	
EPA 8260	1,1-Dichloroethene	5.0	ug/L	2.0	12/29/20 01:48	
EPA 8260	Trichloroethene	322	ug/L	2.0	12/29/20 01:48	
EPA 8260	cis-1,2-Dichloroethene	9.9	ug/L	2.0	12/29/20 01:48	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220199051	**DUP-2**					
EPA 8260	1,1,1-Trichloroethane	24.9	ug/L	2.0	12/29/20 02:10	
EPA 8260	1,1-Dichloroethane	8.1	ug/L	2.0	12/29/20 02:10	
EPA 8260	1,1-Dichloroethene	2.3	ug/L	2.0	12/29/20 02:10	
EPA 8260	Trichloroethene	175	ug/L	2.0	12/29/20 02:10	
EPA 8260	cis-1,2-Dichloroethene	1.5J	ug/L	2.0	12/29/20 02:10	
40220199052	**DUP-3**					
EPA 8260	1,1-Dichloroethane	0.84J	ug/L	1.0	12/29/20 00:44	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-9D **Lab ID: 40220199001** Collected: 12/15/20 10:13 Received: 12/22/20 11:40 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		12/28/20 08:57	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 08:57	79-00-5	
1,1-Dichloroethane	**0.28J**	ug/L	1.0	0.27	1		12/28/20 08:57	75-34-3	
1,1-Dichloroethene	**0.33J**	ug/L	1.0	0.24	1		12/28/20 08:57	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 08:57	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 08:57	127-18-4	
Trichloroethene	**28.4**	ug/L	1.0	0.26	1		12/28/20 08:57	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 08:57	75-01-4	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	0.27	1		12/28/20 08:57	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 08:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 08:57	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 08:57	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 08:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-9 **Lab ID: 40220199002** Collected: 12/15/20 10:43 Received: 12/22/20 11:40 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	**22.8**	ug/L	2.0	0.49	2		12/28/20 16:18	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/28/20 16:18	79-00-5	
1,1-Dichloroethane	**10.9**	ug/L	2.0	0.55	2		12/28/20 16:18	75-34-3	
1,1-Dichloroethene	**1.2J**	ug/L	2.0	0.49	2		12/28/20 16:18	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/28/20 16:18	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/28/20 16:18	127-18-4	
Trichloroethene	**598**	ug/L	10.0	2.6	10		12/29/20 07:57	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/28/20 16:18	75-01-4	
cis-1,2-Dichloroethene	**14.6**	ug/L	2.0	0.54	2		12/28/20 16:18	156-59-2	
trans-1,2-Dichloroethene	**1.8J**	ug/L	3.1	0.93	2		12/28/20 16:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		2		12/28/20 16:18	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		2		12/28/20 16:18	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2		12/28/20 16:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-9D2 **Lab ID: 40220199003** Collected: 12/15/20 11:16 Received: 12/22/20 11:40 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		12/28/20 08:37	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 08:37	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 08:37	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 08:37	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 08:37	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 08:37	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 08:37	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 08:37	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 08:37	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 08:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 08:37	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		12/28/20 08:37	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 08:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-15 **Lab ID: 40220199004** Collected: 12/15/20 11:57 Received: 12/22/20 11:40 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	**66.6**	ug/L	20.0	4.9	20		12/28/20 15:40	71-55-6	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		12/28/20 15:40	79-00-5	
1,1-Dichloroethane	**34.8**	ug/L	20.0	5.5	20		12/28/20 15:40	75-34-3	
1,1-Dichloroethene	**14.9J**	ug/L	20.0	4.9	20		12/28/20 15:40	75-35-4	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		12/28/20 15:40	107-06-2	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		12/28/20 15:40	127-18-4	
Trichloroethene	**1870**	ug/L	20.0	5.1	20		12/28/20 15:40	79-01-6	
Vinyl chloride	**<3.5**	ug/L	20.0	3.5	20		12/28/20 15:40	75-01-4	
cis-1,2-Dichloroethene	**42.6**	ug/L	20.0	5.4	20		12/28/20 15:40	156-59-2	
trans-1,2-Dichloroethene	**<9.3**	ug/L	30.9	9.3	20		12/28/20 15:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		20		12/28/20 15:40	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		20		12/28/20 15:40	1868-53-7	
Toluene-d8 (S)	106	%	70-130		20		12/28/20 15:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-13 **Lab ID: 40220199005** Collected: 12/15/20 12:30 Received: 12/22/20 11:40 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	**38.4**	ug/L	10.0	2.4	10		12/28/20 15:20	71-55-6	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		12/28/20 15:20	79-00-5	
1,1-Dichloroethane	**37.6**	ug/L	10.0	2.7	10		12/28/20 15:20	75-34-3	
1,1-Dichloroethene	**15.6**	ug/L	10.0	2.4	10		12/28/20 15:20	75-35-4	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		12/28/20 15:20	107-06-2	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		12/28/20 15:20	127-18-4	
Trichloroethene	**2190**	ug/L	10.0	2.6	10		12/28/20 15:20	79-01-6	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		12/28/20 15:20	75-01-4	
cis-1,2-Dichloroethene	**39.1**	ug/L	10.0	2.7	10		12/28/20 15:20	156-59-2	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		12/28/20 15:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		10		12/28/20 15:20	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		10		12/28/20 15:20	1868-53-7	
Toluene-d8 (S)	107	%	70-130		10		12/28/20 15:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-11 **Lab ID: 40220199006** Collected: 12/15/20 13:08 Received: 12/22/20 11:40 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	**4.2**	ug/L	1.0	0.24	1		12/28/20 12:08	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 12:08	79-00-5	
1,1-Dichloroethane	**2.5**	ug/L	1.0	0.27	1		12/28/20 12:08	75-34-3	
1,1-Dichloroethene	**1.0**	ug/L	1.0	0.24	1		12/28/20 12:08	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 12:08	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 12:08	127-18-4	
Trichloroethene	**161**	ug/L	1.0	0.26	1		12/28/20 12:08	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 12:08	75-01-4	
cis-1,2-Dichloroethene	**7.7**	ug/L	1.0	0.27	1		12/28/20 12:08	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 12:08	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 12:08	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/28/20 12:08	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 12:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-24 **Lab ID: 40220199007** Collected: 12/15/20 13:51 Received: 12/22/20 11:40 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	**2.5**	ug/L	1.0	0.24	1		12/28/20 09:16	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 09:16	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.27	1		12/28/20 09:16	75-34-3	
1,1-Dichloroethene	**0.70J**	ug/L	1.0	0.24	1		12/28/20 09:16	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 09:16	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 09:16	127-18-4	
Trichloroethene	**73.2**	ug/L	1.0	0.26	1		12/28/20 09:16	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 09:16	75-01-4	
cis-1,2-Dichloroethene	**4.2**	ug/L	1.0	0.27	1		12/28/20 09:16	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 09:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/28/20 09:16	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 09:16	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		12/28/20 09:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-24D **Lab ID: 40220199008** Collected: 12/15/20 14:24 Received: 12/22/20 11:40 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	**0.59J**	ug/L	1.0	0.24	1		12/28/20 09:35	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 09:35	79-00-5	
1,1-Dichloroethane	**4.2**	ug/L	1.0	0.27	1		12/28/20 09:35	75-34-3	
1,1-Dichloroethene	**1.7**	ug/L	1.0	0.24	1		12/28/20 09:35	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 09:35	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 09:35	127-18-4	
Trichloroethene	**20.5**	ug/L	1.0	0.26	1		12/28/20 09:35	79-01-6	
Vinyl chloride	**0.66J**	ug/L	1.0	0.17	1		12/28/20 09:35	75-01-4	
cis-1,2-Dichloroethene	**25.0**	ug/L	1.0	0.27	1		12/28/20 09:35	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.5	0.46	1		12/28/20 09:35	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 09:35	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/28/20 09:35	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 09:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-26 **Lab ID: 40220199009** Collected: 12/15/20 13:25 Received: 12/22/20 11:40 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		12/28/20 11:49	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 11:49	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 11:49	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 11:49	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 11:49	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 11:49	127-18-4	
Trichloroethene	**8.1**	ug/L	1.0	0.26	1		12/28/20 11:49	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 11:49	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 11:49	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 11:49	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 11:49	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/28/20 11:49	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 11:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-31 **Lab ID: 40220199010** Collected: 12/16/20 08:57 Received: 12/22/20 11:40 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		12/28/20 09:54	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 09:54	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 09:54	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 09:54	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 09:54	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 09:54	127-18-4	
Trichloroethene	**0.69J**	ug/L	1.0	0.26	1		12/28/20 09:54	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 09:54	75-01-4	
cis-1,2-Dichloroethene	**0.62J**	ug/L	1.0	0.27	1		12/28/20 09:54	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 09:54	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 09:54	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 09:54	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 09:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: NMW-7 **Lab ID: 40220199011** Collected: 12/16/20 09:32 Received: 12/22/20 11:40 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	**16.6**	ug/L	1.0	0.24	1		12/28/20 10:13	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 10:13	79-00-5	
1,1-Dichloroethane	**6.3**	ug/L	1.0	0.27	1		12/28/20 10:13	75-34-3	
1,1-Dichloroethene	**2.1**	ug/L	1.0	0.24	1		12/28/20 10:13	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 10:13	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 10:13	127-18-4	
Trichloroethene	**139**	ug/L	1.0	0.26	1		12/28/20 10:13	79-01-6	
Vinyl chloride	**0.56J**	ug/L	1.0	0.17	1		12/28/20 10:13	75-01-4	
cis-1,2-Dichloroethene	**2.1**	ug/L	1.0	0.27	1		12/28/20 10:13	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 10:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 10:13	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/28/20 10:13	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 10:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: NMW-1 **Lab ID: 40220199012** Collected: 12/16/20 10:11 Received: 12/22/20 11:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**46.3**	ug/L	2.5	0.61	2.5		12/28/20 15:01	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		12/28/20 15:01	79-00-5	
1,1-Dichloroethane	**16.5**	ug/L	2.5	0.68	2.5		12/28/20 15:01	75-34-3	
1,1-Dichloroethene	**5.5**	ug/L	2.5	0.61	2.5		12/28/20 15:01	75-35-4	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		12/28/20 15:01	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		12/28/20 15:01	127-18-4	
Trichloroethene	**307**	ug/L	2.5	0.64	2.5		12/28/20 15:01	79-01-6	
Vinyl chloride	**<0.44**	ug/L	2.5	0.44	2.5		12/28/20 15:01	75-01-4	
cis-1,2-Dichloroethene	**3.4**	ug/L	2.5	0.68	2.5		12/28/20 15:01	156-59-2	
trans-1,2-Dichloroethene	**<1.2**	ug/L	3.9	1.2	2.5		12/28/20 15:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2.5		12/28/20 15:01	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		2.5		12/28/20 15:01	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2.5		12/28/20 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: NMW-8R **Lab ID: 40220199013** Collected: 12/16/20 10:54 Received: 12/22/20 11:40 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	**22.9**	ug/L	2.0	0.49	2		12/28/20 16:37	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/28/20 16:37	79-00-5	
1,1-Dichloroethane	**8.8**	ug/L	2.0	0.55	2		12/28/20 16:37	75-34-3	
1,1-Dichloroethene	**2.7**	ug/L	2.0	0.49	2		12/28/20 16:37	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/28/20 16:37	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/28/20 16:37	127-18-4	
Trichloroethene	**192**	ug/L	2.0	0.51	2		12/28/20 16:37	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/28/20 16:37	75-01-4	
cis-1,2-Dichloroethene	**2.5**	ug/L	2.0	0.54	2		12/28/20 16:37	156-59-2	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		12/28/20 16:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		2		12/28/20 16:37	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		2		12/28/20 16:37	1868-53-7	
Toluene-d8 (S)	107	%	70-130		2		12/28/20 16:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-23 **Lab ID: 40220199014** Collected: 12/16/20 11:42 Received: 12/22/20 11:40 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	**5.3**	ug/L	1.0	0.24	1		12/28/20 12:27	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 12:27	79-00-5	
1,1-Dichloroethane	**2.8**	ug/L	1.0	0.27	1		12/28/20 12:27	75-34-3	
1,1-Dichloroethene	**1.3**	ug/L	1.0	0.24	1		12/28/20 12:27	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 12:27	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 12:27	127-18-4	
Trichloroethene	**97.4**	ug/L	1.0	0.26	1		12/28/20 12:27	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 12:27	75-01-4	
cis-1,2-Dichloroethene	**14.5**	ug/L	1.0	0.27	1		12/28/20 12:27	156-59-2	
trans-1,2-Dichloroethene	**0.94J**	ug/L	1.5	0.46	1		12/28/20 12:27	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 12:27	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/28/20 12:27	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 12:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-43 **Lab ID: 40220199015** Collected: 12/16/20 12:20 Received: 12/22/20 11:40 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		12/28/20 10:32	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 10:32	79-00-5	
1,1-Dichloroethane	**0.88J**	ug/L	1.0	0.27	1		12/28/20 10:32	75-34-3	
1,1-Dichloroethene	**0.60J**	ug/L	1.0	0.24	1		12/28/20 10:32	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 10:32	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 10:32	127-18-4	
Trichloroethene	**16.7**	ug/L	1.0	0.26	1		12/28/20 10:32	79-01-6	
Vinyl chloride	**1.5**	ug/L	1.0	0.17	1		12/28/20 10:32	75-01-4	
cis-1,2-Dichloroethene	**22.1**	ug/L	1.0	0.27	1		12/28/20 10:32	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 10:32	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 10:32	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		12/28/20 10:32	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 10:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-28 **Lab ID: 40220199016** Collected: 12/16/20 12:51 Received: 12/22/20 11:40 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		12/28/20 14:23	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 14:23	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 14:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 14:23	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 14:23	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 14:23	127-18-4	
Trichloroethene	**0.28J**	ug/L	1.0	0.26	1		12/28/20 14:23	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 14:23	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 14:23	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 14:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 14:23	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 14:23	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 14:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-34 **Lab ID: 40220199017** Collected: 12/16/20 13:26 Received: 12/22/20 11:40 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		12/28/20 11:11	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 11:11	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 11:11	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 11:11	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 11:11	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 11:11	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 11:11	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 11:11	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 11:11	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 11:11	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/28/20 11:11	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/28/20 11:11	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 11:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-30 **Lab ID: 40220199018** Collected: 12/16/20 14:10 Received: 12/22/20 11:40 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	**80.8**	ug/L	10.0	2.4	10		12/28/20 15:59	71-55-6	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		12/28/20 15:59	79-00-5	
1,1-Dichloroethane	**33.6**	ug/L	10.0	2.7	10		12/28/20 15:59	75-34-3	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		12/28/20 15:59	75-35-4	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		12/28/20 15:59	107-06-2	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		12/28/20 15:59	127-18-4	
Trichloroethene	**1340**	ug/L	10.0	2.6	10		12/28/20 15:59	79-01-6	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		12/28/20 15:59	75-01-4	
cis-1,2-Dichloroethene	**16.7**	ug/L	10.0	2.7	10		12/28/20 15:59	156-59-2	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		12/28/20 15:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		10		12/28/20 15:59	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		10		12/28/20 15:59	1868-53-7	
Toluene-d8 (S)	106	%	70-130		10		12/28/20 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: NMW-4 **Lab ID: 40220199019** Collected: 12/16/20 14:56 Received: 12/22/20 11:40 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		12/28/20 14:42	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 14:42	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 14:42	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 14:42	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 14:42	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 14:42	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 14:42	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 14:42	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 14:42	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 14:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 14:42	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 14:42	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 14:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-33 **Lab ID: 40220199020** Collected: 12/16/20 15:32 Received: 12/22/20 11:40 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		12/28/20 11:30	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 11:30	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 11:30	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 11:30	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 11:30	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 11:30	127-18-4	
Trichloroethene	**2.9**	ug/L	1.0	0.26	1		12/28/20 11:30	79-01-6	
Vinyl chloride	**0.24J**	ug/L	1.0	0.17	1		12/28/20 11:30	75-01-4	
cis-1,2-Dichloroethene	**3.6**	ug/L	1.0	0.27	1		12/28/20 11:30	156-59-2	
trans-1,2-Dichloroethene	**3.6**	ug/L	1.5	0.46	1		12/28/20 11:30	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/28/20 11:30	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 11:30	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 11:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: NMW-3R **Lab ID: 40220199021** Collected: 12/17/20 08:57 Received: 12/22/20 11:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**7.0**	ug/L	1.0	0.24	1		12/28/20 19:10	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 19:10	79-00-5	
1,1-Dichloroethane	**3.4**	ug/L	1.0	0.27	1		12/28/20 19:10	75-34-3	
1,1-Dichloroethene	**1.4**	ug/L	1.0	0.24	1		12/28/20 19:10	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 19:10	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 19:10	127-18-4	
Trichloroethene	**69.3**	ug/L	1.0	0.26	1		12/28/20 19:10	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 19:10	75-01-4	
cis-1,2-Dichloroethene	**11.3**	ug/L	1.0	0.27	1		12/28/20 19:10	156-59-2	
trans-1,2-Dichloroethene	**0.52J**	ug/L	1.5	0.46	1		12/28/20 19:10	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		12/28/20 19:10	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 19:10	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 19:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-42 **Lab ID: 40220199022** Collected: 12/17/20 09:36 Received: 12/22/20 11:40 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	**38.3**	ug/L	1.0	0.24	1		12/28/20 22:02	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:02	79-00-5	
1,1-Dichloroethane	**17.5**	ug/L	1.0	0.27	1		12/28/20 22:02	75-34-3	
1,1-Dichloroethene	**5.7**	ug/L	1.0	0.24	1		12/28/20 22:02	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:02	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:02	127-18-4	
Trichloroethene	**241**	ug/L	1.0	0.26	1		12/28/20 22:02	79-01-6	
Vinyl chloride	**1.1**	ug/L	1.0	0.17	1		12/28/20 22:02	75-01-4	
cis-1,2-Dichloroethene	**4.6**	ug/L	1.0	0.27	1		12/28/20 22:02	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:02	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 22:02	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 22:02	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 22:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-45 **Lab ID: 40220199023** Collected: 12/17/20 10:13 Received: 12/22/20 11:40 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	**3.4**	ug/L	1.0	0.24	1		12/28/20 22:21	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:21	79-00-5	
1,1-Dichloroethane	**5.0**	ug/L	1.0	0.27	1		12/28/20 22:21	75-34-3	
1,1-Dichloroethene	**0.55J**	ug/L	1.0	0.24	1		12/28/20 22:21	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:21	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:21	127-18-4	
Trichloroethene	**39.8**	ug/L	1.0	0.26	1		12/28/20 22:21	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 22:21	75-01-4	
cis-1,2-Dichloroethene	**33.0**	ug/L	1.0	0.27	1		12/28/20 22:21	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:21	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 22:21	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 22:21	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 22:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-32 **Lab ID: 40220199024** Collected: 12/17/20 11:08 Received: 12/22/20 11:40 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		12/28/20 18:32	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 18:32	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 18:32	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 18:32	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 18:32	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 18:32	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 18:32	79-01-6	
Vinyl chloride	**0.37J**	ug/L	1.0	0.17	1		12/28/20 18:32	75-01-4	
cis-1,2-Dichloroethene	**5.0**	ug/L	1.0	0.27	1		12/28/20 18:32	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 18:32	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 18:32	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 18:32	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 18:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-29 **Lab ID: 40220199025** Collected: 12/17/20 11:55 Received: 12/22/20 11:40 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	**21.8**	ug/L	1.0	0.24	1		12/28/20 19:29	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 19:29	79-00-5	
1,1-Dichloroethane	**10.3**	ug/L	1.0	0.27	1		12/28/20 19:29	75-34-3	
1,1-Dichloroethene	**2.5**	ug/L	1.0	0.24	1		12/28/20 19:29	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 19:29	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 19:29	127-18-4	
Trichloroethene	**173**	ug/L	1.0	0.26	1		12/28/20 19:29	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 19:29	75-01-4	
cis-1,2-Dichloroethene	**7.7**	ug/L	1.0	0.27	1		12/28/20 19:29	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 19:29	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 19:29	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 19:29	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 19:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-29D **Lab ID: 40220199026** Collected: 12/17/20 12:20 Received: 12/22/20 11:40 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		12/29/20 07:38	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 07:38	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/29/20 07:38	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/29/20 07:38	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 07:38	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 07:38	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/29/20 07:38	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/29/20 07:38	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/29/20 07:38	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/29/20 07:38	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 07:38	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/29/20 07:38	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/29/20 07:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-35 **Lab ID: 40220199027** Collected: 12/17/20 12:53 Received: 12/22/20 11:40 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	**35.3**	ug/L	2.5	0.61	2.5		12/28/20 23:37	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		12/28/20 23:37	79-00-5	
1,1-Dichloroethane	**16.8**	ug/L	2.5	0.68	2.5		12/28/20 23:37	75-34-3	
1,1-Dichloroethene	**5.8**	ug/L	2.5	0.61	2.5		12/28/20 23:37	75-35-4	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		12/28/20 23:37	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		12/28/20 23:37	127-18-4	
Trichloroethene	**344**	ug/L	2.5	0.64	2.5		12/28/20 23:37	79-01-6	
Vinyl chloride	**<0.44**	ug/L	2.5	0.44	2.5		12/28/20 23:37	75-01-4	
cis-1,2-Dichloroethene	**9.1**	ug/L	2.5	0.68	2.5		12/28/20 23:37	156-59-2	
trans-1,2-Dichloroethene	**<1.2**	ug/L	3.9	1.2	2.5		12/28/20 23:37	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		2.5		12/28/20 23:37	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		2.5		12/28/20 23:37	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2.5		12/28/20 23:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-40 **Lab ID: 40220199028** Collected: 12/17/20 13:34 Received: 12/22/20 11:40 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	**23.0**	ug/L	2.0	0.49	2		12/28/20 23:18	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/28/20 23:18	79-00-5	
1,1-Dichloroethane	**7.8**	ug/L	2.0	0.55	2		12/28/20 23:18	75-34-3	
1,1-Dichloroethene	**2.6**	ug/L	2.0	0.49	2		12/28/20 23:18	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/28/20 23:18	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/28/20 23:18	127-18-4	
Trichloroethene	**177**	ug/L	2.0	0.51	2		12/28/20 23:18	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/28/20 23:18	75-01-4	
cis-1,2-Dichloroethene	**5.4**	ug/L	2.0	0.54	2		12/28/20 23:18	156-59-2	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		12/28/20 23:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		2		12/28/20 23:18	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		2		12/28/20 23:18	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2		12/28/20 23:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-48 **Lab ID: 40220199029** Collected: 12/17/20 14:16 Received: 12/22/20 11:40 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		12/29/20 07:18	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 07:18	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/29/20 07:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/29/20 07:18	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 07:18	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 07:18	127-18-4	
Trichloroethene	**0.70J**	ug/L	1.0	0.26	1		12/29/20 07:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/29/20 07:18	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/29/20 07:18	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/29/20 07:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		12/29/20 07:18	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/29/20 07:18	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/29/20 07:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-41 **Lab ID: 40220199030** Collected: 12/17/20 14:48 Received: 12/22/20 11:40 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		12/28/20 22:59	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:59	79-00-5	
1,1-Dichloroethane	**10.9**	ug/L	1.0	0.27	1		12/28/20 22:59	75-34-3	
1,1-Dichloroethene	**3.8**	ug/L	1.0	0.24	1		12/28/20 22:59	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:59	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:59	127-18-4	
Trichloroethene	**252**	ug/L	1.0	0.26	1		12/28/20 22:59	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 22:59	75-01-4	
cis-1,2-Dichloroethene	**3.9**	ug/L	1.0	0.27	1		12/28/20 22:59	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 22:59	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/28/20 22:59	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 22:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-49 **Lab ID: 40220199031** Collected: 12/17/20 15:27 Received: 12/22/20 11:40 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	**18.1**	ug/L	1.0	0.24	1		12/28/20 20:07	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 20:07	79-00-5	
1,1-Dichloroethane	**5.6**	ug/L	1.0	0.27	1		12/28/20 20:07	75-34-3	
1,1-Dichloroethene	**2.3**	ug/L	1.0	0.24	1		12/28/20 20:07	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 20:07	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 20:07	127-18-4	
Trichloroethene	**97.0**	ug/L	1.0	0.26	1		12/28/20 20:07	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 20:07	75-01-4	
cis-1,2-Dichloroethene	**0.86J**	ug/L	1.0	0.27	1		12/28/20 20:07	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 20:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 20:07	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		12/28/20 20:07	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 20:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-39 **Lab ID: 40220199032** Collected: 12/18/20 08:43 Received: 12/22/20 11:40 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		12/28/20 20:26	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 20:26	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 20:26	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 20:26	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 20:26	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 20:26	127-18-4	
Trichloroethene	**1.6**	ug/L	1.0	0.26	1		12/28/20 20:26	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 20:26	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 20:26	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 20:26	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 20:26	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		12/28/20 20:26	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 20:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-27 **Lab ID: 40220199033** Collected: 12/18/20 09:18 Received: 12/22/20 11:40 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		12/28/20 20:46	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 20:46	79-00-5	
1,1-Dichloroethane	**0.76J**	ug/L	1.0	0.27	1		12/28/20 20:46	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 20:46	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 20:46	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 20:46	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 20:46	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 20:46	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 20:46	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 20:46	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		12/28/20 20:46	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		12/28/20 20:46	1868-53-7	
Toluene-d8 (S)	108	%	70-130		1		12/28/20 20:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-25 **Lab ID: 40220199034** Collected: 12/18/20 10:08 Received: 12/22/20 11:40 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		12/28/20 21:05	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 21:05	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:05	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 21:05	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 21:05	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 21:05	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 21:05	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 21:05	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:05	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 21:05	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 21:05	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 21:05	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 21:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-54 **Lab ID: 40220199035** Collected: 12/18/20 10:58 Received: 12/22/20 11:40 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		12/28/20 18:51	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 18:51	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 18:51	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 18:51	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 18:51	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 18:51	127-18-4	
Trichloroethene	**0.76J**	ug/L	1.0	0.26	1		12/28/20 18:51	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 18:51	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 18:51	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 18:51	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 18:51	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 18:51	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		12/28/20 18:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-53 **Lab ID: 40220199036** Collected: 12/18/20 11:33 Received: 12/22/20 11:40 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		12/28/20 21:24	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 21:24	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:24	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 21:24	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 21:24	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 21:24	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 21:24	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 21:24	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:24	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 21:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/28/20 21:24	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		12/28/20 21:24	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		12/28/20 21:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-44 **Lab ID: 40220199037** Collected: 12/18/20 12:13 Received: 12/22/20 11:40 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		12/28/20 21:43	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 21:43	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:43	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 21:43	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 21:43	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 21:43	127-18-4	
Trichloroethene	**0.32J**	ug/L	1.0	0.26	1		12/28/20 21:43	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 21:43	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 21:43	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 21:43	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 21:43	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 21:43	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 21:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-36 **Lab ID: 40220199038** Collected: 12/18/20 12:47 Received: 12/22/20 11:40 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	**27.9**	ug/L	5.0	1.2	5		12/29/20 00:16	71-55-6	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		12/29/20 00:16	79-00-5	
1,1-Dichloroethane	**11.5**	ug/L	5.0	1.4	5		12/29/20 00:16	75-34-3	
1,1-Dichloroethene	**4.3J**	ug/L	5.0	1.2	5		12/29/20 00:16	75-35-4	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		12/29/20 00:16	107-06-2	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		12/29/20 00:16	127-18-4	
Trichloroethene	**454**	ug/L	5.0	1.3	5		12/29/20 00:16	79-01-6	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		12/29/20 00:16	75-01-4	
cis-1,2-Dichloroethene	**9.0**	ug/L	5.0	1.4	5		12/29/20 00:16	156-59-2	
trans-1,2-Dichloroethene	**<2.3**	ug/L	7.7	2.3	5		12/29/20 00:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		5		12/29/20 00:16	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		5		12/29/20 00:16	1868-53-7	
Toluene-d8 (S)	106	%	70-130		5		12/29/20 00:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-37 **Lab ID: 40220199039** Collected: 12/18/20 13:23 Received: 12/22/20 11:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**21.9**	ug/L	2.0	0.49	2		12/28/20 23:57	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/28/20 23:57	79-00-5	
1,1-Dichloroethane	**9.6**	ug/L	2.0	0.55	2		12/28/20 23:57	75-34-3	
1,1-Dichloroethene	**1.1J**	ug/L	2.0	0.49	2		12/28/20 23:57	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/28/20 23:57	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/28/20 23:57	127-18-4	
Trichloroethene	**177**	ug/L	2.0	0.51	2		12/28/20 23:57	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/28/20 23:57	75-01-4	
cis-1,2-Dichloroethene	**3.8**	ug/L	2.0	0.54	2		12/28/20 23:57	156-59-2	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		12/28/20 23:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		2		12/28/20 23:57	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		2		12/28/20 23:57	1868-53-7	
Toluene-d8 (S)	106	%	70-130		2		12/28/20 23:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: CREEK-DOWNSTREAM **Lab ID: 40220199040** Collected: 12/18/20 13:40 Received: 12/22/20 11:40 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	**0.80J**	ug/L	1.0	0.24	1		12/28/20 18:13	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 18:13	79-00-5	
1,1-Dichloroethane	**0.35J**	ug/L	1.0	0.27	1		12/28/20 18:13	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 18:13	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 18:13	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 18:13	127-18-4	
Trichloroethene	**6.8**	ug/L	1.0	0.26	1		12/28/20 18:13	79-01-6	
Vinyl chloride	**0.21J**	ug/L	1.0	0.17	1		12/28/20 18:13	75-01-4	
cis-1,2-Dichloroethene	**0.46J**	ug/L	1.0	0.27	1		12/28/20 18:13	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 18:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 18:13	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		12/28/20 18:13	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		12/28/20 18:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: HOBO SPRING **Lab ID: 40220199041** Collected: 12/18/20 13:50 Received: 12/22/20 11:40 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	**18.2**	ug/L	1.0	0.24	1		12/29/20 01:05	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 01:05	79-00-5	
1,1-Dichloroethane	**7.2**	ug/L	1.0	0.27	1		12/29/20 01:05	75-34-3	
1,1-Dichloroethene	**1.7**	ug/L	1.0	0.24	1		12/29/20 01:05	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 01:05	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 01:05	127-18-4	
Trichloroethene	**132**	ug/L	1.0	0.26	1		12/29/20 01:05	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/29/20 01:05	75-01-4	
cis-1,2-Dichloroethene	**9.3**	ug/L	1.0	0.27	1		12/29/20 01:05	156-59-2	
trans-1,2-Dichloroethene	**0.61J**	ug/L	1.5	0.46	1		12/29/20 01:05	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 01:05	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		12/29/20 01:05	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/29/20 01:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: CREEK-UPSTREAM **Lab ID: 40220199042** Collected: 12/18/20 14:30 Received: 12/22/20 11:40 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	**0.58J**	ug/L	1.0	0.24	1		12/28/20 22:13	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:13	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 22:13	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 22:13	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:13	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:13	127-18-4	
Trichloroethene	**2.2**	ug/L	1.0	0.26	1		12/28/20 22:13	79-01-6	
Vinyl chloride	**0.20J**	ug/L	1.0	0.17	1		12/28/20 22:13	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 22:13	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/28/20 22:13	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		12/28/20 22:13	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		12/28/20 22:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-52 **Lab ID: 40220199043** Collected: 12/21/20 09:41 Received: 12/22/20 11:40 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		12/28/20 22:35	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:35	79-00-5	
1,1-Dichloroethane	**0.40J**	ug/L	1.0	0.27	1		12/28/20 22:35	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 22:35	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:35	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:35	127-18-4	
Trichloroethene	**3.6**	ug/L	1.0	0.26	1		12/28/20 22:35	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 22:35	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 22:35	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:35	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/28/20 22:35	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		12/28/20 22:35	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/28/20 22:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-51 **Lab ID: 40220199044** Collected: 12/21/20 10:21 Received: 12/22/20 11:40 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		12/28/20 22:56	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 22:56	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 22:56	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 22:56	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 22:56	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 22:56	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 22:56	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 22:56	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 22:56	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 22:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/28/20 22:56	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/28/20 22:56	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/28/20 22:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-50 **Lab ID: 40220199045** Collected: 12/21/20 10:58 Received: 12/22/20 11:40 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	**31.6**	ug/L	1.0	0.24	1		12/28/20 23:18	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 23:18	79-00-5	
1,1-Dichloroethane	**9.2**	ug/L	1.0	0.27	1		12/28/20 23:18	75-34-3	
1,1-Dichloroethene	**3.3**	ug/L	1.0	0.24	1		12/28/20 23:18	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 23:18	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 23:18	127-18-4	
Trichloroethene	**209**	ug/L	1.0	0.26	1		12/28/20 23:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 23:18	75-01-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.27	1		12/28/20 23:18	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 23:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		12/28/20 23:18	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		12/28/20 23:18	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/28/20 23:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-46 **Lab ID: 40220199046** Collected: 12/21/20 11:41 Received: 12/22/20 11:40 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		12/28/20 23:39	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 23:39	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 23:39	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 23:39	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 23:39	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 23:39	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 23:39	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 23:39	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 23:39	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 23:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		12/28/20 23:39	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		12/28/20 23:39	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/28/20 23:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-47 **Lab ID: 40220199047** Collected: 12/21/20 12:16 Received: 12/22/20 11:40 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		12/29/20 00:01	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 00:01	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/29/20 00:01	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/29/20 00:01	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 00:01	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 00:01	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/29/20 00:01	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/29/20 00:01	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/29/20 00:01	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/29/20 00:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 00:01	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		12/29/20 00:01	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/29/20 00:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-38 **Lab ID: 40220199048** Collected: 12/21/20 12:52 Received: 12/22/20 11:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**1.8**	ug/L	1.0	0.24	1		12/29/20 01:27	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 01:27	79-00-5	
1,1-Dichloroethane	**2.7**	ug/L	1.0	0.27	1		12/29/20 01:27	75-34-3	
1,1-Dichloroethene	**0.67J**	ug/L	1.0	0.24	1		12/29/20 01:27	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 01:27	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 01:27	127-18-4	
Trichloroethene	**25.4**	ug/L	1.0	0.26	1		12/29/20 01:27	79-01-6	
Vinyl chloride	**10.6**	ug/L	1.0	0.17	1		12/29/20 01:27	75-01-4	
cis-1,2-Dichloroethene	**15.7**	ug/L	1.0	0.27	1		12/29/20 01:27	156-59-2	
trans-1,2-Dichloroethene	**1.1J**	ug/L	1.5	0.46	1		12/29/20 01:27	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 01:27	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		12/29/20 01:27	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		12/29/20 01:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: MW-55 **Lab ID: 40220199049** Collected: 12/21/20 13:25 Received: 12/22/20 11:40 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		12/29/20 00:22	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 00:22	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/29/20 00:22	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/29/20 00:22	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 00:22	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 00:22	127-18-4	
Trichloroethene	**0.84J**	ug/L	1.0	0.26	1		12/29/20 00:22	79-01-6	
Vinyl chloride	**0.22J**	ug/L	1.0	0.17	1		12/29/20 00:22	75-01-4	
cis-1,2-Dichloroethene	**2.1**	ug/L	1.0	0.27	1		12/29/20 00:22	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/29/20 00:22	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 00:22	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/29/20 00:22	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/29/20 00:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: DUP-1 **Lab ID: 40220199050** Collected: 12/17/20 00:00 Received: 12/22/20 11:40 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	**40.8**	ug/L	2.0	0.49	2		12/29/20 01:48	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/29/20 01:48	79-00-5	
1,1-Dichloroethane	**16.2**	ug/L	2.0	0.55	2		12/29/20 01:48	75-34-3	
1,1-Dichloroethene	**5.0**	ug/L	2.0	0.49	2		12/29/20 01:48	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/29/20 01:48	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/29/20 01:48	127-18-4	
Trichloroethene	**322**	ug/L	2.0	0.51	2		12/29/20 01:48	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/29/20 01:48	75-01-4	
cis-1,2-Dichloroethene	**9.9**	ug/L	2.0	0.54	2		12/29/20 01:48	156-59-2	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		12/29/20 01:48	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		2		12/29/20 01:48	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		2		12/29/20 01:48	1868-53-7	
Toluene-d8 (S)	92	%	70-130		2		12/29/20 01:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: DUP-2 **Lab ID: 40220199051** Collected: 12/18/20 00:00 Received: 12/22/20 11:40 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	**24.9**	ug/L	2.0	0.49	2		12/29/20 02:10	71-55-6	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		12/29/20 02:10	79-00-5	
1,1-Dichloroethane	**8.1**	ug/L	2.0	0.55	2		12/29/20 02:10	75-34-3	
1,1-Dichloroethene	**2.3**	ug/L	2.0	0.49	2		12/29/20 02:10	75-35-4	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		12/29/20 02:10	107-06-2	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		12/29/20 02:10	127-18-4	
Trichloroethene	**175**	ug/L	2.0	0.51	2		12/29/20 02:10	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		12/29/20 02:10	75-01-4	
cis-1,2-Dichloroethene	**1.5J**	ug/L	2.0	0.54	2		12/29/20 02:10	156-59-2	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		12/29/20 02:10	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		2		12/29/20 02:10	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		2		12/29/20 02:10	1868-53-7	
Toluene-d8 (S)	92	%	70-130		2		12/29/20 02:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: DUP-3 **Lab ID: 40220199052** Collected: 12/21/20 00:00 Received: 12/22/20 11:40 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		12/29/20 00:44	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/29/20 00:44	79-00-5	
1,1-Dichloroethane	**0.84J**	ug/L	1.0	0.27	1		12/29/20 00:44	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/29/20 00:44	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/29/20 00:44	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/29/20 00:44	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/29/20 00:44	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/29/20 00:44	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/29/20 00:44	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/29/20 00:44	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/29/20 00:44	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		12/29/20 00:44	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		12/29/20 00:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Sample: TRIP BLANK **Lab ID: 40220199053** Collected: 12/21/20 00:00 Received: 12/22/20 11:40 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		12/28/20 19:21	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		12/28/20 19:21	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		12/28/20 19:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/28/20 19:21	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		12/28/20 19:21	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		12/28/20 19:21	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		12/28/20 19:21	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		12/28/20 19:21	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		12/28/20 19:21	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		12/28/20 19:21	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		12/28/20 19:21	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		12/28/20 19:21	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		12/28/20 19:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

QC Batch: 374486
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40220199001, 40220199002, 40220199003, 40220199004, 40220199005, 40220199006, 40220199007, 40220199008, 40220199009, 40220199010, 40220199011, 40220199012, 40220199013, 40220199014, 40220199015, 40220199016, 40220199017, 40220199018, 40220199019, 40220199020

METHOD BLANK: 2164368
Matrix: Water
Associated Lab Samples: 40220199001, 40220199002, 40220199003, 40220199004, 40220199005, 40220199006, 40220199007, 40220199008, 40220199009, 40220199010, 40220199011, 40220199012, 40220199013, 40220199014, 40220199015, 40220199016, 40220199017, 40220199018, 40220199019, 40220199020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/28/20 07:02	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/28/20 07:02	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/28/20 07:02	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/28/20 07:02	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/28/20 07:02	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/28/20 07:02	
Tetrachloroethene	ug/L	<0.33	1.1	12/28/20 07:02	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/28/20 07:02	
Trichloroethene	ug/L	<0.26	1.0	12/28/20 07:02	
Vinyl chloride	ug/L	<0.17	1.0	12/28/20 07:02	
4-Bromofluorobenzene (S)	%	95	70-130	12/28/20 07:02	
Dibromofluoromethane (S)	%	102	70-130	12/28/20 07:02	
Toluene-d8 (S)	%	107	70-130	12/28/20 07:02	

LABORATORY CONTROL SAMPLE: 2164369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.6	105	70-130	
1,1,2-Trichloroethane	ug/L	50	56.3	113	70-130	
1,1-Dichloroethane	ug/L	50	52.5	105	69-163	
1,1-Dichloroethene	ug/L	50	50.8	102	77-123	
1,2-Dichloroethane	ug/L	50	48.4	97	78-142	
cis-1,2-Dichloroethene	ug/L	50	50.3	101	70-130	
Tetrachloroethene	ug/L	50	58.7	117	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.9	110	70-130	
Trichloroethene	ug/L	50	57.7	115	70-130	
Vinyl chloride	ug/L	50	51.8	104	51-140	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			108	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2165367 2165368

Parameter	Units	40220199003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.6	51.7	101	103	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	55.5	55.8	111	112	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	50.4	51.6	101	103	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	47.8	50.2	96	100	77-129	5	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	47.9	48.4	96	97	78-145	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	48.3	50.6	97	101	70-130	5	20	
Tetrachloroethene	ug/L	<0.33	50	50	56.0	56.2	112	112	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	53.3	54.6	107	109	70-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	55.1	56.6	110	113	70-130	3	20	
Vinyl chloride	ug/L	<0.17	50	50	51.1	51.3	102	103	51-140	0	20	
4-Bromofluorobenzene (S)	%						98	98	70-130			
Dibromofluoromethane (S)	%						101	99	70-130			
Toluene-d8 (S)	%						107	108	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

QC Batch: 374487
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40220199021, 40220199022, 40220199023, 40220199024, 40220199025, 40220199026, 40220199027, 40220199028, 40220199029, 40220199030, 40220199031, 40220199032, 40220199033, 40220199034, 40220199035, 40220199036, 40220199037, 40220199038, 40220199039, 40220199040

METHOD BLANK: 2164370 Matrix: Water
Associated Lab Samples: 40220199021, 40220199022, 40220199023, 40220199024, 40220199025, 40220199026, 40220199027, 40220199028, 40220199029, 40220199030, 40220199031, 40220199032, 40220199033, 40220199034, 40220199035, 40220199036, 40220199037, 40220199038, 40220199039, 40220199040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/28/20 14:04	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/28/20 14:04	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/28/20 14:04	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/28/20 14:04	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/28/20 14:04	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/28/20 14:04	
Tetrachloroethene	ug/L	<0.33	1.1	12/28/20 14:04	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/28/20 14:04	
Trichloroethene	ug/L	<0.26	1.0	12/28/20 14:04	
Vinyl chloride	ug/L	<0.17	1.0	12/28/20 14:04	
4-Bromofluorobenzene (S)	%	92	70-130	12/28/20 14:04	
Dibromofluoromethane (S)	%	95	70-130	12/28/20 14:04	
Toluene-d8 (S)	%	106	70-130	12/28/20 14:04	

LABORATORY CONTROL SAMPLE: 2164371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1,2-Trichloroethane	ug/L	50	56.3	113	70-130	
1,1-Dichloroethane	ug/L	50	50.2	100	69-163	
1,1-Dichloroethene	ug/L	50	49.8	100	77-123	
1,2-Dichloroethane	ug/L	50	48.5	97	78-142	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	70-130	
Tetrachloroethene	ug/L	50	58.8	118	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.2	104	70-130	
Trichloroethene	ug/L	50	59.4	119	70-130	
Vinyl chloride	ug/L	50	51.0	102	51-140	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			106	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2165365 2165366

Parameter	Units	40220199040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	0.80J	50	50	51.5	52.1	101	103	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	57.8	56.6	116	113	70-137	2	20	
1,1-Dichloroethane	ug/L	0.35J	50	50	50.9	51.4	101	102	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	49.5	50.7	99	101	77-129	3	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	49.0	48.7	98	97	78-145	1	20	
cis-1,2-Dichloroethene	ug/L	0.46J	50	50	48.7	50.3	96	100	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	60.2	58.8	120	118	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	52.1	53.3	104	106	70-130	2	20	
Trichloroethene	ug/L	6.8	50	50	65.9	64.6	118	116	70-130	2	20	
Vinyl chloride	ug/L	0.21J	50	50	51.2	51.1	102	102	51-140	0	20	
4-Bromofluorobenzene (S)	%						101	99	70-130			
Dibromofluoromethane (S)	%						94	97	70-130			
Toluene-d8 (S)	%						108	107	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

QC Batch: 374488 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40220199041, 40220199042, 40220199043, 40220199044, 40220199045, 40220199046, 40220199047, 40220199048, 40220199049, 40220199050, 40220199051, 40220199052, 40220199053

METHOD BLANK: 2164372 Matrix: Water
Associated Lab Samples: 40220199041, 40220199042, 40220199043, 40220199044, 40220199045, 40220199046, 40220199047, 40220199048, 40220199049, 40220199050, 40220199051, 40220199052, 40220199053

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	12/28/20 15:47	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	12/28/20 15:47	
1,1-Dichloroethane	ug/L	<0.27	1.0	12/28/20 15:47	
1,1-Dichloroethene	ug/L	<0.24	1.0	12/28/20 15:47	
1,2-Dichloroethane	ug/L	<0.28	1.0	12/28/20 15:47	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	12/28/20 15:47	
Tetrachloroethene	ug/L	<0.33	1.1	12/28/20 15:47	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	12/28/20 15:47	
Trichloroethene	ug/L	<0.26	1.0	12/28/20 15:47	
Vinyl chloride	ug/L	<0.17	1.0	12/28/20 15:47	
4-Bromofluorobenzene (S)	%	90	70-130	12/28/20 15:47	
Dibromofluoromethane (S)	%	106	70-130	12/28/20 15:47	
Toluene-d8 (S)	%	94	70-130	12/28/20 15:47	

LABORATORY CONTROL SAMPLE: 2164373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.0	116	70-130	
1,1,2-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethane	ug/L	50	48.1	96	69-163	
1,1-Dichloroethene	ug/L	50	50.9	102	77-123	
1,2-Dichloroethane	ug/L	50	49.0	98	78-142	
cis-1,2-Dichloroethene	ug/L	50	48.5	97	70-130	
Tetrachloroethene	ug/L	50	47.5	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
Trichloroethene	ug/L	50	51.4	103	70-130	
Vinyl chloride	ug/L	50	57.6	115	51-140	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40220199

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2164374 2164375

Parameter	Units	40220203003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00024 mg/L	50	50	58.0	58.6	116	117	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.00055 mg/L	50	50	48.4	47.8	97	96	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.00027 mg/L	50	50	47.5	47.8	95	96	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.00024 mg/L	50	50	50.7	51.0	101	102	77-129	1	20	
1,2-Dichloroethane	ug/L	<0.00028 mg/L	50	50	48.5	49.8	97	100	78-145	3	20	
cis-1,2-Dichloroethene	ug/L	<0.00027 mg/L	50	50	46.6	47.6	93	95	70-130	2	20	
Tetrachloroethene	ug/L	<0.00033 mg/L	50	50	49.2	49.8	98	99	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.00046 mg/L	50	50	50.5	51.2	101	102	70-130	1	20	
Trichloroethene	ug/L	<0.00026 mg/L	50	50	53.2	52.5	106	105	70-130	1	20	
Vinyl chloride	ug/L	<0.00017 mg/L	50	50	56.9	57.6	114	115	51-140	1	20	
4-Bromofluorobenzene (S)	%						97	93	70-130			
Dibromofluoromethane (S)	%						108	109	70-130			
Toluene-d8 (S)	%						91	92	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 11717 NAVISTAR
Pace Project No.: 40220199

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40220199001	MW-9D	EPA 8260	374486		
40220199002	MW-9	EPA 8260	374486		
40220199003	MW-9D2	EPA 8260	374486		
40220199004	MW-15	EPA 8260	374486		
40220199005	MW-13	EPA 8260	374486		
40220199006	MW-11	EPA 8260	374486		
40220199007	MW-24	EPA 8260	374486		
40220199008	MW-24D	EPA 8260	374486		
40220199009	MW-26	EPA 8260	374486		
40220199010	MW-31	EPA 8260	374486		
40220199011	NMW-7	EPA 8260	374486		
40220199012	NMW-1	EPA 8260	374486		
40220199013	NMW-8R	EPA 8260	374486		
40220199014	MW-23	EPA 8260	374486		
40220199015	MW-43	EPA 8260	374486		
40220199016	MW-28	EPA 8260	374486		
40220199017	MW-34	EPA 8260	374486		
40220199018	MW-30	EPA 8260	374486		
40220199019	NMW-4	EPA 8260	374486		
40220199020	MW-33	EPA 8260	374486		
40220199021	NMW-3R	EPA 8260	374487		
40220199022	MW-42	EPA 8260	374487		
40220199023	MW-45	EPA 8260	374487		
40220199024	MW-32	EPA 8260	374487		
40220199025	MW-29	EPA 8260	374487		
40220199026	MW-29D	EPA 8260	374487		
40220199027	MW-35	EPA 8260	374487		
40220199028	MW-40	EPA 8260	374487		
40220199029	MW-48	EPA 8260	374487		
40220199030	MW-41	EPA 8260	374487		
40220199031	MW-49	EPA 8260	374487		
40220199032	MW-39	EPA 8260	374487		
40220199033	MW-27	EPA 8260	374487		
40220199034	MW-25	EPA 8260	374487		
40220199035	MW-54	EPA 8260	374487		
40220199036	MW-53	EPA 8260	374487		
40220199037	MW-44	EPA 8260	374487		
40220199038	MW-36	EPA 8260	374487		
40220199039	MW-37	EPA 8260	374487		
40220199040	CREEK-DOWNSTREAM	EPA 8260	374487		
40220199041	HOBO SPRING	EPA 8260	374488		
40220199042	CREEK-UPSTREAM	EPA 8260	374488		
40220199043	MW-52	EPA 8260	374488		
40220199044	MW-51	EPA 8260	374488		
40220199045	MW-50	EPA 8260	374488		
40220199046	MW-46	EPA 8260	374488		
40220199047	MW-47	EPA 8260	374488		
40220199048	MW-38	EPA 8260	374488		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40220199

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40220199049	MW-55	EPA 8260	374488		
40220199050	DUP-1	EPA 8260	374488		
40220199051	DUP-2	EPA 8260	374488		
40220199052	DUP-3	EPA 8260	374488		
40220199053	TRIP BLANK	EPA 8260	374488		

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

Page 1 of 1

40220199

12/22/20

CHAIN OF CUSTODY

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

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

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	CVOCs			
001	MW-9D	12/15	1013	GW	N	B	X			
002	NMW-9	12/15	1043							
003	MW-9D2	12/15	1116							
004	MW-15	12/15	1157							
005	MW-13	12/15	1230							
006	MW-11	12/15	1308							
007	MW-24	12/15	1351							
008	MW-24D	12/15	1424							
009	MW-26	12/15	1325							
010	MW-31	12/16	0857							
011	NMW-7	12/16	0932							
012	NMW-1	12/16	1011							
013	NMW-8R	12/16	1054	↓	↓	↓	↓			

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/21/20 1700	FEDEX	12/21/20 1700
Fed Ex	12/22/20 1140	Middle Hackl Pace	12/22/20 1140

PACE Project No.
40220199

Receipt Temp = 1.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 08/14/06

Corrected 27Jun2006

ORI

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

40220199 12/22/2020

Page 76 of 83

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CHAIN OF CUSTODY

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

*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

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: CVOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	MW-23	12/16	1142	GW		N / B	X			
015	MW-43	12/16	1220							
016	MW-28	12/16	1251							
017	MW-34	12/16	1326							
018	MW-30	12/16	1410							
019	NMW-4	12/16	1456							
020	MW-33	12/16	1532							
021	NMW-3R	12/17	0857							
022	MW-42	12/17	0936							
023	MW-45	12/17	1013							
024	MW-32	12/17	1108							
025	MW-29	12/17	1155							
026	MW-29D	12/17	1220							

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/21/20 1700		
Fed Ex	12/22/20 1140	Nicole Hack/Pace	12/22/20 1140

PACE Project No. 40220199

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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

40220199

12/22/20 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

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

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

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

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

Matrix Codes

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

FILTERED? (YES/NO) — Y/N: N
PRESERVATION (CODE)* — Pick Letter: B
Analyses Requested: CVOCs

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	
027	MW-35	12/17	1253	GW	X
028	MW-40	12/17	1334		
029	MW-48	12/17	1416		
030	MW-41	12/17	1448		
031	MW-49	12/17	1527		
032	MW-39	12/18	0843		
033	MW-27	12/18	0918		
034	MW-25	12/18	1008		
035	MW-54	12/18	1058		
036	MW-53	12/18	1133		
037	MW-44	12/18	1213		
038	MW-36	12/18	1247		
039	MW-37	12/18	1323		

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:	Date/Time:	Received By:	Date/Time:
	12/21/20 1700		
Fed Ex	12/22/20 1140	Nicole Haeuf Pace	12/22/20 1140

PACE Project No. 40220199
Receipt Temp = 5.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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

4022099 12/22/20

CHAIN OF CUSTODY

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

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

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
040	CREEK-DOWNSTREAM	12/18	1340	GW	N	B	CVOCs			
041	HOBO SPRING	12/18	1350							
042	CREEK-UPSTREAM	12/18	1430							
043	MW-52	12/21	0941							
044	MW-51	12/21	1021							
045	MW-50	12/21	1058							
046	MW-46	12/21	1141							
047	MW-47	12/21	1216							
048	MW-38	12/21	1252							
049	MW-55	12/21	1325							
050	DUP-1	12/17	-							
051	DUP-2	12/18	-							
052	DUP-3	12/21	-							

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/21/20 1700		
Fed Ex	12/22/20 1140	Nicolle Hack/Pace	12/22/20 1140

PACE Project No.
4022099
Receipt Temp = KDF °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 08/14/06

C019a(27Jun2006)

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

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CHAIN OF CUSTODY

40220199 12/22/20 1533

Page 79 of 83

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

*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

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

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
053	Trip Blank	—	—	GW					12/22/20 NM lab created pg 5 for "Trip Blank"	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No. 40220199
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: Fed Ex	Date/Time: 12/22/20 1140	Received By: Nicole Hoeft Pace	Date/Time: 12/22/20 1140	Receipt Temp = 1.0 °C
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present (Intact) / Not Intact
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	
Fax:					

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

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

Sample Preservation Receipt Form

Client Name: KPRG Project # 40220199

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A Initial when completed: Date/ Time:

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

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						
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
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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	

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

Sample Preservation Receipt Form

Client Name: KPRG Project #: 40220199

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
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										1						2.5 / 5 / 10
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046																	3																2.5 / 5 / 10
047																	3																2.5 / 5 / 10
048																	3																2.5 / 5 / 10

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

Sample Preservation Receipt Form

Client Name: KPRG Project #: 40220199

	Glass								Plastic					Vials						Jars				General									
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
049																	3																2.5 / 5 / 10
050																	3																2.5 / 5 / 10
051																	3																2.5 / 5 / 10
052																	3																2.5 / 5 / 10
053																	4																2.5 / 5 / 10
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12/22/20

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40220199

40220199

Client Name: KPA G

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

Tracking #: 7817 7990 0607

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: 1.0/1.1 /Corr:

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

Person examining contents: Date: 12/22/20 /Initials: MM

Labeled By Initials: CM

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1. +CC 12/22/20 MM
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. mail/invoice/pg 5 12/22/20 MM
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☑No ☐N/A	4. no signature pg 5/lab added 12/22/20 MM
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: 12/22/20 MM	☑Yes ☐No ☐N/A	12. ~~003 032 appears on vial "mw39" process elimination thru date/time~~ 12/22/20 MM
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☐No ☑N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): 455		

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

Person Contacted: Date/Time:

Comments/ Resolution: 018 ID MW-39 placed by date & time

CB1 2/22/12

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

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

January 22, 2021

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

RE: Project: 11717 NAVISTAR
Pace Project No.: 40221147

Dear Rich Gnat:

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

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - 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

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

CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40221147

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40221147001	MW-50	Water	01/18/21 10:00	01/19/21 09:00
40221147002	MW-27	Water	01/18/21 09:00	01/19/21 09:00
40221147003	DUP-4	Water	01/18/21 00:00	01/19/21 09:00

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

SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40221147001	MW-50	EPA 8260	HNW	13	PASI-G
40221147002	MW-27	EPA 8260	HNW	13	PASI-G
40221147003	DUP-4	EPA 8260	HNW	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40221147001	**MW-50**					
EPA 8260	1,1,1-Trichloroethane	8.3	ug/L	1.0	01/20/21 12:19	
EPA 8260	1,1-Dichloroethane	3.1	ug/L	1.0	01/20/21 12:19	
EPA 8260	1,1-Dichloroethene	1.1	ug/L	1.0	01/20/21 12:19	
EPA 8260	Trichloroethene	65.3	ug/L	1.0	01/20/21 12:19	
EPA 8260	cis-1,2-Dichloroethene	0.52J	ug/L	1.0	01/20/21 12:19	
40221147002	**MW-27**					
EPA 8260	1,1-Dichloroethane	0.70J	ug/L	1.0	01/20/21 12:41	
40221147003	**DUP-4**					
EPA 8260	1,1,1-Trichloroethane	8.2	ug/L	1.0	01/20/21 13:02	
EPA 8260	1,1-Dichloroethane	3.1	ug/L	1.0	01/20/21 13:02	
EPA 8260	1,1-Dichloroethene	1.2	ug/L	1.0	01/20/21 13:02	
EPA 8260	Trichloroethene	64.7	ug/L	1.0	01/20/21 13:02	
EPA 8260	cis-1,2-Dichloroethene	0.53J	ug/L	1.0	01/20/21 13:02	

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Sample: MW-50 **Lab ID: 40221147001** Collected: 01/18/21 10:00 Received: 01/19/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**8.3**	ug/L	1.0	0.24	1		01/20/21 12:19	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/20/21 12:19	79-00-5	
1,1-Dichloroethane	**3.1**	ug/L	1.0	0.27	1		01/20/21 12:19	75-34-3	
1,1-Dichloroethene	**1.1**	ug/L	1.0	0.24	1		01/20/21 12:19	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/20/21 12:19	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/20/21 12:19	127-18-4	
Trichloroethene	**65.3**	ug/L	1.0	0.26	1		01/20/21 12:19	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/20/21 12:19	75-01-4	
cis-1,2-Dichloroethene	**0.52J**	ug/L	1.0	0.27	1		01/20/21 12:19	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/20/21 12:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/20/21 12:19	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/20/21 12:19	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		01/20/21 12:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Sample: MW-27 **Lab ID: 40221147002** Collected: 01/18/21 09:00 Received: 01/19/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/20/21 12:41	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/20/21 12:41	79-00-5	
1,1-Dichloroethane	**0.70J**	ug/L	1.0	0.27	1		01/20/21 12:41	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/20/21 12:41	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/20/21 12:41	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/20/21 12:41	127-18-4	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/20/21 12:41	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/20/21 12:41	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/20/21 12:41	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/20/21 12:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/20/21 12:41	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		01/20/21 12:41	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		01/20/21 12:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Sample: DUP-4 **Lab ID: 40221147003** Collected: 01/18/21 00:00 Received: 01/19/21 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**8.2**	ug/L	1.0	0.24	1		01/20/21 13:02	71-55-6	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/20/21 13:02	79-00-5	
1,1-Dichloroethane	**3.1**	ug/L	1.0	0.27	1		01/20/21 13:02	75-34-3	
1,1-Dichloroethene	**1.2**	ug/L	1.0	0.24	1		01/20/21 13:02	75-35-4	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/20/21 13:02	107-06-2	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/20/21 13:02	127-18-4	
Trichloroethene	**64.7**	ug/L	1.0	0.26	1		01/20/21 13:02	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/20/21 13:02	75-01-4	
cis-1,2-Dichloroethene	**0.53J**	ug/L	1.0	0.27	1		01/20/21 13:02	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/20/21 13:02	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/20/21 13:02	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/20/21 13:02	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		01/20/21 13:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40221147

QC Batch: 376116
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40221147001, 40221147002, 40221147003

METHOD BLANK: 2172466 Matrix: Water
Associated Lab Samples: 40221147001, 40221147002, 40221147003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	01/20/21 09:07	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	01/20/21 09:07	
1,1-Dichloroethane	ug/L	<0.27	1.0	01/20/21 09:07	
1,1-Dichloroethene	ug/L	<0.24	1.0	01/20/21 09:07	
1,2-Dichloroethane	ug/L	<0.28	1.0	01/20/21 09:07	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	01/20/21 09:07	
Tetrachloroethene	ug/L	<0.33	1.1	01/20/21 09:07	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	01/20/21 09:07	
Trichloroethene	ug/L	<0.26	1.0	01/20/21 09:07	
Vinyl chloride	ug/L	<0.17	1.0	01/20/21 09:07	
4-Bromofluorobenzene (S)	%	101	70-130	01/20/21 09:07	
Dibromofluoromethane (S)	%	101	70-130	01/20/21 09:07	
Toluene-d8 (S)	%	100	70-130	01/20/21 09:07	

LABORATORY CONTROL SAMPLE: 2172467

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	45.4	91	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	69-163	
1,1-Dichloroethene	ug/L	50	53.1	106	77-123	
1,2-Dichloroethane	ug/L	50	52.0	104	78-142	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
Tetrachloroethene	ug/L	50	47.5	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Vinyl chloride	ug/L	50	58.6	117	51-140	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 11717 NAVISTAR
Pace Project No.: 40221147

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40221147

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40221147001	MW-50	EPA 8260	376116		
40221147002	MW-27	EPA 8260	376116		
40221147003	DUP-4	EPA 8260	376116		

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

4022147

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

(Please Print Clearly)	
Company Name:	KPRG
Branch/Location:	BROOKFIELD, WI
Project Contact:	RICH GNAT
Phone:	262-781-0475
Project Number:	11717
Project Name:	NAVISTAR
Project State:	WI
Sampled By (Print):	Mitchel Dolan
Sampled By (Sign):	
PO #:	Regulatory Program:

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: CVOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-50	1/18/21	1000	GW		B	X			
002	MW-27	1/18/21	0900	GW		B	X			
003	DUP-4	1/18/21	—	GW		B	X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 1/21/21 2 Day

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

Email #1:	richardg@kprginc.com
Email #2:	mitcheld@kprginc.com
Telephone:	262-781-0475
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	1/18/21 1200	FEDEX	1/18/21 1200
Fed Ex	1/19/21 0900	Needle Huckleberry	1/19/21 0900

PACE Project No. 4022147

Receipt Temp = 0.7 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0

CO un200

ORIGINAL

Sample Preservation Receipt Form

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

Client Name: KPRG Project # Y022114

All containers needing preservation have been checked and noted below: □Yes □No ☒N/A Initial when completed: Date/ Time:

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

	Glass								Plastic					Vials						Jars				General							
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3															2.5 / 5 / 10
002																	3															2.5 / 5 / 10
003																	3															2.5 / 5 / 10
004																																2.5 / 5 / 10
005																																2.5 / 5 / 10
006																																2.5 / 5 / 10
007																																2.5 / 5 / 10
008																																2.5 / 5 / 10
009																																2.5 / 5 / 10
010																																2.5 / 5 / 10
011																																2.5 / 5 / 10
012																																2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																																2.5 / 5 / 10
016																																2.5 / 5 / 10
017																																2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

1/19/21 MW

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

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

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

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

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40221147

Client Name: KPRG

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

Tracking #: 7927 2787 7896

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: BOF /Corr:

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

Person examining contents: Date: 1/19/21 /Initials: KH

Labeled By Initials: KH

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

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. invoice - mail 1/19/21 KH
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☑Yes ☐No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: Date/Time:

Comments/ Resolution:

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