K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER - SURFACE WATER
DATA TRANSMITTAL

October 30, 2023

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

VIA E-MAIL and U.S. MAIL

KPRG Project No. 11717

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

Dear Mr. Drews:

The quarterly groundwater/surface water sampling was completed at the end of September 2023 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 data from the previous thirteen quarters for each monitoring point. A site map showing well locations is provided on Figure 1. A groundwater flow map and TCE isoconcentration map are also provided in Figures 2 and 3, respectively. The analytical data package is provided in the Attachment.

One well was not sampled this round. Well MW-32 was damaged and impacted by surface debris during demolition associated with the foundry decommission and will be properly abandoned before being replaced.

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

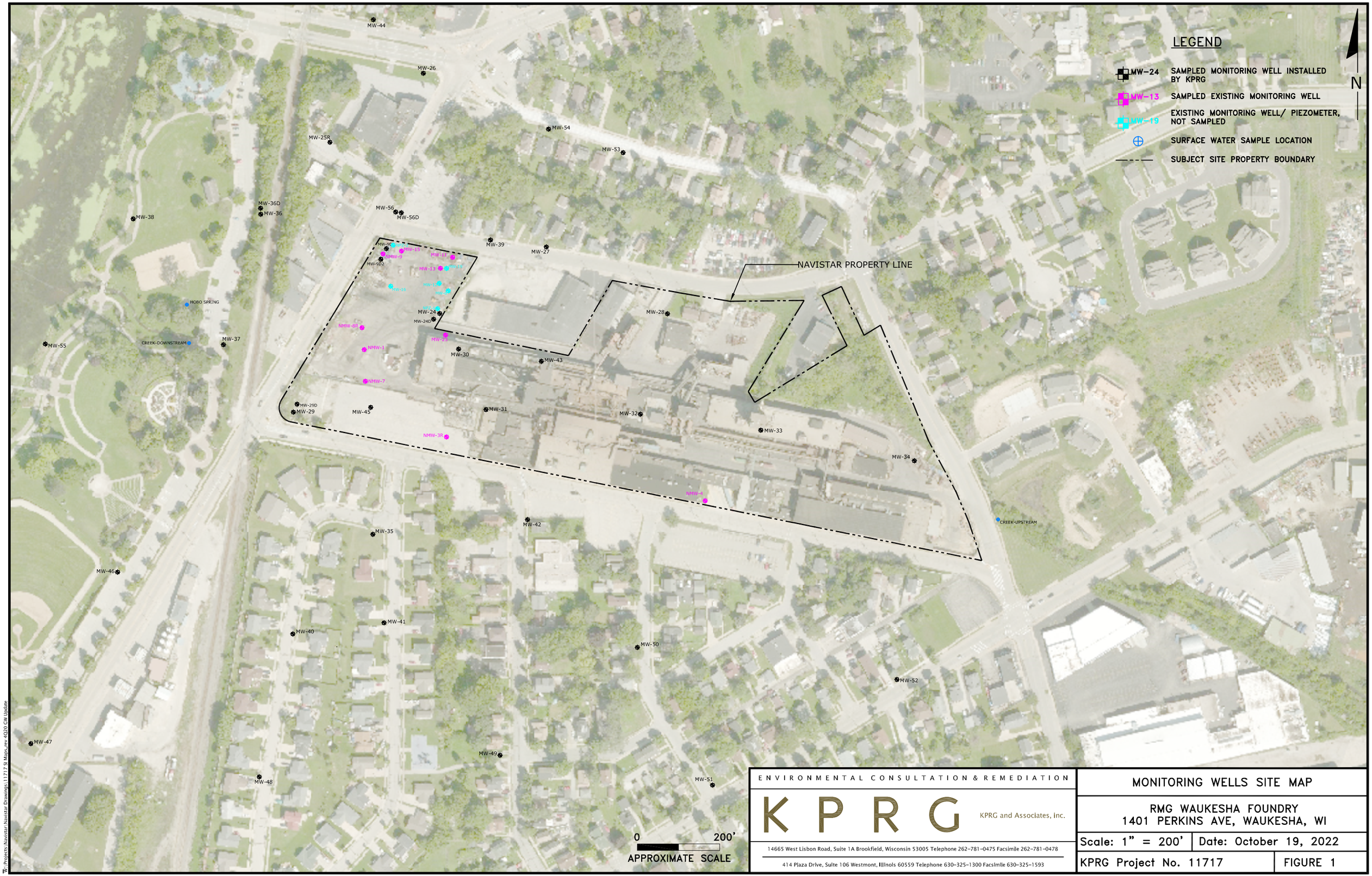
Sincerely,
KPRG and Associates, Inc.

Richard R. Gnat, P.G.
Principal

Kaelyn Sperle
Project Geologist

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

FIGURES



ENVIRONMENTAL CONSULTATION & REMEDIATION

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

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

MONITORING WELLS SITE MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

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

KPRG Project No. 11717 | FIGURE 1

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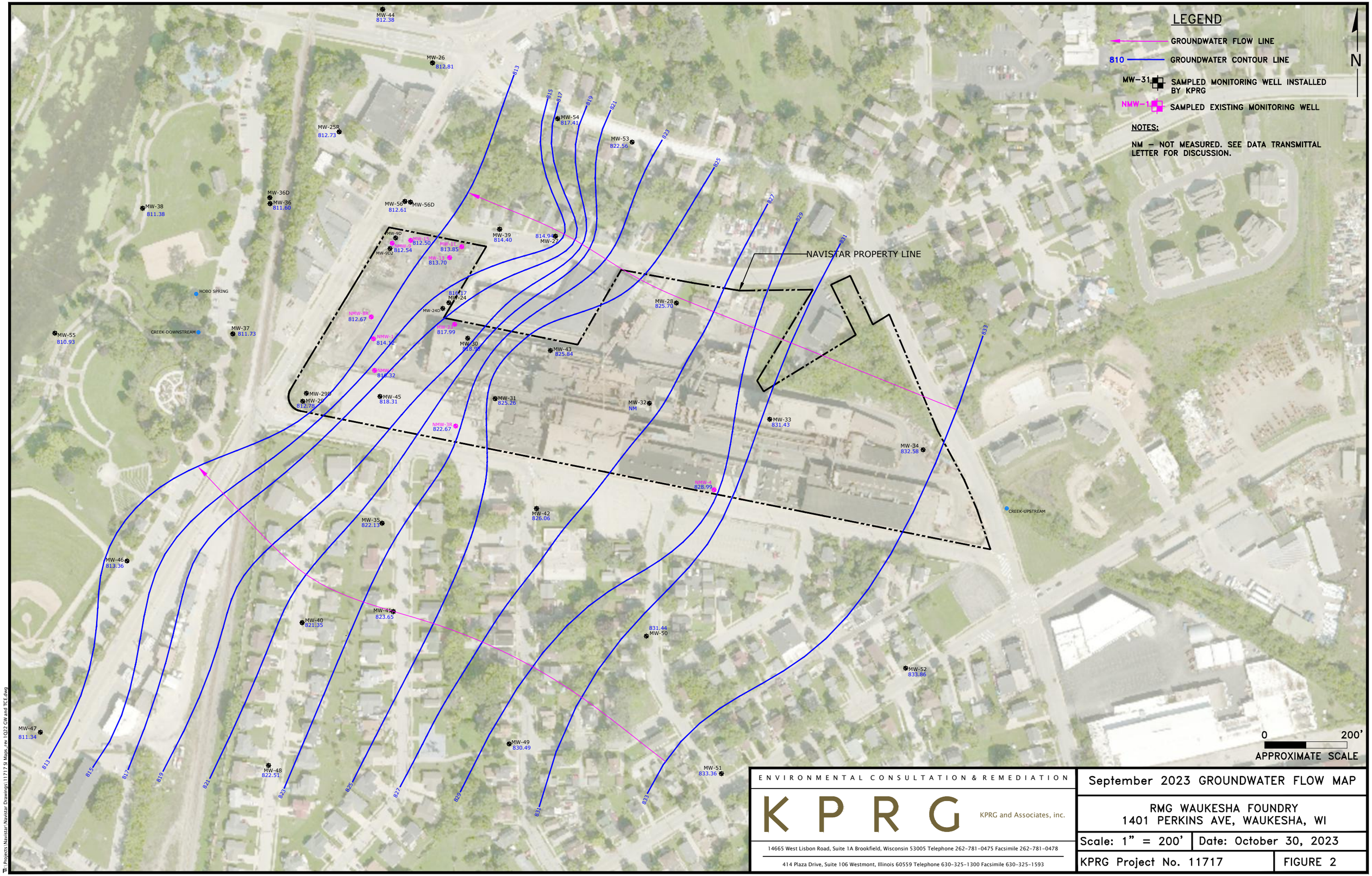

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September 2023 GROUNDWATER FLOW MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1” = 200’ | Date: October 30, 2023

KPRG Project No. 11717 | FIGURE 2

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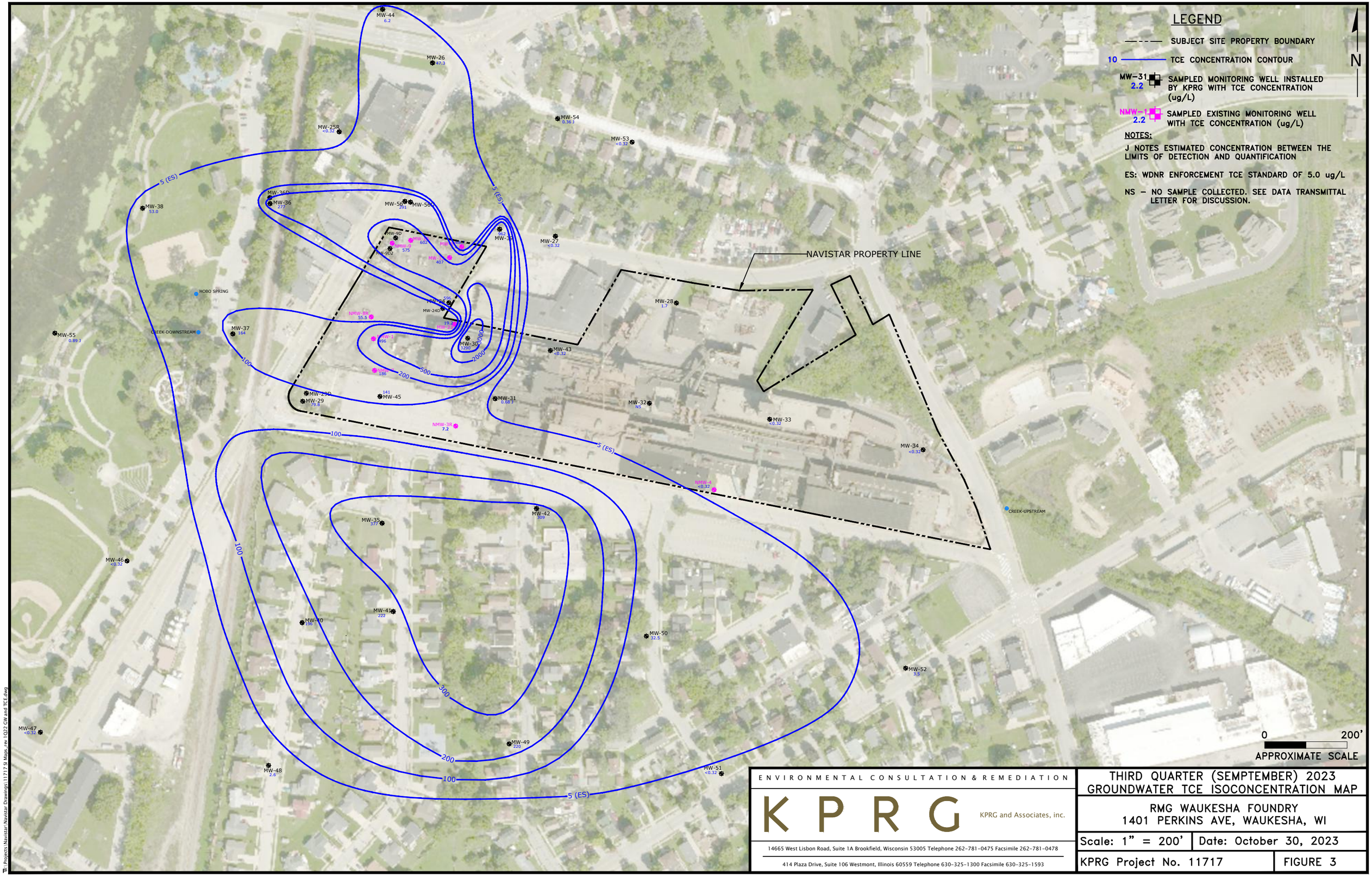

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THIRD QUARTER (SEMPTEMBER) 2023 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1” = 200’ | Date: October 30, 2023

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	3/14/2021		6/7/2021		9/10/2021		12/6/2021		3/21/2022		9/19/2022		12/12/2022		3/13/2023		6/12/2023		9/15/2023	
			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	17.32	813.99	17.65	813.66	17.94	813.37	17.95	813.36	18.74	812.57	16.00	815.31	16.84	814.47	16.23	815.08	17.12	814.19	17.19	814.12
NMW-3R	831.80	831.48	8.80	822.68	8.70	822.78	8.99	822.49	8.80	822.68	8.75	822.73	7.81	823.67	8.48	823.00	7.69	823.79	8.80	822.68	8.81	822.67
NMW-4	NM	841.07	12.23	828.84	12.40	828.67	12.62	828.45	12.55	828.52	12.52	828.55	10.27	830.80	11.89	829.18	10.63	830.44	11.17	829.90	12.08	828.99
NMW-7	831.83	831.55	14.65	816.90	15.05	816.50	15.55	816.00	15.68	815.87	15.19	816.36	14.03	817.52	14.99	816.56	14.10	817.45	15.39	816.16	15.23	816.32
NMW-8R	831.69	831.36	18.37	812.99	18.74	812.62	18.99	812.37	18.92	812.44	18.78	812.58	16.90	814.46	18.37	812.99	17.21	814.15	18.62	812.74	18.69	812.67
NMW-9	832.27	831.89	18.80	813.09	19.18	812.71	19.41	812.48	19.23	812.66	19.30	812.59	17.30	814.59	18.99	812.90	17.61	814.28	19.21	812.68	19.35	812.54
MW-9D	832.27	831.86	18.85	813.01	20.10	811.76	19.55	812.31	19.11	812.75	19.47	812.39	17.53	814.33	17.67	814.19	17.11	814.75	18.18	813.68	20.19	811.67
MW-9D2	832.33	832.01	19.42	812.59	19.85	812.16	20.30	811.71	20.75	811.26	21.51	810.50	17.90	814.11	19.10	812.91	17.48	814.53	18.49	813.52	19.24	812.77
MW-11	832.40	831.61	17.91	813.70	17.48	814.13	17.93	813.68	18.04	813.57	17.65	813.96	15.46	816.15	17.45	814.16	15.43	816.18	17.60	814.01	17.76	813.85
MW-13	832.53	832.20	17.68	814.52	18.15	814.05	18.53	813.67	18.58	813.62	18.23	813.97	16.29	815.91	18.22	813.98	16.25	815.95	18.38	813.82	18.50	813.70
MW-15	832.29	831.81	18.49	813.32	19.10	812.71	19.38	812.43	19.38	812.43	19.20	812.61	17.21	814.60	18.93	812.88	17.56	814.25	19.14	812.67	19.31	812.50
MW-16	831.94	831.66	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	X	Dry	X
MW-23	832.64	832.36	14.05	818.31	13.80	818.56	14.01	818.35	13.91	818.45	13.74	818.62	12.89	819.47	13.95	818.41	12.91	819.45	14.27	818.09	14.37	817.99
MW-24	832.39	831.95	14.55	817.40	14.38	817.57	14.60	817.35	14.63	817.32	14.45	817.50	14.17	817.78	14.67	817.28	14.11	817.84	15.48	816.47	15.78	816.17
MW-24D	832.38	831.96	18.62	813.34	19.22	812.74	19.40	812.56	19.22	812.74	19.26	812.70	16.95	815.01	17.20	814.76	16.81	815.15	17.86	814.10	18.38	813.58
MW-25	832.05	831.69	18.80	812.89	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-25R	832.05	831.53	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	17.94	813.59	17.99	813.54	18.24	813.29	19.02	812.51	18.80	812.73
MW-26	831.76	832.12	19.00	813.12	19.10	813.02	19.30	812.82	19.40	812.72	19.18	812.94	18.06	814.06	19.06	813.06	18.41	813.71	19.14	812.98	19.31	812.81
MW-27	832.67	832.33	16.36	815.97	16.96	815.37	17.47	814.86	17.71	814.62	17.27	815.06	14.68	817.65	16.81	815.52	14.88	817.45	16.25	816.08	17.39	814.94
MW-28	835.76	835.37	9.64	825.73	9.74	825.63	9.90	825.47	9.81	825.56	9.61	825.76	8.33	827.04	9.32	826.05	8.34	827.03	9.61	825.76	9.67	825.70
MW-29	831.61	831.26	17.61	813.65	18.32	812.94	18.60	812.66	18.52	812.74	18.29	812.97	16.41	814.85	18.08	813.18	16.59	814.67	18.39	812.87	18.48	812.78
MW-29D	831.61	831.14	12.60	818.54	13.07	818.07	13.35	817.79	13.21	817.93	15.60	815.54	12.01	819.13	11.42	819.72	10.91	820.23	11.32	819.82	12.12	819.02
MW-30	835.70	835.45	16.50	818.95	16.96	818.49	16.85	818.60	16.99	818.46	15.96	819.49	15.60	819.85	16.61	818.84	15.42	820.03	16.84	818.61	16.47	818.98
MW-31	832.84	832.49	8.22	824.27	7.43	825.06	7.51	824.98	7.90	824.59	6.65	825.84	5.25	827.24	5.85	826.64	4.36	828.13	6.82	825.67	7.23	825.26
MW-32	835.12	834.73	8.92	825.81	9.14	825.59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-33	836.07	835.79	4.05	831.74	4.25	831.54	NM	NM	5.24	830.55	5.12	830.67	3.29	832.50	4.06	831.73	3.07	832.72	3.85	831.94	4.36	831.43
MW-34	840.07	839.70	6.49	833.21	6.76	832.94	7.50	832.20	7.71	831.99	7.72	831.98	5.82	833.88	6.61	833.09	5.54	834.16	6.25	833.45	7.12	832.58
MW-35	832.09	831.83	9.15	822.68	9.56	822.27	9.70	822.13	9.61	822.22	9.32	822.51	9.10	822.73	9.27	822.56	8.97	822.86	9.57	822.26	9.64	822.19
MW-36	816.91	816.46	4.29	812.17	5.15	811.31	4.99	811.47	4.75	811.71	6.70	809.76	3.18	813.28	4.09	812.37	3.38	813.08	4.71	811.75	4.86	811.60
MW-36D	817.05	816.87	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	1.84	815.03	2.90	813.97	3.71	813.16	2.78	814.09	3.45	813.42
MW-37	820.29	819.92	7.64	812.28	8.02	811.90	8.20	811.72	7.96	811.96	8.01	811.91	6.49	813.43	7.79	812.13	6.27	813.65	8.18	811.74	8.19	811.73
MW-38	813.68	814.08	2.18	811.90	2.54	811.54	2.75	811.33	2.51	811.57	2.36	811.72	1.72	812.36	2.22	811.86	1.60	812.48	1.60	812.48	2.70	811.38
MW-39	832.18	832.59	16.87	815.72	17.55	815.04	18.11	814.48	18.47	814.12	17.86	814.73	15.78	816.81	17.69	814.90	15.84	816.75	17.84	814.75	18.19	814.40
MW-40	831.49	831.87	9.73	822.14	10.28	821.59	10.59	821.28	10.41	821.46	9.92	821.95	9.52	822.35	9.96	821.91	9.57	822.30	10.48	821.39	10.52	821.35
MW-41	833.21	833.53	9.42	824.11	9.76	823.77	9.98	823.55	9.82	823.71	9.58	823.95	9.32	824.21	9.46	824.07	9.16	824.37	9.79	823.74	9.88	823.65
MW-42	831.87	832.13	5.94	826.19	5.80	826.33	6.38	825.75	6.25	825.88	5.98	826.15	5.56	826.57	5.69	826.44	5.28	826.85	5.96	826.17	6.07	826.06
MW-43	833.89	834.18	8.59	825.59	8.56	825.62	8.68	825.50	8.71	825.47	8.40	825.78	6.41	827.77	8.12	826.06	NM	NM	NM	NM	8.34	825.84
MW-44	827.66	827.44	14.74	812.70	14.82	812.62	15.05	812.39	15.13	812.31	14.88	812.56	13.99	813.45	14.82	812.62	14.28	813.16	14.89	812.55	15.06	812.38
MW-45	831.89	831.50	12.84	818.66	12.85	818.65	12.99	818.51	13.33	818.17	13.20	818.30	12.52	818.98	12.96	818.54	12.32	819.18	13.17	818.33	13.19	818.31
MW-46	824.12	823.57	8.89	814.68	9.83	813.74	10.18	813.39	11.18	812.39	9.75	813.82	7.69	815.88	9.61	813.96	7.97	815.60	10.04	813.53	10.21	813.36
MW-47	822.76	822.34	10.03	812.31	10.75	811.59	11.05	811.29	10.95	811.39	10.12	812.22	9.53	812.81	10.12	812.22	9.77	812.57	10.88	811.46	11.00	811.34
MW-48	833.65	833.43	9.72	823.71	10.70	822.73	11.09	822.34	10.96	822.47	10.15	823.28	9.43	824.00	10.27	823.16	9.45	823.98	10.84	822.59	10.92	822.51
MW-49	836.97	836.85	6.17	830.68	6.46	830.39	6.75	830.10	6.78	830.07	6.66	830.19	5.60	831.25	5.95	830.90	5.65	831.20	5.96	830.89	6.36	830.49
MW-50	846.64	846.53	15.07	831.46	15.30	831.23	15.73	830.80	15.99	830.54	16.04	830.49	13.61	832.92	14.52	832.01	13.47	833.06	13.99	832.54	15.09	831.44
MW-51	853.87	853.67	20.81	832.86	20.76	832.91	21.09	832.58	21.38	832.29	21.54	832.13	19.46	834.21	15.48	838.19	19.22	834.45	19.23	834.44	20.31	833.36
MW-52	850.57	850.16	16.39	833.77	16.30	833.86	16.59	833.57	16.98	833.18	17.06	833.10	16.71	833.45	20.00	830.16	15.03	835.13	15.28	834.88	16.30	833.86
MW-53	834.67	834.56	11.05	823.51	13.95	820.61	11.86	822.70	12.00	822.56	11.71	822.85	10.40	824.16	11.25	823.31	10.36	824.20	11.59	822.97	12.00	822.56
MW-54	833.76	833.46	15.41	818.05	15.60	817.86	15.90	817.56	16.31	817.15	15.97	817.49	15.00	818.46	15.61	817.85	14.82	818.64	15.67	817.79	16.05	817.41
MW-55	812.55	812.34	0.85	811.49	0.50	811.84	1.20	811.14	1.96	810.38	0.85	811.49	0.25	812.09	0.50	811.84	0.03	812.31	0.03	812.31	1.41	810.93
MW-56	832.33	831.79	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	17.11	814.68	18.81	812.98	17.44	814.35	19.02	812.77	19.18	812.61
MW-56D	832.45	832.01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	17.06	814.95	18.04	813.97	17.00	815.01	18.25	813.76	18.56	813.45

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
X - Well Abandoned or Destroyed

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

Well No.	WDNR NR 140 Standards		NMW-1													
Parameter Date	PAL	ES	4/15/2020	6/23/2020	9/20/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/21/2023
1,1,1-Trichloroethane	40	200	38.2	27.5	48.5	46.3	32.6	81.3	65.5	40.5	47	75.5	72.6	90.6	87.1	85.3
1,1,2-Trichloroethane	0.5	5	<1.4	<1.4	<1.4	<1.4	<1.4	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<1.4	<1.4	<1.4
1,1-Dichloroethane	85	850	4.1	8.0	14.4	16.5	12.5	24.2	21.2	13.9	13.5	20.6	24.1	26.4	28.8	25.6
1,1-Dichloroethene	0.7	7	<0.70	2.9	4.6	5.5	3.0	7.0	6.8	3.7	4.5	<1.5	3.5	3.3 J	**9.1**	**9.3**
1,2-Dichloroethane	0.5	5	<0.70	<0.70	<0.70	<0.70	<0.70 L1	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<1.2	<1.2	<1.2
cis-1,2-Dichloroethene	7	70	3.0	2.4 J	3.2	3.4	2.5	4.6	4.2	3.4	2.9	4.8	4.8	3.7 J	5.2	4.1
trans-1,2-Dichloroethene	20	100	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.1	<2.1	<2.1
Tetrachloroethene	0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.6	<1.6	<1.6
Trichloroethene	0.5	5	**238**	**157**	**281**	**307**	**213**	**374**	**362**	**260**	**230**	**402**	**436**	**470**	**555**	**496**
Vinyl chloride	0.02	0.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.70	<0.70	<0.70

Well No.	WDNR NR 140 Standards		NMW-3R													
Parameter Date	PAL	ES	3/23/2020	6/25/2020	9/23/2020	12/17/2020	3/17/2021	6/8/2021	9/14/2021	12/17/2021	3/28/2022	9/21/2022	12/19/2022	3/17/2023	6/16/2023	9/20/2023
1,1,1-Trichloroethane	40	200	1.4	3.7	6.9	7.0	3.9	1.4	1.7	2.2	0.68 J	0.47 J	<0.30	<0.30	0.34 J	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.7	2.8	3.8	3.4	3.2	2.1	2.4	2.3	1.1	1.7	1.3	0.91 J	1.6	1.3
1,1-Dichloroethene	0.7	7	0.39 J	1.1	1.3	1.4	0.60 J	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	6.1	8.4	10.7	11.3	9.5	6.0	7.4	5.0	3.3	3.5	2.8	<0.41	5.3	5.9
trans-1,2-Dichloroethene	20	100	<1.1	0.47 J	0.53 J	0.52 J	0.53 J	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	2.0	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.53	<0.41	<0.41
Trichloroethene	0.5	5	**15.5**	**36.3**	**58.0**	**69.3**	**34.1**	**15.9**	**19.0**	**23.2**	**7.4**	**7.3**	4.0	3.2	**7.2**	**7.1**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		NMW-4													
Parameter Date	PAL	ES	3/18/2020	6/25/2020	9/21/2020	12/16/2020	3/17/2021	6/8/2021	9/14/2021	12/9/2021	3/24/2022	9/20/2022	12/15/2022	3/16/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	0.27 J	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		NMW-7													
Parameter Date	PAL	ES	4/15/2020	6/23/2020	9/22/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	12.3	7.8	15.9	16.6	2.4	10.3	17.3	11.2	11.1	11.7	10.4	12.9	19.1	23.4
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	3.9	2.5	4.6	6.3	1.1	3.6	5.4	4.8	2.9	3.5	3.0	3.8	6.0	7.0
1,1-Dichloroethene	0.7	7	1.7	1.4	2.1	2.1	0.33 J	1.3	2.1	1.2	1.6	1.4	1.9	1.4	2.7	2.8
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	1.5	1.1	1.7	2.1	0.65 J	1.6	1.9	1.4	0.94 J	1.2	1.2	1.2	1.6	1.8
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**88**	**57.4**	**112**	**139**	**31.9**	**68.4**	**121**	**94.9**	**82.7**	**76.5**	**118**	**84.1**	**145**	**186**
Vinyl chloride	0.02	0.2	**0.24 J**	<0.17	<0.17	**0.56 J**	**0.30 J**	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	**0.93 J**

Well No.	WDNR NR 140 Standards		NMW-8R													
Parameter Date	PAL	ES	4/14/2020	6/23/2020	9/22/2020	12/16/2020	3/19/2021	6/14/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	31.9	28.4	24	22.9	21.7	20.5	20.5	20.5	30.3	30.8	31.9	60.1	26.6	28.4
1,1,2-Trichloroethane	0.5	5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69	<0.34	<0.34	<1.4	<0.34
1,1-Dichloroethane	85	850	<1.1	9.3	7.8	8.8	9.8	7.6	6.9	8.1	10.6	8.5	5.9	15.9	11.6	6.4
1,1-Dichloroethene	0.7	7	**10.2**	4.0	2.1	2.7	2.4	1.4 J	1.9 J	1.7 J	3.0	<1.2	<0.58	1.0	<2.3	<0.58
1,2-Dichloroethane	0.5	5	<0.56	<0.56	<0.56	<0.56	<0.56 L1	<0.58	<0.58	<0.58	<0.58	<0.58	<0.29	<0.29	<1.2	<0.29
cis-1,2-Dichloroethene	7	70	2.7	2.9	2.2	2.5	2.6	2.0	2.4	2.6	3.1	9.1	0.76 J	12.3	3.7 J	0.61 J
trans-1,2-Dichloroethene	20	100	<0.93	<0.93	<0.93	<0.93	<0.93	<1.1	<1.1	<1.1	<1.1	<1.1	<0.53	1.2	<2.1	<0.53
Tetrachloroethene	0.5	5	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82	<0.41	<0.41	<1.6	<0.41
Trichloroethene	0.5	5	**209**	**190**	**171**	**192**	**150**	**135**	**144**	**140**	**154**	**160**	**57.3**	**279**	**191**	**55.5**
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.17	<0.17	<0.70	<0.70

Well No.	WDNR NR 140 Standards		NMW-9													
Parameter Date	PAL	ES	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/19/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	22.8	31.0	10.6	14.9	10.7	31.9	25.3	10.4	30.8	34.5	28.4	25.5
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<1.1	<0.55	<1.4	<0.34	<1.7	<1.7	<0.34	<1.7	<1.7	<1.7	<1.7	<1.7
1,1-Dichloroethane	85	850	<0.27	<0.27	10.9	18.1	8.3	9.2	7.5	16.2	7.6	4.3 J	19.7	20.7	22.9	15.6
1,1-Dichloroethene	0.7	7	<0.24	0.32 J	1.2 J	4.5	3.2 J	3.5	<2.9	4.3 J	<0.58	<2.9	4.2 J	<2.9	<2.9	<2.9
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.56	<0.28 L1	<1.2	<0.29	<1.5	<1.5	<0.29	<1.5	<1.5	<1.5	<1.5	<1.5
cis-1,2-Dichloroethene	7	70	1.0 J	1.9	14.6	23.3	15.5	24.4	28.8	27.8	8.1	6.0	18.8	15.6	17.6	13.8
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	1.8 J	1.7	<2.1	1.1	<2.6	<2.6	<0.53	<2.6	<2.6	<2.6	2.7 J	<2.6
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.65	<0.33	<1.6	<0.41	<2.0	<2.0	<0.41	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	0.5	5	**5.7**	**16.8**	**598**	**538**	**369**	**520**	**347**	**623**	**234**	**240**	**751**	**692**	**696**	**575**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.35	<0.17	<0.70	<0.17	<0.87	<0.87	<0.17	<0.87	<0.87	<0.87	<0.87	<0.87

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

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

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

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

Well No.	WDNR NR 140 Standards		MW-9D													
Parameter / Date	PAL	ES	3/19/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	18.5	21.1	37.5	<0.24	<0.24	<0.30	<0.30	<0.30	9.9	13.3	0.89 J	0.35 J	1.4	1.7
1,1,2-Trichloroethane	0.5	5	<1.1	<2.2	<1.1	<0.55	<0.55	<0.34	<0.34	<0.34	<1.4	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	11.6	10.4	17.5	0.28 J	<0.27	0.36 J	0.46 J	3.2	9.5	10.5	1.9	1.0	2.1	2.2
1,1-Dichloroethene	0.7	7	4.5	<0.98	<0.49	0.33 J	<0.24	<0.58	<0.58	3.2	3.5 J	4.9	0.92 J	<0.58	1.0	1.0
1,2-Dichloroethane	0.5	5	<0.56	<1.1	<0.56	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<1.2	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	35.9	9.4	21.8	2.5	1.1	3.4	3.4	21.4	38.5	41.1	9.2	5.9	9.1	8.9
trans-1,2-Dichloroethene	20	100	<2.2	<1.9	3.0 J	<0.46	<0.46	<0.53	<0.53	1.6	3.4 J	2.6	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.65	<1.3	<0.65	<0.33	<0.33	<0.41	<0.41	<0.41	<1.6	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**388**	**325**	**821**	**28.4**	**11.3**	**21.4**	**28.6**	**69.7**	**256**	**295**	**48.8**	**33.2**	**63**	**72.0**
Vinyl chloride	0.02	0.2	<0.35	<0.70	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.70	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-9D2													
Parameter / Date	PAL	ES	3/19/2020	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	9/19/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	12.3	18.6	17.1	7.3	5.4
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	0.96 J	1.3	1.2	1.1	**31.1**	**21.7**	**18.2**	**19.9**	**8.6**
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

Well No.	WDNR NR 140 Standards		MW-11													
Parameter / Date	PAL	ES	6/23/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	4.8	4.0	4.2	7.2	31	11.7	12.0	18.2	7.8	7.3	5.2	7.0	9.4	2.3
1,1,2-Trichloroethane	0.5	5	<1.4	<0.55	<0.55	<0.55	<0.34	<0.34	<1.4	<1.4	<0.69	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	2.2 J	2.5	2.5	4.8	12.6	6.5	9.5	10.7	6.8	5.7	5.3	5.5	9.1	2.0
1,1-Dichloroethene	0.7	7	0.76 J	0.96 J	1.0	2.2	5.8	3.1	3.7 J	<2.3	<1.2	2.3	0.93 J	1.8	3.3	<0.58
1,2-Dichloroethane	0.5	5	<0.70	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<1.2	<1.2	<0.58	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	9.0	10.9	7.7	9.7	36.2	34.4	45.7	49.9	7.9	11.6	13.2	8.3	16.9	7.4
trans-1,2-Dichloroethene	20	100	<1.2	0.56 J	<0.46	<0.46	1.2	0.86 J	<2.1	4.3	<1.1	0.56 J	0.98 J	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.82	<0.33	<0.33	<0.33	<0.41	<0.41	<1.6	<1.6	<0.82	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**132**	**137**	**161**	**229**	**702**	**286**	**416**	**449**	**191**	**258**	**193**	**196**	**271**	**68.7**
Vinyl chloride	0.02	0.2	<0.44	<0.17	<0.17	<0.17	<0.17	<0.17	<0.70	<0.70	<0.35	<0.17	**0.23 J**	<0.17	**0.23 J**	<0.17

Well No.	WDNR NR 140 Standards		MW-13													
Parameter / Date	PAL	ES	6/26/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	17.2	32.8	38.4	82.9	49.7	51.4	52.2	63.6	23.5	12.6	17.9	6.9	23.7	11.4
1,1,2-Trichloroethane	0.5	5	<5.5	<2.2	<5.5	<13.8	<8.6	<6.9	<6.9	<3.4	<3.4	<1.7	<1.7	<1.7	<0.86	<1.7
1,1-Dichloroethane	85	850	35	34	37.6	99.1	54.1	53.3	57.5	71.6	30	13.9	23.2	6.7	29.1	11.9
1,1-Dichloroethene	0.7	7	5.7 J	**15.2**	**15.6**	**11.5 J**	**24.7 J**	**23.1**	**27.4**	**20.2**	**11.4**	<2.9	<2.9	<2.9	**9.2**	<2.9
1,2-Dichloroethane	0.5	5	<2.8	<1.1	<2.8	<7.0 L1	<7.3	<5.8	<5.8	<2.9	<2.9	<1.5	<1.5	<1.5	<0.73	<1.5
cis-1,2-Dichloroethene	7	70	**78.5**	49.5	39.1	**137**	69.2	**83.8**	**114**	**97.1**	56.8	26.0	38.1	13.5	64.5	21.8
trans-1,2-Dichloroethene	20	100	5.2 J	3.5 J	<4.6	15.0 J	<13.2	<10.6	<10.6	6.5J	<5.3	<2.6	4.7 J	<2.6	4.4	<2.6
Tetrachloroethene	0.5	5	<3.3	<1.3	<3.3	<8.2	<10.2	<8.2	<8.2	<4.1	<4.1	<2.0	<2.0	<2.0	<1.0	<2.0
Trichloroethene	0.5	5	**1,090**	**1,740**	**2,190**	**4,220**	**3,030**	**2,290**	**2,360**	**2,190**	**1,100**	**602**	**939**	**300**	**1070**	**407**
Vinyl chloride	0.02	0.2	<1.7	<0.70	<1.7	<4.4	<4.4	<3.5	<3.5	<1.7	<1.7	<0.87	<0.87	<0.87	**1.2 J**	<0.87

Well No.	WDNR NR 140 Standards		MW-15													
Parameter / Date	PAL	ES	6/23/2020	9/22/2020	12/15/2020	3/19/2021	6/15/2021	9/13/2021	12/9/2021	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	90.3	50.5	66.6	57.8	13.4	15.6	17.2	32	29.6	47.3	54.7	60.1	62.1	30.0
1,1,2-Trichloroethane	0.5	5	<2.8	<11.0	<11.0	<11.0	<1.4	<0.86	<0.86	<0.86	<1.7	<1.7	<3.4	<3.4	<3.4	<3.4
1,1-Dichloroethane	85	850	41.4	25.6	34.8	34.3	10.5	10.4	12.6	16	<1.5	22.9	38.3	38.2	41.9	18.4
1,1-Dichloroethene	0.7	7	**12.8**	**7.6 J**	**14.9 J**	6.4 J	4.2	3.6	4.3	5.4	<2.9	6.7	**13.0**	**13.4**	**17.2**	**9.0 J**
1,2-Dichloroethane	0.5	5	<1.4	<5.6	<5.6	<5.6 L1	<1.2	<0.73	<0.73	<0.73	<1.5	<1.5	<2.9	<2.9	<2.9	<2.9
cis-1,2-Dichloroethene	7	70	49.3	31.7	42.6	35.1	21.6	29.5	34.5	31.7	5.6	22.4	30.2	27.1	27.2	14.1
trans-1,2-Dichloroethene	20	100	5.0 J	<9.3	<9.3	<9.3	<2.1	<1.3	1.4 J	1.6J	13.3	<2.6	<5.3	<5.3	<5.3	<5.3
Tetrachloroethene	0.5	5	<1.6	<6.5	<6.5	<6.5	<1.6	<1.0	<1.0	<1.0	<2.0	<2.0	<4.1	<4.1	<4.1	<4.1
Trichloroethene	0.5	5	**1,570**	**1,080**	**1,870**	**1,340**	**414**	**436**	**505**	**709**	**219**	**1,110**	**1,380**	**1,270**	**1380**	**602**
Vinyl chloride	0.02	0.2	**1.7 J**	<3.5	<3.5	<3.5	<0.70	<0.44	<0.44	<0.44	<0.87	<0.87	<1.7	<1.7	<1.7	<1.7

Well No.	WDNR NR 140 Standards		MW-23													
Parameter / Date	PAL	ES	4/14/2020	6/23/2020	9/23/2020	12/16/2020	3/19/2021	6/14/2021	9/13/2021	12/8/2021	3/23/2022	9/20/2022	12/13/2022	3/20/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	3.0	2.6	3.0	5.3	5.8	25.2	1.6	16.1	209	0.45J	0.35 J	<0.30	<0.30	0.51 J
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.69	<13.8	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.8	1.2	1.4	2.8	2.9	7.1	0.72 J	6.6	74.1	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	0.75 J	0.64 J	0.93 J	1.3	1.3	4.5	<0.58	3.7	<23.3	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.58	<11.7	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	10.1	6.1	8.2	14.5	15.0	14.1	5.7	14.0	31.0 J	1.8	3.0	1.6	2.4	5.2
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	0.57 J	0.94 J	0.69 J	0.85 J	<0.53	<1.1	<21.1	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.82	<16.3	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**60.7**	**44.6**	**55.7**	**97.4**	**95.0**	**293**	**36.5**	**318**	**3,220**	**10.6**	**10.8**	3.2	**5.5**	**19.2**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<7.0	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.

PAL - Preventative Action Limit

ES - Enforcement Standard

Underlined - Result exceeds PAL

Bold - Result exceeds ES

(R) - Resample Event

1q - Reported value is most likely a result of carryover from previous sample.

B - Analyte detected in Method or Trip Blank

J - Estimated concentration between the Limits of Detection and Quantification

L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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

Well No.	WDNR NR 140 Standards		MW-24													
Parameter / Date	PAL	ES	3/14/2020	6/24/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	9/20/2022	12/13/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	166	9.1	2.4	2.5	13.9	**256**	29.3	169	167	12.1	12.6	<0.30	6.8	38.3
1,1,2-Trichloroethane	0.5	5	<13.8	<1.4	<0.55	<0.55	<0.55	<3.4	<0.86	<8.6	<8.6	<0.34	<0.34	<0.34	<0.34	<0.86
1,1-Dichloroethane	85	850	72.7	3.2	0.75 J	1.3	10.8	80.1	14.6	68.6	68	5.6	3.8	<0.30	4.8	27.4
1,1-Dichloroethene	0.7	7	**34.4**	1.8 J	0.35 J	0.70 J	6.5	**34.3**	**8.1**	**36.0**	<14.6	<0.58	<0.58	<0.58	<0.58	<1.5
1,2-Dichloroethane	0.5	5	<7.0	<0.70	<0.28	<0.28	<0.28 L1	<2.9	<0.73	<7.3	<7.3	1.3	0.97 J	<0.29	<0.29	<0.73
cis-1,2-Dichloroethene	7	70	45.2	6.0	4.1	4.2	28.0	59.2	22.3	61.6	41.4	25.7	1.3	1.2	11.2	27.8
trans-1,2-Dichloroethene	20	100	<11.6	<1.2	<0.46	<0.46	0.91 J	5.9 J	<1.3	<13.2	<13.2	4.4	<0.53	<0.53	1.1	3.0
Tetrachloroethene	0.5	5	<8.2	<0.82	<0.33	<0.33	<0.33	<4.1	<1.0	<10.2	<10.2	<0.41	<0.41	<0.41	<0.41	<1.0
Trichloroethene	0.5	5	**3,490**	**175**	**56.2**	**73.2**	**290**	**4,070**	**597**	**3,020**	**2,830**	**65.1**	**4.5**	**15.1**	**96.6**	**596**
Vinyl chloride	0.02	0.2	<4.4	<0.44	<0.17	<0.17	0.19 J	<1.7	<0.44	<4.4	<4.4	<0.17	<0.17	<0.17	<0.17	<0.44

Well No.	WDNR NR 140 Standards		MW-24D													
Parameter / Date	PAL	ES	4/14/2020	6/24/2020	9/22/2020	12/15/2020	3/18/2021	6/15/2021	9/13/2021	12/8/2021	3/22/2022	9/20/2022	12/13/2022	3/17/2023	6/16/2023	9/21/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	0.57 J	0.59 J	<0.24	<0.30	<0.30	<0.30	0.40J	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	1.7	4.2	<0.27	0.55 J	0.82 J	0.68 J	1.2	2.1	2.5	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	0.95 J	1.7	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	0.80 J	8.6	25	2.4	7.2	6.6	5.0	5.4	15.6	14.2	<0.47	1.1	0.60 J
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	0.53 J	1.6	<0.46	<0.53	<0.53	<0.53	<0.53	0.71 J	0.55 J	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	1.0	2.8	**8.4**	**20.5**	0.72 J	1.6	2.0	2.1	3.4	2.7	3.6	0.34 J	0.48 J	0.59 J
Vinyl chloride	0.02	0.2	<0.17	<0.17	**0.34 J**	**0.66 J**	<0.17	0.18 J	<0.17	<0.17	0.23 J	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-25 / MW-25R													
Parameter / Date	PAL	ES	12/11/2019	4/15/2020	6/26/2020	9/24/2020	12/18/2020	3/22/2021	6/8/2021	3/22/2022	7/21/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55			<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27			<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24			<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28			<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27			<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.46			<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33			<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	0.40 J	<0.26	<0.26	<0.26	<0.26			<0.32	<0.32	<0.32	<0.32	<0.32	0.62 J
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

Well No.	WDNR NR 140 Standards		MW-26													
Parameter / Date	PAL	ES	3/24/2020	6/30/2020	9/24/2020	12/15/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/25/2022	9/22/2022	12/19/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	2.1	0.76 J	0.48 J	<0.24	<0.24	<0.30	0.69 J	0.54 J	1.5	1.3	1.9	1.9	1.6	1.2
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.5	0.74 J	0.69 J	<0.27	<0.27	0.80 J	0.75 J	0.42 J	1.9	1.6	2.2	2.4	1.9	1.5
1,1-Dichloroethene	0.7	7	0.28 J	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	6.3	3.5	6.1	<0.27	1.2	2.1	2.2	0.92 J	6.3	5.7	4.1	5.5	3.8	5.1
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	0.70 J	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**51.5**	**27.2**	**15.5**	**8.1**	**7.6**	**7.7**	**20.2**	**18.5**	**36.1**	**48.7**	**77.3**	**71.0**	**69.7**	**47.3**
Vinyl chloride	0.02	0.2	<0.17	<0.17	**0.44 J**	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	**0.30 J**	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-27													
Parameter / Date	PAL	ES	6/26/2020	9/25/2020	12/18/2020	1/18/2021(R)	3/17/2021	6/14/2021	9/15/2021	12/13/2021	3/28/2022	9/22/2022	12/14/2022	3/20/2023	6/14/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	0.60 J	0.76 J	0.70 J	<0.27	0.44 J	0.92 J	0.73 J	<0.30	<0.30	0.98 J	<0.30	3.7	0.84 J
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	8.3	<0.47
trans-1,2-Dichloroethene	20	100	NA	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	**16.2**	<0.17

Well No.	WDNR NR 140 Standards		MW-28													
Parameter / Date	PAL	ES	3/23/2020	6/26/2020	9/25/2020	12/16/2020	3/18/2021	6/9/2021	9/13/2021	12/8/2021	3/23/2022	9/21/2022	12/15/2022	3/20/2023	6/19/2023	9/21/2023
1,1,1-Trichloroethane	40	200	NA	NA	NA	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	NA	NA	NA	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	NA	NA	NA	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	NA	NA	NA	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	NA	NA	NA	<0.27	<0.27	<0.47	1.4	<0.47	<0.47	<0.47	1.9	0.85 J	<0.47	2.0
trans-1,2-Dichloroethene	20	100	NA	NA	NA	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	NA	NA	NA	<0.33	<0.33	<0.41	0.44 J	<0.41	<0.41	<0.41	0.72 J	<0.41	0.54 J	0.63 J
Trichloroethene	0.5	5	NA	NA	NA	0.28 J	<0.26	<0.32	0.77 J	0.48 J	<0.32	0.33 J	1.5	0.54 J	1.0	1.7
Vinyl chloride	0.02	0.2	NA	NA	NA	<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

Underlined - Result exceeds PAL

Bold - Result exceeds ES

(R) - Resample Event

1q - Reported value is most likely a result of carryover from previous sample.

B - Analyte detected in Method or Trip Blank

J - Estimated concentration between the Limits of Detection and Quantification

L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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

Well No.	WDNR NR 140 Standards		MW-29													
Parameter / Date	PAL	ES	3/23/2020	6/25/2020	9/24/2020	12/17/2020	3/17/2021	6/9/2021	9/14/2021	12/13/2021	3/24/2022	9/21/2022	12/14/2022	3/17/2023	6/15/2023	9/20/2023
1,1,1-Trichloroethane	40	200	25.7	<0.24	21	21.8	26.7	30.3	34.4	31.0	35.7	20.7	19.4	10.8	13.5	9.2
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	9.2	<0.27	7.3	10.3	13.4	15	15.1	12.8	13.8	5.6	6.5	3.9	5.1	2.9
1,1-Dichloroethene	0.7	7	3.3	<0.24	1.8	2.5	3.5	3.8	3.3	3.7	4.0	1.7	2.2	0.97 J	1.2	0.58 J
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	9.1	<0.27	6.9	7.7	8.5	8.5	9.7	9.0	7.9	4.7	5.8	3.5	5.0	3.3
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**160**	<0.26	**139**	**173**	**174**	**205**	**229**	**221**	**191**	**146**	**156**	**76.4**	**119**	**79.8**
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

Well No.	WDNR NR 140 Standards		MW-29D													
Parameter / Date	PAL	ES	3/23/2020	6/25/2020	9/24/2020	12/17/2020	3/17/2021	6/9/2021	9/14/2021	12/13/2021	3/24/2022	9/21/2022	12/14/2022	3/17/2023	6/15/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	22.8	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	7.6	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	2.9	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	6.9	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	**157**	<0.26	<0.26	<0.26	0.78 J	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-30													
Parameter / Date	PAL	ES	4/15/2020	6/24/2020	9/23/2020	12/16/2020	3/19/2021	6/30/2021	9/14/2021	12/9/2021	3/23/2022	9/20/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	**291**	33.1	27.6	80.8	115	192	**211**	119	**204**	46.3	107	112	185	186
1,1,2-Trichloroethane	0.5	5	<27.6	<5.5	<5.5	<5.5	<5.5	<3.4	<3.4	<13.8	<13.8	<3.4	<3.4	<6.9	<6.9	<6.9
1,1-Dichloroethane	85	850	99.8	12.1	11.1	33.6	48.4	60.0	70.3	49.7	73.5	26.1	63.2	63.2	125	129
1,1-Dichloroethene	0.7	7	**71.8**	<2.4	<2.4	<2.4	**23.4**	**37.8**	**28.3**	<23.3	**30.7 J**	**16.3**	**32.6**	**21.1**	**32.3**	**30.4**
1,2-Dichloroethane	0.5	5	<14.0	<2.8	<2.8	<2.8	<2.8	<2.9	<2.9	<11.7	<11.7	<2.9	<2.9	<5.8	<5.8	<5.8
cis-1,2-Dichloroethene	7	70	42.6 J	22.5	29.9	16.7	17.5	26.0	32.8	24.0 J	29.5 J	37.4	31.0	25	35.2	34.4
trans-1,2-Dichloroethene	20	100	<23.2	<4.6	5.5 J	<4.6	<4.6	<5.3	<5.3	<21.1	<21.1	<5.3	<5.3	<10.6	<10.6	<10.6
Tetrachloroethene	0.5	5	<16.3	<3.3	<3.3	<3.3	<3.3	<4.1	<4.1	<16.3	<16.3	<4.1	<4.1	<8.2	<8.2	<8.2
Trichloroethene	0.5	5	**4,280**	**465**	**490**	**1,340**	**1,620**	**2,270**	**2,750**	**2,090**	**3,280**	**1,420**	**2,240**	**2,010**	**3620**	**3290**
Vinyl chloride	0.02	0.2	<8.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<7.0	<7.0	<1.7	<1.7	<3.5	<3.5	<3.5

Well No.	WDNR NR 140 Standards		MW-31													
Parameter / Date	PAL	ES	4/15/2020	6/23/2020	9/23/2020	12/16/2020	3/19/2021	6/8/2021	9/14/2021	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	This well was not accessible and therefore a sample was not collected.	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27		<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24		<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28		<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	0.38 J	0.67 J	0.62 J	0.58 J		<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46		<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33		<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	1.0	0.83 J	1.1	0.69 J	0.68 J		1.3	1.4	0.81 J	0.87 J	0.36 J	<0.32	0.34 J	0.68 J
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-32													
Parameter / Date	PAL	ES	4/15/2020	6/24/2020	9/23/2020	12/17/2020	3/19/2021	6/15/2021	9/14/2021	12/7/2021	3/9/2022	9/19/2022	12/13/2022	3/16/2023	6/14/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34								
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30								
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58								
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29								
cis-1,2-Dichloroethene	7	70	4.2	4.8	6.2	5.0	4.4	5.3								
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53								
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41								
Trichloroethene	0.5	5	0.32 J	<0.26	<0.26	<0.26	<0.26	<0.32								
Vinyl chloride	0.02	0.2	<0.17	0.20 J	**0.35 J**	**0.37 J**	**0.26 J**	**0.24 J**								

Well No.	WDNR NR 140 Standards		MW-33													
Parameter / Date	PAL	ES	4/15/2020	6/24/2020	9/23/2020	12/16/2020	3/19/2021	6/15/2021	9/14/2021	12/8/2021	3/29/2022	9/21/2022	12/19/2022	3/16/2023	6/19/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	This well was not accessible and therefore a sample was not collected.	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30		<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58		<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29		<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	2.6	4.4	5.4	3.6	3.7	2.8		2.3	2.3	2.6	1.8	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	1.3 J	3.1	6.7	3.6	4.5	<0.53		<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41		<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**7.4**	**6.2**	0.33 J	2.9	1.5	**8.5**		**15.5**	**7.7**	**11.3**	**7.7**	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	**0.21 J**	**0.58 J**	**0.24 J**	<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

Underlined - Result exceeds PAL

Bold - Result exceeds ES

(R) - Resample Event

1q - Reported value is most likely a result of carryover from previous sample.

B - Analyte detected in Method or Trip Blank

J - Estimated concentration between the Limits of Detection and Quantification

L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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

Well No.	WDNR NR 140 Standards		MW-34													
Parameter / Date	PAL	ES	4/14/2020	6/24/2020	9/23/2020	12/16/2020	3/18/2021	6/9/2021	9/13/2021	12/8/2021	3/24/2022	9/21/2022	12/15/2022	3/20/2023	6/19/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-35													
Parameter / Date	PAL	ES	3/18/2020	6/25/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/24/2022	9/23/2022	12/16/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	31.8	59.6	48.4	35.3	31.9	36.3	44.5	58.8	44.2	43.5	19.1	43.1	42.6	56.7
1,1,2-Trichloroethane	0.5	5	<1.4	<1.4	<1.4	<1.4	<1.4	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
1,1-Dichloroethane	85	850	13.4	19.9	16.9	16.8	13.3	20.6	20.2	23.4	17	17.8	11.6	16.1	19.6	21.8
1,1-Dichloroethene	0.7	7	5.7	6.8	5.8	5.8	4.1	5.0	6.5	5.7	4.5	5.3	3.3	4.7	2.8	4.8
1,2-Dichloroethane	0.5	5	<0.70	<0.70	<0.70	<0.70	<0.70	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
cis-1,2-Dichloroethene	7	70	11.5	10.3	7.7	9.1	8.6	9.2	12.7	10.4	8.0	10.9	9.5	9.5	10.4	10.6
trans-1,2-Dichloroethene	20	100	<2.7	<1.2	<1.2	<1.2	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Tetrachloroethene	0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	0.5	5	**243**	**405**	**351**	**344**	**264**	**230**	**368**	**415**	**283**	**329**	**202**	**288**	**343**	**377**
Vinyl chloride	0.02	0.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44

Well No.	WDNR NR 140 Standards		MW-36													
Parameter / Date	PAL	ES	6/30/2020	9/24/2020	12/18/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	7/21/2022	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/18/2023
1,1,1-Trichloroethane	40	200	12.9	13.7	27.9	30.6	2.0	0.43 J	36.9	7.1	12.6	20.4	4.8	6.9	17.5	28.7
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<2.8	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	4.7	5.1	11.5	11.5	0.87 J	<0.30	12.3	3.1	3.7	6.3	1.5	2.4	8.1	13.1
1,1-Dichloroethene	0.7	7	2.1	2.6	4.3 J	6.1	<0.58	<0.58	5.3	1.2	<0.58	1.4	<0.58	<0.58	2.1	4.1
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<1.4	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	5.1	5.7	9.0	8.9	1.1	<0.47	11.3	2.9	7.2	7.4	2.5	2.7	10	12.9
trans-1,2-Dichloroethene	20	100	0.52 J	1.2 J	<2.3	0.80 J	<0.53	<0.53	0.95 J	<0.53	<0.53	0.76 J	<0.53	<0.53	0.95 J	0.80 J
Tetrachloroethene	0.5	5	<0.33	<0.33	<1.6	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**177**	**228**	**454**	**386**	**32.2**	**12.0**	**317**	**66.3**	**79.6**	**147**	**41.4**	**59.5**	**219**	**277**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.87	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-36D				
Parameter / Date	PAL	ES	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-37													
Parameter / Date	PAL	ES	3/20/2020	6/30/2020	9/24/2020	12/18/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/25/2023
1,1,1-Trichloroethane	40	200	23.2	18.9	23.7	21.9	21.0	20.4	16.5	26.3	26.6	23.4	24.7	23.5	24.3	23.4
1,1,2-Trichloroethane	0.5	5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850	8.3	6.8	8.7	9.6	10.4	11.1	9.2	12.4	13.1	9.4	12.2	9.5	10.7	8.9
1,1-Dichloroethene	0.7	7	2.2	2.6	1.4 J	1.1 J	1.6 J	1.2 J	2.0 J	1.8 J	1.8 J	<1.2	2.6	1.5 J	<1.2	1.8 J
1,2-Dichloroethane	0.5	5	<0.56	<0.56	<0.56	<0.56	<0.56	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene	7	70	3.6	2.9	3.5	3.8	4.1	3.0	3.6	4.2	5.5	3.7	3.8	4.2	3.9	3.7
trans-1,2-Dichloroethene	20	100	<2.2	<0.93	<0.93	<0.93	1.0 J	<1.1	<1.1	<1.1	1.1 J	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5	**134**	**130**	**160**	**177**	**154**	**141**	**134**	**178**	**161**	**156**	**149**	**148**	**162**	**164**
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.	WDNR NR 140 Standards		MW-38													
Parameter / Date	PAL	ES	4/14/2020	6/30/2020	9/24/2020	12/21/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	2.2	<0.24	2.7	1.8	<0.24	5.7	0.95 J	10.1	1.6	<0.30	0.98 J	0.51 J	<0.30	4.0
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.1	<0.27	1.7	2.7	<0.27	2.5	0.72 J	5.3	1.6	<0.30	1.1	1.1	<0.30	3.0
1,1-Dichloroethene	0.7	7	0.42 J	<0.24	0.60 J	0.67J	<0.24	0.88 J	<0.58	1.2	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	2.9	0.34 J	7.1	15.7	1.8	2.8	2.5	7.9	8.6	<0.47	5.6	5.3	<0.47	7.4
trans-1,2-Dichloroethene	20	100	0.53 J	<0.46	1.1 J	1.1 J	<0.46	<0.53	<0.53	1.6	0.57 J	<0.53	<0.53	<0.53	<0.53	1.6
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**32.1**	1.4	**36.9**	**25.4**	1.7	**64.9**	**13.1**	**138**	**25.4**	0.56 J	**9.2**	**7.0**	0.51 J	**53.0**
Vinyl chloride	0.02	0.2	<0.17	<0.17	**3.7**	**10.6**	**0.99 J**	<0.17	**0.99 J**	<0.17	**1.9**	<0.17	**2.7**	**3.1**	<0.17	<0.17

Notes: Results are in ug/L.

PAL - Preventative Action Limit

ES - Enforcement Standard

Underlined - Result exceeds PAL

Bold - Result exceeds ES

(R) - Resample Event

1q - Reported value is most likely a result of carryover from previous sample.

B - Analyte detected in Method or Trip Blank

J - Estimated concentration between the Limits of Detection and Quantification

L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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

Well No.	WDNR NR 140 Standards		MW-39													
Parameter Date	PAL	ES	12/18/2020	3/17/2021	5/20/2021	6/9/2021	9/15/2021	10/27/2021 (R)	12/13/2021	3/28/2022	7/21/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	9/20/2023
1,1,1-Trichloroethane	40	200	<0.24	0.90 J	<0.30	<0.30	26.9	7.3	11.2	3.7	8.5	3.3	<0.30	6.4	<0.30	28.2
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.34	<0.34	<0.34	<1.7	<3.4	<0.69	<0.69	<0.69	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	0.60 J	<0.30	<0.30	16.7	5.2	8.8 J	2.7	6.0	2.8	<0.30	6.8	<0.30	29.2
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.58	<0.58	**8.4**	<2.9	<5.8	<1.2	1.9 J	<1.2	<0.58	2.0	<0.58	10.6
1,2-Dichloroethane	0.5	5	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<1.5	<2.9	<0.58	<0.58	<0.58	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	1.8	<0.47	<0.47	40.7	19.1	26.5	10.9	15	8.8	0.50 J	13.4	<0.47	45.8
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.53	<0.53	1.4	<2.6	<5.3	<1.1	<1.1	<1.1	<0.53	<0.53	<0.53	1.5
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.41	<0.41	<0.41	<2.0	<4.1	<0.82	<0.82	<0.82	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	1.6	**41.7**	2.9	3.0	**974**	**315**	**479**	**124**	**308**	**135**	**7.4**	**186**	3.5	**962**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.87	<1.7	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-40													
Parameter Date	PAL	ES	3/18/2020	6/26/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	24.3	27.3	21.2	23	26.7	21.9	29.6	29.7	30.4	33	34.0	35.7	31.4	34.6
1,1,2-Trichloroethane	0.5	5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850	8.5	8.2	7.1	7.8	9.3	9.4	9.8	11.1	10	10.6	13.2	12.9	12	11.9
1,1-Dichloroethene	0.7	7	3.6	3.4	2.3	2.6	3.1	2.8	3.6	3.5	2.7	3.5	3.8	3.3	2.9	2.7
1,2-Dichloroethane	0.5	5	<0.56	<0.56	<0.56	<0.56	<0.56	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene	7	70	5.7	6.5	3.7	5.4	6.9	4.6	5.6	5.5	5.8	6.0	7.6	8.8	5.8	5.9
trans-1,2-Dichloroethene	20	100	<2.2	<0.93	<0.93	<0.93	<0.93	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5	<0.65	<0.65	<0.65	<0.65	<0.65	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5	**162**	**181**	**109**	**177**	**174**	**131**	**176**	**168**	**175**	**182**	**206**	**205**	**194**	**196**
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.	WDNR NR 140 Standards		MW-41													
Parameter Date	PAL	ES	3/18/2020	6/25/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/24/2022	9/23/2022	12/16/2022	3/14/2023	6/13/2023	9/25/2023
1,1,1-Trichloroethane	40	200	29.7	36.6	35.5	35.5	42.0	28.6	41.4	25.1	53.9	24.5	55.8	45.6	46.2	36.8
1,1,2-Trichloroethane	0.5	5	<1.1	<0.55	<0.55	<0.55	<0.55	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850	12.1	10.5	10.3	10.9	13.8	11.6	14.2	10.2	16.9	8.8	19.8	12.5	15.8	10.1
1,1-Dichloroethene	0.7	7	4.8	3.7	3.4	3.8	5.3	3.3	4.5	2.5	4.6	2.7	6.0	4.8	2.2	3.6
1,2-Dichloroethane	0.5	5	<0.56	<0.28	<0.28	<0.28	<0.28	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene	7	70	7.0	9.1	5.8	3.9	3.7	3.7	3.7	3.0	2.7	4.0	4.5	3.8	4.0	2.3
trans-1,2-Dichloroethene	20	100	<2.2	<0.46	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5	<0.65	<0.33	<0.33	<0.33	<0.33	<0.82	<0.82	<0.82	<0.82	0.85 J	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5	**169**	**225**	**218**	**252**	**247**	**160**	**232**	**153**	**225**	**149**	**296**	**244**	**262**	**222**
Vinyl chloride	0.02	0.2	<0.35	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.	WDNR NR 140 Standards		MW-42													
Parameter Date	PAL	ES	3/18/2020	6/25/2020	9/23/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/9/2021	3/24/2022	9/21/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	20	19.8	41.8	38.3	47.1	39.7	76.3	73.4	52	75	50.6	30.4	30.3	53.2
1,1,2-Trichloroethane	0.5	5	<1.1	<0.55	<0.55	<0.55	<0.55	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane	85	850	6.8	4.1	10.3	17.5	20.5	16.2	27.3	31.5	19.3	19.7	13.7	7.7	9.4	12.8
1,1-Dichloroethene	0.7	7	3.0	1.7	4.4	5.7	6.7	5.1	**8.0**	**7.8**	6.5	6.7	5.2	2.7	2.5	3.8
1,2-Dichloroethane	0.5	5	<0.56	<0.28	<0.28	<0.28	<0.28	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene	7	70	3.0	1.9	3.4	4.6	6.1	5.1	7.3	8.0	6.1	8.0	6.4	5.5	3.5	4.9
trans-1,2-Dichloroethene	20	100	<2.2	<0.46	<0.46	<0.46	<0.46	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene	0.5	5	<0.65	<0.33	<0.33	<0.33	<0.33	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene	0.5	5	**115**	**128**	**239**	**241**	**229**	**231**	**391**	**409**	**228**	**412**	**331**	**200**	**212**	**309**
Vinyl chloride	0.02	0.2	**0.74 J**	<0.17	**0.85 J**	**1.1**	**1.2**	**1.3 J**	**1.3 J**	**1.0 J**	**3.7**	**3.0**	**2.7**	**2.1**	**0.96 J**	**1.2 J**

Well No.	WDNR NR 140 Standards		MW-43													
Parameter Date	PAL	ES	4/14/2020	6/24/2020	9/23/2020	12/16/2020	3/18/2021	6/14/2021	9/13/2021	12/8/2021	3/23/2022	9/21/2022	12/13/2022	3/14/2023	6/14/2023	9/22/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	0.37 J	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34			<0.34
1,1-Dichloroethane	85	850	1.1	1.7	0.81 J	0.88 J	0.93 J	0.44 J	0.36 J	0.36 J	<0.30	<0.30	<0.30			<0.30
1,1-Dichloroethene	0.7	7	0.55 J	1.3	0.54 J	0.60 J	0.67 J	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58			<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29			<0.29
cis-1,2-Dichloroethene	7	70	18.3	43.5	16.3	22.1	24.7	14.1	19.1	8.3	0.55 J	<0.47	<0.47			<0.47
trans-1,2-Dichloroethene	20	100	<0.46	0.77 J	<0.46	<0.46	<0.46	<0.53	0.96 J	0.91 J	<0.53	<0.53	<0.53			<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41			<0.41
Trichloroethene	0.5	5	**12.1**	**23.2**	**21.2**	**16.7**	**15.7**	**13.8**	**0.61 J**	<0.32	<0.32	<0.32	<0.32			<0.32
Vinyl chloride	0.02	0.2	**1.4**	**2.1**	**1.5**	**1.5**	**1.2**	**1.3**	**3.8**	**12.5**	**4.7**	**0.82 J**	**0.57 J**			<0.17

Well No.	WDNR NR 140 Standards		MW-44													
Parameter Date	PAL	ES	3/24/2020	6/30/2020	9/24/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/28/2022	9/22/2022	12/19/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	0.52 J	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	0.60 J	0.32 J	0.57 J	0.35 J	0.81 J	2.2	2.2	2.5	1.5	0.52 J	0.74 J	**6.2**
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

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

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

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

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

Well No.	WDNR NR 140 Standards		MW-45													
Parameter / Date	PAL	ES	3/23/2020	6/25/2020	9/23/2020	12/17/2020	3/17/2021	6/9/2021	9/14/2021	12/13/2021	3/24/2022	9/21/2022	12/15/2022	3/17/2023	6/16/2023	9/20/2023
1,1,1-Trichloroethane	40	200	13.9	11	13	3.4	11.5	9.7	11.3	12.7	17.7	9.9	2.0	12.6	2.0	7.3
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	12.6	10.4	12.8	5.0	12.7	12.6	13.1	12.8	13.7	11.3	2.3	5.9	3.7	7.7
1,1-Dichloroethene	0.7	7	2.4	2.2	2.0	0.55 J	1.9	2.0	1.7	2.2	2.2	2.1	0.77 J	2.0	1.1	1.7
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28 L1	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	8.3	8.1	43.8	33	29.3	25.1	32.0	39.3	30.5	24.7	6.1	16.0	5.6	32.0
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	0.54 J	<0.46	<0.46	<0.53	0.53 J	<0.53	<0.53	0.62 J	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**156**	**153**	**143**	**39.8**	**135**	**149**	**161**	**149**	**140**	**165**	**48.8**	**105**	**82.4**	**141**
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

Well No.	WDNR NR 140 Standards		MW-46													
Parameter / Date	PAL	ES	3/23/2020	6/30/2020	9/28/2020	12/21/2020	3/16/2021	6/9/2021	9/16/2021	12/7/2021	3/28/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-47													
Parameter / Date	PAL	ES	3/23/2020	6/30/2020	9/24/2020	12/21/2020	3/16/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-48													
Parameter / Date	PAL	ES	3/18/2020	6/25/2020	9/25/2020	12/17/2020	3/16/2021	6/8/2021	9/14/2021	12/10/2021	3/24/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	0.47 J	0.45 J	<0.30	<0.30	0.45 J	<0.30	0.46 J	0.66 J
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	0.27 J	<0.26	0.70 J	0.91 J	<0.32	1.6	1.4	0.61 J	0.68 J	1.6	<0.32	1.7	2.6
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

Well No.	WDNR NR 140 Standards		MW-49													
Parameter / Date	PAL	ES	3/18/2020	6/26/2020	9/25/2020	12/17/2020	3/17/2021	6/8/2021	9/15/2021	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/20/2023
1,1,1-Trichloroethane	40	200	3.6	15.6	27.3	18.1	17.6	40.8	23.6	28.4	3.6	42.5	15.7	4.7	48.4	44.3
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.1	4.2	6.6	5.6	5.4	15.5	7.0	7.4	0.71 J	10.8	3.9	1.5	15	12.1
1,1-Dichloroethene	0.7	7	0.57 J	1.8	2.3	2.3	2.3	5.2	2.4	2.8	<0.58	3.9	1.7	<0.58	5.1	3.8
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	0.77 J	1.2	0.86 J	0.72 J	1.7	1.1	1.2	<0.47	1.9	0.63 J	<0.47	2.1	1.7
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**17.9**	**81.7**	**168**	**97**	**83.6**	**195**	**114**	**144**	**17.3**	**216**	**92.4**	**25.2**	**276**	**220**
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

Well No.	WDNR NR 140 Standards		MW-50													
Parameter / Date	PAL	ES	6/26/2020	9/25/2020	12/21/2020	1/18/2021(R)	3/16/2021	6/8/2021	9/15/2021	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/15/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	2.0	91.6	31.6	8.3	7.2	0.56 J	0.32 J	0.32 J	1.1	<0.30	2.0	1.1	2.7	4.2
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	1.0	28.7	9.2	3.1	3.6	<0.30	0.41 J	0.34 J	1.1	<0.30	0.96 J	0.71 J	1.9	2.0
1,1-Dichloroethene	0.7	7	0.36 J	**7.9**	3.3	1.1	1.1	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	5.2	1.6	0.52 J	0.57 J	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	0.49 J	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**21.4**	**529**	**209**	**65.3**	**54.9**	**11.0**	**11.5**	**9.2**	**15.0**	**5.3**	**21.0**	**11.3**	**26.8**	**32.5**
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

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

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

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

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

Well No.	WDNR NR 140 Standards		MW-51													
Parameter / Date	PAL	ES	3/18/2020	6/26/2020	9/25/2020	12/21/2020	3/16/2021	6/8/2021	9/15/2021	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	0.29 J	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-52													
Parameter / Date	PAL	ES	3/18/2020	6/26/2020	9/25/2020	12/21/2020	3/15/2021	6/8/2021	9/15/2021	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023
1,1,1-Trichloroethane	40	200	<0.24	0.35 J	<0.24	<0.24	0.99 J	<0.30	<0.30	1.2	2.5	0.40 J	0.35 J	0.55 J	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	0.39 J	0.29 J	0.31 J	0.40 J	0.34 J	<0.30	0.36 J	0.35 J	0.50 J	<0.30	<0.30	<0.30	0.31 J	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	0.69 J	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	3.8	4.3	3.3	3.6	4.6	3.1	3.1	4.8	**6.5**	4.6	5.0	**5.2**	**5.6**	3.5
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

Well No.	WDNR NR 140 Standards		MW-53													
Parameter / Date	PAL	ES	3/24/2020	6/25/2020	9/24/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/29/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	6/19/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<0.26	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		MW-54													
Parameter / Date	PAL	ES	3/24/2020	6/25/2020	9/25/2020	12/18/2020	3/17/2021	6/14/2021	9/15/2021	12/7/2021	3/29/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	9/19/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	0.35 J	1.4	0.32 J	0.76 J	1.5	<0.32	<0.32	2.4	<0.32	<0.32	1.7	2.3	0.33 J	0.36 J
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

Well No.	WDNR NR 140 Standards		MW-55													
Parameter / Date	PAL	ES	4/14/2020	6/30/2020	9/24/2020	12/21/2020	3/15/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/15/2023	9/18/2023
1,1,1-Trichloroethane	40	200	<0.24	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene	0.7	7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	2.2	2.0	1.7	2.1	2.4	1.8	1.8	2.5	2.6	2.6	2.7	3.2	1.6	2.6
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	0.70 J	0.79 J	0.83 J	0.84 J	0.99 J 1q	0.60 J	0.67 J	0.89 J	0.67 J	1.0	0.86 J	0.85 J	0.59 J	0.89 J
Vinyl chloride	0.02	0.2	<0.17	<0.17	**0.24 J**	**0.22 J**	<0.17	<0.17	<0.17	<0.17	0.18 J	**0.28 J**	<0.17	<0.17	<0.17	**0.22 J**

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

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

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

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

Well No.	WDNR NR 140 Standards		MW-56						MW-56D					
Parameter / Date	PAL	ES	6/30/2022	9/23/2022	12/19/2022	3/20/2023	6/15/2023	9/20/2023	6/30/2022	9/23/2022	12/19/2022	3/20/2023	6/15/2023	9/20/2023
1,1,1-Trichloroethane	40	200	4.9	2.3	8.6	4.3	7.9	7.4	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	4.6	1.2 J	8..4	3.1	9.7	8.5	3.8	2.4	2.6	4.2	3.7	5.1
1,1-Dichloroethene	0.7	7	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	1.1	0.89 J	0.75 J	1.0	0.92 J	1.8
1,2-Dichloroethane	0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	11	4.9	11.3	4.1	14.5	11.5	24.4	18.6	15.1	35.6	46	58.7
trans-1,2-Dichloroethene	20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	2.1	1.4	1.1	2.0	1.9	2.8
Tetrachloroethene	0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**173**	**90**	**270**	**109**	**262**	**291**	**23.2**	**13.2**	**10.3**	**21.1**	**15.6**	**20.8**
Vinyl chloride	0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.17	<0.17	**0.32 J**	0.20 J	<0.17	<0.17

Well No.	WDNR NR 140 Standards		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	Duplicate 1 MW-47	Duplicate 2 MW-29	Duplicate 3 MW-23	Duplicate 1 MW-35
Parameter / Date	PAL	ES	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)	3/16/2021	3/17/2021	3/19/2021	6/8/2021
1,1,1-Trichloroethane	40	200	<0.24	3.9	<0.24	<0.24	25.8	40.8	24.9	<0.24	8.2	<0.24	28.1	6.0	41.1
1,1,2-Trichloroethane	0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<1.1	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34
1,1-Dichloroethane	85	850	<0.27	2.2	<0.27	<0.27	6.4	16.2	8.1	0.84 J	3.1	<0.27	12.7	3.0	20.7
1,1-Dichloroethene	0.7	7	<0.24	1.1	<0.24	0.29 J	2.3	5.0	2.3	<0.24	1.2	<0.24	3.0	1.3	6.5
1,2-Dichloroethane	0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.56	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29
cis-1,2-Dichloroethene	7	70	<0.27	9.1	<0.27	1.9	1.2	9.9	1.5 J	<0.27	0.53 J	<0.27	7.8	15.4	12.2
trans-1,2-Dichloroethene	20	100	<0.46	<0.46	<0.46	<0.46	<0.46	<0.93	<0.93	<0.46	<0.46	<0.46	<0.46	0.81 J	0.58 J
Tetrachloroethene	0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.65	<0.65	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41
Trichloroethene	0.5	5	0.69 J	**125**	<0.26	**16.4**	**161**	**322**	**175**	<0.26	**64.7**	<0.26	**183**	**101**	**310**
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		Duplicate 2 MW-29	Duplicate 3 MW-9D2	Duplicate 1 MW-35	Duplicate 2 MW-42	Duplicate 3 MW-50	Duplicate 4 MW-50	Duplicate 1 MW-30	Duplicate 2 MW-42	Duplicate 3 MW-51	Duplicate 1 MW-15	Duplicate 2 MW-37	Duplicate 3 MW-27	Duplicate 1 MW-15
Parameter / Date	PAL	ES	6/9/2021	6/15/2021	9/14/2021	9/14/2021	9/15/2021	1/18/2021(R)	12/9/2021	12/9/2021	12/10/2021	3/22/2022	3/25/2022	3/28/2022	9/20/2022
1,1,1-Trichloroethane	40	200	28.7	<0.30	38.5	88.5	0.35 J	8.2	94.4	66.1	<0.30	29.7	29.7	<0.30	44.3
1,1,2-Trichloroethane	0.5	5	<0.69	<0.34	<0.86	<0.86	<0.34	<0.55	<3.4	<1.4	<0.34	<1.4	<0.34	<0.34	<3.4
1,1-Dichloroethane	85	850	15	<0.30	19.3	34.6	0.39 J	3.1	41.5	28.6	<0.30	15.7	14	<0.30	22.6
1,1-Dichloroethene	0.7	7	3.7	<0.58	5.4	**9.4**	<0.58	1.2	**24.9**	**9.8**	<0.58	3.2 J	2.7	<0.58	<5.8
1,2-Dichloroethane	0.5	5	<0.58	<0.29	<0.73	<0.73	<0.29	<0.28	<2.9	<1.2	<0.29	<1.2	<0.29	<0.29	<2.9
cis-1,2-Dichloroethene	7	70	8.3	<0.47	12.9	8.6	<0.47	0.53 J	23.6	8.1	<0.47	31	5.1	<0.47	23.8
trans-1,2-Dichloroethene	20	100	<1.1	<0.53	<1.3	<1.3	<0.53	<0.46	<5.3	<2.1	<0.53	<2.1	1.0	<0.53	<5.3
Tetrachloroethene	0.5	5	<0.82	<0.41	<1.0	<1.0	<0.41	<0.33	<4.1	<1.6	<0.41	<1.6	<0.41	<0.41	<4.1
Trichloroethene	0.5	5	**200**	0.90 J	**328**	**444**	**12.7**	**64.7**	**1,930**	**403**	<0.32	**670**	**181**	<0.32	**1,110**
Vinyl chloride	0.02	0.2	<0.35	<0.17	<0.44	**1.4 J**	<0.17	<0.17	<1.7	**3.0 J**	<0.17	<0.70	<0.17	<0.17	<1.7

Well No.	WDNR NR 140 Standards		Duplicate 2 MW-29	Duplicate 3 MW-25R	Duplicate 1 MW-30	Duplicate 2 MW-28	Duplicate 3 MW-41	Duplicate 1 MW-51	Duplicate 2 MW-46
Parameter / Date	PAL	ES	9/21/2022	9/22/2022	12/13/2022	12/15/2022	12/16/2022	3/14/2023	3/15/2023
1,1,1-Trichloroethane	40	200	21.9	<0.30	90.5	<0.30	59	<0.30	<0.30
1,1,2-Trichloroethane	0.5	5	<0.34	<0.34	<6.9	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	6.0	<0.30	52.8	<0.30	20.4	<0.30	<0.30
1,1-Dichloroethene	0.7	7	1.9	<0.58	<11.6	<0.58	**8.4**	<0.58	<0.58
1,2-Dichloroethane	0.5	5	<0.29	<0.29	<5.8	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	5.2	<0.47	27.3	1.8	4.4	<0.47	<0.47
trans-1,2-Dichloroethene	20	100	<0.53	<0.53	<10.6	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.41	<0.41	<8.2	0.81 J	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	**159**	<0.32	**1,870**	1.3	**293**	<0.32	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<3.5	<0.17	<0.17	<0.17	<0.17

Well No.	WDNR NR 140 Standards		Duplicate 3 MW-9D2	Duplicate 1 MW-35	Duplicate 2 MW-56	Duplicate 3 MW-24D	Duplicate 1 MW-47	Duplicate 2 MW-42	Duplicate 3 MW-28
Parameter / Date	PAL	ES	3/17/2023	6/14/2023	6/15/2023	1/16/2023	9/18/2023	9/19/2023	9/22/2023
1,1,1-Trichloroethane	40	200	<0.30	51.4	9.0	<0.30	<0.30	52.2	<0.30
1,1,2-Trichloroethane	0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	<0.30	22.1	10.8	<0.30	<0.30	11.8	<0.30
1,1-Dichloroethene	0.7	7	<0.58	3.0	2.2	<0.58	<0.58	4.1	<0.58
1,2-Dichloroethane	0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	14.8	11.4	15.9	1.0	<0.47	4.7	2.6
trans-1,2-Dichloroethene	20	100	<0.53	0.79 J	0.73 J	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	0.58 J
Trichloroethene	0.5	5	**17.6**	**361**	**286**	0.67 J	<0.32	**283**	1.8
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	**1.5**	<0.17

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

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

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

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

Sample Name		WDNR NR 140 Standards		Frame Park* / Hobo Spring												
Parameter	Date	NPS-WW	NPS-LAL	3/24/2020	6/29/2020	9/28/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022	12/19/2022	3/21/2023	6/12/2023	9/25/2023
1,1,1-Trichloroethane		270,000	2.00E+06	12.8	11.6	14.6	18.2	11.1	17.6	13.3	17.5	13.8	15.1	15.9	13.0	10.4	15.5
1,1-Dichloroethane		NS	NS	5.0	4.2	5.2	7.2	5.8	9.1	7.2	8.9	7.0	5.9	7.0	5.5	5	7.4
1,1-Dichloroethene		NS	NS	1.3	1.2	1.3	1.7	1.1	2.3	1.8	1.5	1.4	1.2	1.7	0.89 J	0.82 J	0.92 J
cis-1,2-Dichloroethene		14,000	56,000	4.6	5.0	4.7	9.3	2.9	5.5	4.3	4.9	4.2	4.0	4.3	3.3	3.5	4.4
trans-1,2-Dichloroethene		24,000	110,000	<1.1	0.85 J	0.48 J	0.61 J	0.49 J	0.76 J	<0.53	<0.53	<0.53	0.63 J	0.66 J	<0.53	<0.53	0.54 J
Trichloroethene		539	6,400	89.4	105	132	132	76.4	159	113	129	97.3	114	134	99.3	82.6	113

Sample Name		WDNR NR 140 Standards		Streamwater (SW) - Down												
Parameter	Date	NPS-WW	NPS-LAL	3/24/2020	6/29/2020	9/28/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022	12/19/2022	3/21/2023	6/12/2023	9/25/2023
1,1,1-Trichloroethane		270,000	2.00E+06	0.74 J	0.60J	0.45 J	0.80 J	0.55 J	0.98 J	<0.30	0.47 J	<0.30	1.1	0.99 J	1.3	0.78 J	0.49 J
1,1-Dichloroethane		NS	NS	<0.27	<0.27	<0.27	0.35 J	<0.27	0.40 J	<0.30	<0.30	<0.30	0.33 J	0.43 J	0.46 J	<0.30	<0.30
1,1-Dichloroethene		NS	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		14,000	56,000	0.34 J	<0.27	0.29 J	0.46 J	0.30 J	<0.47	<0.47	0.64 J	<0.47	<0.47	0.57 J	0.51 J	<0.47	<0.47
trans-1,2-Dichloroethene		24,000	110,000	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Trichloroethene		539	6,400	3.7	2.6	3.8	6.8	3.6	5.2	1.5	4.0	1.4	7.3	7.4	6.6	4.7	4.7

Sample Name		WDNR NR 140 Standards		Streamwater (SW) - Up												
Parameter	Date	NPS-WW	NPS-LAL	3/24/2020	6/29/2020	9/29/2020	12/18/2020	3/22/2021	6/9/2021	9/16/2021	12/7/2021	3/25/2022	9/20/2022	12/19/2022	3/21/2023	6/12/2023	9/25/2023
1,1,1-Trichloroethane		270,000	2.00E+06	0.54 J	1.0	0.34 J	0.58 J	0.47 J	1.4	0.61 J	0.36 J	<0.30	0.48 J	0.47 J	0.62 J	0.86 J	0.49 J
1,1-Dichloroethane		NS	NS	<0.27	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		NS	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		14,000	56,000	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		24,000	110,000	<1.1	<0.46	<0.46	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Trichloroethene		539	6,400	1.2	2.7	2.3	2.2	1.8	4.6	2.0	1.8	0.56 J	2.9	2.7	1.6	4.4	3.1

Notes: Results are in ug/L.

NS - No Standard

NPS - Non-Public Water Supply

LAL - Limited Aquatic Life

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

J - Estimated concentration between the Limits of Detection and Quantification

ND - Not Detected

ATTACHMENT
September 2023 Data Package

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

October 02, 2023

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

RE: Project: 11717 NAVISTAR
Pace Project No.: 40268402

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on September 21, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Patrick Allenstein, KPRG and Associates, Inc.
Jack Misner, KPRG AND ASSOCIATES, INC.
Kaelyn Sperle, KPRG and Associates, Inc.

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

CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

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.: 40268402

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40268402001	**MW-38**	Water	09/18/23 10:46	09/21/23 09:00
40268402002	**MW-55**	Water	09/18/23 11:21	09/21/23 09:00
40268402003	**MW-36D**	Water	09/18/23 12:24	09/21/23 09:00
40268402004	**MW-36**	Water	09/18/23 12:55	09/21/23 09:00
40268402005	**MW-26**	Water	09/18/23 13:34	09/21/23 09:00
40268402006	**MW-25R**	Water	09/18/23 14:04	09/21/23 09:00
40268402007	**MW-46**	Water	09/18/23 14:49	09/21/23 09:00
40268402008	**MW-47**	Water	09/18/23 15:18	09/21/23 09:00
40268402009	**MW-44**	Water	09/18/23 15:55	09/21/23 09:00
40268402010	**MW-35**	Water	09/19/23 09:15	09/21/23 09:00
40268402011	**MW-40**	Water	09/19/23 09:47	09/21/23 09:00
40268402012	**MW-48**	Water	09/19/23 10:58	09/21/23 09:00
40268402013	**MW-41**	Water	09/19/23 11:35	09/21/23 09:00
40268402014	**MW-42**	Water	09/19/23 12:11	09/21/23 09:00
40268402015	**MW-50**	Water	09/19/23 12:46	09/21/23 09:00
40268402016	**MW-51**	Water	09/19/23 13:13	09/21/23 09:00
40268402017	**MW-52**	Water	09/19/23 14:17	09/21/23 09:00
40268402018	**MW-54**	Water	09/19/23 14:57	09/21/23 09:00
40268402019	**MW-53**	Water	09/19/23 15:42	09/21/23 09:00
40268402020	**MW-49**	Water	09/20/23 09:57	09/21/23 09:00
40268402021	**MW-27**	Water	09/20/23 10:45	09/21/23 09:00
40268402022	**MW-39**	Water	09/20/23 11:13	09/21/23 09:00
40268402023	**MW-56D**	Water	09/20/23 11:45	09/21/23 09:00
40268402024	**MW-56**	Water	09/20/23 12:17	09/21/23 09:00
40268402025	**NMW-3R**	Water	09/20/23 12:52	09/21/23 09:00
40268402026	**MW-45**	Water	09/20/23 13:18	09/21/23 09:00
40268402027	**MW-29**	Water	09/20/23 13:47	09/21/23 09:00
40268402028	**MW-29D**	Water	09/20/23 14:13	09/21/23 09:00
40268402029	**MW-34**	Water	09/20/23 14:50	09/21/23 09:00
40268402030	**DUPLICATE 1**	Water	09/18/23 00:00	09/21/23 09:00
40268402031	**DUPLICATE 2**	Water	09/19/23 00:00	09/21/23 09:00
40268402032	**TRIP BLANK**	Water	09/20/23 00:00	09/21/23 09:00
40268402033	**MW-33**	Water	09/20/23 15:26	09/21/23 09:00

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40268402001	**MW-38**	EPA 8260	EIB	13	PASI-G
40268402002	**MW-55**	EPA 8260	EIB	13	PASI-G
40268402003	**MW-36D**	EPA 8260	EIB	13	PASI-G
40268402004	**MW-36**	EPA 8260	EIB	13	PASI-G
40268402005	**MW-26**	EPA 8260	EIB	13	PASI-G
40268402006	**MW-25R**	EPA 8260	EIB	13	PASI-G
40268402007	**MW-46**	EPA 8260	EIB	13	PASI-G
40268402008	**MW-47**	EPA 8260	EIB	13	PASI-G
40268402009	**MW-44**	EPA 8260	EIB	13	PASI-G
40268402010	**MW-35**	EPA 8260	EIB	13	PASI-G
40268402011	**MW-40**	EPA 8260	EIB	13	PASI-G
40268402012	**MW-48**	EPA 8260	EIB	13	PASI-G
40268402014	**MW-42**	EPA 8260	EIB	13	PASI-G
40268402015	**MW-50**	EPA 8260	EIB	13	PASI-G
40268402016	**MW-51**	EPA 8260	EIB	13	PASI-G
40268402017	**MW-52**	EPA 8260	EIB	13	PASI-G
40268402018	**MW-54**	EPA 8260	EIB	13	PASI-G
40268402019	**MW-53**	EPA 8260	EIB	13	PASI-G
40268402020	**MW-49**	EPA 8260	EIB	13	PASI-G
40268402021	**MW-27**	EPA 8260	SMT	13	PASI-G
40268402022	**MW-39**	EPA 8260	SMT	13	PASI-G
40268402023	**MW-56D**	EPA 8260	SMT	13	PASI-G
40268402024	**MW-56**	EPA 8260	SMT	13	PASI-G
40268402025	**NMW-3R**	EPA 8260	SMT	13	PASI-G
40268402026	**MW-45**	EPA 8260	EIB	13	PASI-G
40268402027	**MW-29**	EPA 8260	CXJ	13	PASI-G
40268402028	**MW-29D**	EPA 8260	CXJ	13	PASI-G
40268402029	**MW-34**	EPA 8260	CXJ	13	PASI-G
40268402030	**DUPLICATE 1**	EPA 8260	CXJ	13	PASI-G
40268402031	**DUPLICATE 2**	EPA 8260	CXJ	13	PASI-G
40268402032	**TRIP BLANK**	EPA 8260	CXJ	13	PASI-G
40268402033	**MW-33**	EPA 8260	CXJ	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.: 40268402

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268402001	**MW-38**					
EPA 8260	1,1,1-Trichloroethane	4.0	ug/L	1.0	09/25/23 13:24	
EPA 8260	1,1-Dichloroethane	3.0	ug/L	1.0	09/25/23 13:24	
EPA 8260	Trichloroethene	53.0	ug/L	1.0	09/25/23 13:24	
EPA 8260	cis-1,2-Dichloroethene	7.4	ug/L	1.0	09/25/23 13:24	
EPA 8260	trans-1,2-Dichloroethene	1.6	ug/L	1.0	09/25/23 13:24	
40268402002	**MW-55**					
EPA 8260	Trichloroethene	0.89J	ug/L	1.0	09/25/23 10:29	
EPA 8260	Vinyl chloride	0.22J	ug/L	1.0	09/25/23 10:29	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	09/25/23 10:29	
40268402004	**MW-36**					
EPA 8260	1,1,1-Trichloroethane	28.7	ug/L	1.0	09/25/23 13:44	
EPA 8260	1,1-Dichloroethane	13.1	ug/L	1.0	09/25/23 13:44	
EPA 8260	1,1-Dichloroethene	4.1	ug/L	1.0	09/25/23 13:44	
EPA 8260	Trichloroethene	277	ug/L	4.0	09/26/23 09:18	
EPA 8260	cis-1,2-Dichloroethene	12.9	ug/L	1.0	09/25/23 13:44	
EPA 8260	trans-1,2-Dichloroethene	0.80J	ug/L	1.0	09/25/23 13:44	
40268402005	**MW-26**					
EPA 8260	1,1,1-Trichloroethane	1.2	ug/L	1.0	09/25/23 15:21	
EPA 8260	1,1-Dichloroethane	1.5	ug/L	1.0	09/25/23 15:21	
EPA 8260	Trichloroethene	47.3	ug/L	1.0	09/25/23 15:21	
EPA 8260	cis-1,2-Dichloroethene	5.1	ug/L	1.0	09/25/23 15:21	
40268402006	**MW-25R**					
EPA 8260	Trichloroethene	0.62J	ug/L	1.0	09/25/23 11:08	
40268402009	**MW-44**					
EPA 8260	Trichloroethene	6.2	ug/L	1.0	09/25/23 12:07	
40268402010	**MW-35**					
EPA 8260	1,1,1-Trichloroethane	56.7	ug/L	2.5	09/25/23 16:00	
EPA 8260	1,1-Dichloroethane	21.8	ug/L	2.5	09/25/23 16:00	
EPA 8260	1,1-Dichloroethene	4.8	ug/L	2.5	09/25/23 16:00	
EPA 8260	Trichloroethene	377	ug/L	2.5	09/25/23 16:00	
EPA 8260	cis-1,2-Dichloroethene	10.6	ug/L	2.5	09/25/23 16:00	
40268402011	**MW-40**					
EPA 8260	1,1,1-Trichloroethane	34.6	ug/L	2.0	09/25/23 16:19	
EPA 8260	1,1-Dichloroethane	11.9	ug/L	2.0	09/25/23 16:19	
EPA 8260	1,1-Dichloroethene	2.7	ug/L	2.0	09/25/23 16:19	
EPA 8260	Trichloroethene	196	ug/L	2.0	09/25/23 16:19	
EPA 8260	cis-1,2-Dichloroethene	5.9	ug/L	2.0	09/25/23 16:19	
40268402012	**MW-48**					
EPA 8260	1,1,1-Trichloroethane	0.66J	ug/L	1.0	09/25/23 12:26	
EPA 8260	Trichloroethene	2.6	ug/L	1.0	09/25/23 12:26	
40268402014	**MW-42**					
EPA 8260	1,1,1-Trichloroethane	53.2	ug/L	2.0	09/25/23 16:39	

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.: 40268402

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268402014	**MW-42**					
EPA 8260	1,1-Dichloroethane	12.8	ug/L	2.0	09/25/23 16:39	
EPA 8260	1,1-Dichloroethene	3.8	ug/L	2.0	09/25/23 16:39	
EPA 8260	Trichloroethene	309	ug/L	2.0	09/25/23 16:39	
EPA 8260	Vinyl chloride	1.2J	ug/L	2.0	09/25/23 16:39	
EPA 8260	cis-1,2-Dichloroethene	4.9	ug/L	2.0	09/25/23 16:39	
40268402015	**MW-50**					
EPA 8260	1,1,1-Trichloroethane	4.2	ug/L	1.0	09/25/23 14:03	
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	09/25/23 14:03	
EPA 8260	Trichloroethene	32.5	ug/L	1.0	09/25/23 14:03	
40268402017	**MW-52**					
EPA 8260	Trichloroethene	3.5	ug/L	1.0	09/25/23 14:23	
40268402018	**MW-54**					
EPA 8260	Trichloroethene	0.36J	ug/L	1.0	09/25/23 13:05	
40268402020	**MW-49**					
EPA 8260	1,1,1-Trichloroethane	44.3	ug/L	1.0	09/25/23 15:02	
EPA 8260	1,1-Dichloroethane	12.1	ug/L	1.0	09/25/23 15:02	
EPA 8260	1,1-Dichloroethene	3.8	ug/L	1.0	09/25/23 15:02	
EPA 8260	Trichloroethene	220	ug/L	1.0	09/25/23 15:02	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	09/25/23 15:02	
40268402021	**MW-27**					
EPA 8260	1,1-Dichloroethane	0.84J	ug/L	1.0	09/25/23 11:58	
40268402022	**MW-39**					
EPA 8260	1,1,1-Trichloroethane	28.2	ug/L	1.0	09/25/23 12:16	
EPA 8260	1,1-Dichloroethane	29.2	ug/L	1.0	09/25/23 12:16	
EPA 8260	1,1-Dichloroethene	10.6	ug/L	1.0	09/25/23 12:16	
EPA 8260	Trichloroethene	962	ug/L	20.0	09/25/23 16:55	
EPA 8260	cis-1,2-Dichloroethene	45.8	ug/L	1.0	09/25/23 12:16	
EPA 8260	trans-1,2-Dichloroethene	1.5	ug/L	1.0	09/25/23 12:16	
40268402023	**MW-56D**					
EPA 8260	1,1-Dichloroethane	5.1	ug/L	1.0	09/25/23 16:36	
EPA 8260	1,1-Dichloroethene	1.8	ug/L	1.0	09/25/23 16:36	
EPA 8260	Trichloroethene	20.8	ug/L	1.0	09/25/23 16:36	
EPA 8260	cis-1,2-Dichloroethene	58.7	ug/L	1.0	09/25/23 16:36	
EPA 8260	trans-1,2-Dichloroethene	2.8	ug/L	1.0	09/25/23 16:36	
40268402024	**MW-56**					
EPA 8260	1,1,1-Trichloroethane	7.4	ug/L	2.0	09/25/23 15:59	
EPA 8260	1,1-Dichloroethane	8.5	ug/L	2.0	09/25/23 15:59	
EPA 8260	Trichloroethene	291	ug/L	2.0	09/25/23 15:59	
EPA 8260	cis-1,2-Dichloroethene	11.5	ug/L	2.0	09/25/23 15:59	
40268402025	**NMW-3R**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	09/25/23 16:18	
EPA 8260	Trichloroethene	7.1	ug/L	1.0	09/25/23 16:18	

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.: 40268402

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268402025	**NMW-3R**					
EPA 8260	cis-1,2-Dichloroethene	5.9	ug/L	1.0	09/25/23 16:18	
40268402026	**MW-45**					
EPA 8260	1,1,1-Trichloroethane	7.3	ug/L	1.0	09/25/23 15:41	
EPA 8260	1,1-Dichloroethane	7.7	ug/L	1.0	09/25/23 15:41	
EPA 8260	1,1-Dichloroethene	1.7	ug/L	1.0	09/25/23 15:41	
EPA 8260	Trichloroethene	141	ug/L	1.0	09/25/23 15:41	
EPA 8260	cis-1,2-Dichloroethene	32.0	ug/L	1.0	09/25/23 15:41	
40268402027	**MW-29**					
EPA 8260	1,1,1-Trichloroethane	9.2	ug/L	1.0	09/26/23 16:55	
EPA 8260	1,1-Dichloroethane	2.9	ug/L	1.0	09/26/23 16:55	
EPA 8260	1,1-Dichloroethene	0.58J	ug/L	1.0	09/26/23 16:55	
EPA 8260	Trichloroethene	79.8	ug/L	1.0	09/26/23 16:55	
EPA 8260	cis-1,2-Dichloroethene	3.3	ug/L	1.0	09/26/23 16:55	
40268402031	**DUPLICATE 2**					
EPA 8260	1,1,1-Trichloroethane	52.2	ug/L	1.0	09/26/23 15:56	
EPA 8260	1,1-Dichloroethane	11.8	ug/L	1.0	09/26/23 15:56	
EPA 8260	1,1-Dichloroethene	4.1	ug/L	1.0	09/26/23 15:56	
EPA 8260	Trichloroethene	283	ug/L	4.0	09/27/23 12:02	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	09/26/23 15:56	
EPA 8260	cis-1,2-Dichloroethene	4.7	ug/L	1.0	09/26/23 15:56	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-38 **Lab ID: 40268402001** Collected: 09/18/23 10:46 Received: 09/21/23 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	**4.0**	ug/L	1.0	0.30	1		09/25/23 13:24	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 13:24	79-00-5	
1,1-Dichloroethane	**3.0**	ug/L	1.0	0.30	1		09/25/23 13:24	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 13:24	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 13:24	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 13:24	127-18-4	
Trichloroethene	**53.0**	ug/L	1.0	0.32	1		09/25/23 13:24	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 13:24	75-01-4	
cis-1,2-Dichloroethene	**7.4**	ug/L	1.0	0.47	1		09/25/23 13:24	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.53	1		09/25/23 13:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 13:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 13:24	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 13:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-55 **Lab ID: 40268402002** Collected: 09/18/23 11:21 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 10:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 10:29	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 10:29	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 10:29	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 10:29	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 10:29	127-18-4	
Trichloroethene	**0.89J**	ug/L	1.0	0.32	1		09/25/23 10:29	79-01-6	
Vinyl chloride	**0.22J**	ug/L	1.0	0.17	1		09/25/23 10:29	75-01-4	
cis-1,2-Dichloroethene	**2.6**	ug/L	1.0	0.47	1		09/25/23 10:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 10:29	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 10:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/25/23 10:29	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/25/23 10:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-36D **Lab ID: 40268402003** Collected: 09/18/23 12:24 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 10:49	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 10:49	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 10:49	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 10:49	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 10:49	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 10:49	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 10:49	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 10:49	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 10:49	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 10:49	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 10:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 10:49	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/25/23 10:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-36 **Lab ID: 40268402004** Collected: 09/18/23 12:55 Received: 09/21/23 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	**28.7**	ug/L	1.0	0.30	1		09/25/23 13:44	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 13:44	79-00-5	
1,1-Dichloroethane	**13.1**	ug/L	1.0	0.30	1		09/25/23 13:44	75-34-3	
1,1-Dichloroethene	**4.1**	ug/L	1.0	0.58	1		09/25/23 13:44	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 13:44	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 13:44	127-18-4	
Trichloroethene	**277**	ug/L	4.0	1.3	4		09/26/23 09:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 13:44	75-01-4	
cis-1,2-Dichloroethene	**12.9**	ug/L	1.0	0.47	1		09/25/23 13:44	156-59-2	
trans-1,2-Dichloroethene	**0.80J**	ug/L	1.0	0.53	1		09/25/23 13:44	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/25/23 13:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/25/23 13:44	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 13:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-26 **Lab ID: 40268402005** Collected: 09/18/23 13:34 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**1.2**	ug/L	1.0	0.30	1		09/25/23 15:21	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 15:21	79-00-5	
1,1-Dichloroethane	**1.5**	ug/L	1.0	0.30	1		09/25/23 15:21	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 15:21	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 15:21	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 15:21	127-18-4	
Trichloroethene	**47.3**	ug/L	1.0	0.32	1		09/25/23 15:21	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 15:21	75-01-4	
cis-1,2-Dichloroethene	**5.1**	ug/L	1.0	0.47	1		09/25/23 15:21	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 15:21	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 15:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/25/23 15:21	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		09/25/23 15:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-25R **Lab ID: 40268402006** Collected: 09/18/23 14:04 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:08	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 11:08	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:08	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 11:08	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 11:08	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 11:08	127-18-4	
Trichloroethene	**0.62J**	ug/L	1.0	0.32	1		09/25/23 11:08	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 11:08	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 11:08	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 11:08	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 11:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/25/23 11:08	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 11:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-46 **Lab ID: 40268402007** Collected: 09/18/23 14:49 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:28	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 11:28	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:28	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 11:28	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 11:28	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 11:28	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 11:28	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 11:28	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 11:28	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 11:28	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/25/23 11:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 11:28	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 11:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-47 **Lab ID: 40268402008** Collected: 09/18/23 15:18 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:47	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 11:47	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:47	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 11:47	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 11:47	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 11:47	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 11:47	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 11:47	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 11:47	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 11:47	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 11:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 11:47	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 11:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-44 **Lab ID: 40268402009** Collected: 09/18/23 15:55 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 12:07	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 12:07	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 12:07	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 12:07	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 12:07	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 12:07	127-18-4	
Trichloroethene	**6.2**	ug/L	1.0	0.32	1		09/25/23 12:07	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 12:07	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 12:07	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 12:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/25/23 12:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/25/23 12:07	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 12:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-35 **Lab ID: 40268402010** Collected: 09/19/23 09:15 Received: 09/21/23 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	**56.7**	ug/L	2.5	0.76	2.5		09/25/23 16:00	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/L	2.5	0.86	2.5		09/25/23 16:00	79-00-5	
1,1-Dichloroethane	**21.8**	ug/L	2.5	0.74	2.5		09/25/23 16:00	75-34-3	
1,1-Dichloroethene	**4.8**	ug/L	2.5	1.5	2.5		09/25/23 16:00	75-35-4	
1,2-Dichloroethane	**<0.73**	ug/L	2.5	0.73	2.5		09/25/23 16:00	107-06-2	
Tetrachloroethene	**<1.0**	ug/L	2.5	1.0	2.5		09/25/23 16:00	127-18-4	
Trichloroethene	**377**	ug/L	2.5	0.80	2.5		09/25/23 16:00	79-01-6	
Vinyl chloride	**<0.44**	ug/L	2.5	0.44	2.5		09/25/23 16:00	75-01-4	
cis-1,2-Dichloroethene	**10.6**	ug/L	2.5	1.2	2.5		09/25/23 16:00	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	2.5	1.3	2.5		09/25/23 16:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		2.5		09/25/23 16:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		2.5		09/25/23 16:00	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2.5		09/25/23 16:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-40 **Lab ID: 40268402011** Collected: 09/19/23 09:47 Received: 09/21/23 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	**34.6**	ug/L	2.0	0.61	2		09/25/23 16:19	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		09/25/23 16:19	79-00-5	
1,1-Dichloroethane	**11.9**	ug/L	2.0	0.59	2		09/25/23 16:19	75-34-3	
1,1-Dichloroethene	**2.7**	ug/L	2.0	1.2	2		09/25/23 16:19	75-35-4	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		09/25/23 16:19	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		09/25/23 16:19	127-18-4	
Trichloroethene	**196**	ug/L	2.0	0.64	2		09/25/23 16:19	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		09/25/23 16:19	75-01-4	
cis-1,2-Dichloroethene	**5.9**	ug/L	2.0	0.94	2		09/25/23 16:19	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		09/25/23 16:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		09/25/23 16:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		2		09/25/23 16:19	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2		09/25/23 16:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-48 **Lab ID: 40268402012** Collected: 09/19/23 10:58 Received: 09/21/23 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	**0.66J**	ug/L	1.0	0.30	1		09/25/23 12:26	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 12:26	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 12:26	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 12:26	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 12:26	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 12:26	127-18-4	
Trichloroethene	**2.6**	ug/L	1.0	0.32	1		09/25/23 12:26	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 12:26	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 12:26	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 12:26	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/25/23 12:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 12:26	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 12:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-42 **Lab ID: 40268402014** Collected: 09/19/23 12:11 Received: 09/21/23 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	**53.2**	ug/L	2.0	0.61	2		09/25/23 16:39	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		09/25/23 16:39	79-00-5	
1,1-Dichloroethane	**12.8**	ug/L	2.0	0.59	2		09/25/23 16:39	75-34-3	
1,1-Dichloroethene	**3.8**	ug/L	2.0	1.2	2		09/25/23 16:39	75-35-4	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		09/25/23 16:39	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		09/25/23 16:39	127-18-4	
Trichloroethene	**309**	ug/L	2.0	0.64	2		09/25/23 16:39	79-01-6	
Vinyl chloride	**1.2J**	ug/L	2.0	0.35	2		09/25/23 16:39	75-01-4	
cis-1,2-Dichloroethene	**4.9**	ug/L	2.0	0.94	2		09/25/23 16:39	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		09/25/23 16:39	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2		09/25/23 16:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		2		09/25/23 16:39	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2		09/25/23 16:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-50 **Lab ID: 40268402015** Collected: 09/19/23 12:46 Received: 09/21/23 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	**4.2**	ug/L	1.0	0.30	1		09/25/23 14:03	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 14:03	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.30	1		09/25/23 14:03	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 14:03	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 14:03	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 14:03	127-18-4	
Trichloroethene	**32.5**	ug/L	1.0	0.32	1		09/25/23 14:03	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 14:03	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 14:03	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 14:03	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 14:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/25/23 14:03	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 14:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-51 **Lab ID: 40268402016** Collected: 09/19/23 13:13 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 12:45	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 12:45	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 12:45	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 12:45	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 12:45	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 12:45	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 12:45	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 12:45	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 12:45	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 12:45	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/25/23 12:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 12:45	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 12:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-52 **Lab ID: 40268402017** Collected: 09/19/23 14:17 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 14:23	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 14:23	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 14:23	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 14:23	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 14:23	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 14:23	127-18-4	
Trichloroethene	**3.5**	ug/L	1.0	0.32	1		09/25/23 14:23	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 14:23	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 14:23	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 14:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 14:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		09/25/23 14:23	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 14:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-54 **Lab ID: 40268402018** Collected: 09/19/23 14:57 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 13:05	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 13:05	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 13:05	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 13:05	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 13:05	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 13:05	127-18-4	
Trichloroethene	**0.36J**	ug/L	1.0	0.32	1		09/25/23 13:05	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 13:05	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 13:05	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 13:05	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/25/23 13:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/25/23 13:05	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/25/23 13:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-53 **Lab ID: 40268402019** Collected: 09/19/23 15:42 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 14:42	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 14:42	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 14:42	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 14:42	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 14:42	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 14:42	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 14:42	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 14:42	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 14:42	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 14:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/25/23 14:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/25/23 14:42	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/25/23 14:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-49 **Lab ID: 40268402020** Collected: 09/20/23 09:57 Received: 09/21/23 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	**44.3**	ug/L	1.0	0.30	1		09/25/23 15:02	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 15:02	79-00-5	
1,1-Dichloroethane	**12.1**	ug/L	1.0	0.30	1		09/25/23 15:02	75-34-3	
1,1-Dichloroethene	**3.8**	ug/L	1.0	0.58	1		09/25/23 15:02	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 15:02	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 15:02	127-18-4	
Trichloroethene	**220**	ug/L	1.0	0.32	1		09/25/23 15:02	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 15:02	75-01-4	
cis-1,2-Dichloroethene	**1.7**	ug/L	1.0	0.47	1		09/25/23 15:02	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 15:02	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/25/23 15:02	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/25/23 15:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-27 **Lab ID: 40268402021** Collected: 09/20/23 10:45 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 11:58	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 11:58	79-00-5	
1,1-Dichloroethane	**0.84J**	ug/L	1.0	0.30	1		09/25/23 11:58	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 11:58	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 11:58	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 11:58	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/25/23 11:58	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 11:58	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/25/23 11:58	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 11:58	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 11:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		09/25/23 11:58	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 11:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-39 **Lab ID: 40268402022** Collected: 09/20/23 11:13 Received: 09/21/23 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	**28.2**	ug/L	1.0	0.30	1		09/25/23 12:16	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 12:16	79-00-5	
1,1-Dichloroethane	**29.2**	ug/L	1.0	0.30	1		09/25/23 12:16	75-34-3	
1,1-Dichloroethene	**10.6**	ug/L	1.0	0.58	1		09/25/23 12:16	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 12:16	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 12:16	127-18-4	
Trichloroethene	**962**	ug/L	20.0	6.4	20		09/25/23 16:55	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 12:16	75-01-4	
cis-1,2-Dichloroethene	**45.8**	ug/L	1.0	0.47	1		09/25/23 12:16	156-59-2	
trans-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.53	1		09/25/23 12:16	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 12:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/25/23 12:16	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/25/23 12:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-56D **Lab ID: 40268402023** Collected: 09/20/23 11:45 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 16:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 16:36	79-00-5	
1,1-Dichloroethane	**5.1**	ug/L	1.0	0.30	1		09/25/23 16:36	75-34-3	
1,1-Dichloroethene	**1.8**	ug/L	1.0	0.58	1		09/25/23 16:36	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 16:36	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 16:36	127-18-4	
Trichloroethene	**20.8**	ug/L	1.0	0.32	1		09/25/23 16:36	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 16:36	75-01-4	
cis-1,2-Dichloroethene	**58.7**	ug/L	1.0	0.47	1		09/25/23 16:36	156-59-2	
trans-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.53	1		09/25/23 16:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/25/23 16:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		09/25/23 16:36	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/25/23 16:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-56 **Lab ID: 40268402024** Collected: 09/20/23 12:17 Received: 09/21/23 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	**7.4**	ug/L	2.0	0.61	2		09/25/23 15:59	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		09/25/23 15:59	79-00-5	
1,1-Dichloroethane	**8.5**	ug/L	2.0	0.59	2		09/25/23 15:59	75-34-3	
1,1-Dichloroethene	**<1.2**	ug/L	2.0	1.2	2		09/25/23 15:59	75-35-4	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		09/25/23 15:59	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		09/25/23 15:59	127-18-4	
Trichloroethene	**291**	ug/L	2.0	0.64	2		09/25/23 15:59	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		09/25/23 15:59	75-01-4	
cis-1,2-Dichloroethene	**11.5**	ug/L	2.0	0.94	2		09/25/23 15:59	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		09/25/23 15:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2		09/25/23 15:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		2		09/25/23 15:59	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2		09/25/23 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: NMW-3R **Lab ID: 40268402025** Collected: 09/20/23 12:52 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/25/23 16:18	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 16:18	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.30	1		09/25/23 16:18	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/25/23 16:18	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 16:18	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 16:18	127-18-4	
Trichloroethene	**7.1**	ug/L	1.0	0.32	1		09/25/23 16:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 16:18	75-01-4	
cis-1,2-Dichloroethene	**5.9**	ug/L	1.0	0.47	1		09/25/23 16:18	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 16:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/25/23 16:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/25/23 16:18	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/25/23 16:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-45 **Lab ID: 40268402026** Collected: 09/20/23 13:18 Received: 09/21/23 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	**7.3**	ug/L	1.0	0.30	1		09/25/23 15:41	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/25/23 15:41	79-00-5	
1,1-Dichloroethane	**7.7**	ug/L	1.0	0.30	1		09/25/23 15:41	75-34-3	
1,1-Dichloroethene	**1.7**	ug/L	1.0	0.58	1		09/25/23 15:41	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/25/23 15:41	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/25/23 15:41	127-18-4	
Trichloroethene	**141**	ug/L	1.0	0.32	1		09/25/23 15:41	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/25/23 15:41	75-01-4	
cis-1,2-Dichloroethene	**32.0**	ug/L	1.0	0.47	1		09/25/23 15:41	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/25/23 15:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/25/23 15:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/25/23 15:41	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/25/23 15:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-29 **Lab ID: 40268402027** Collected: 09/20/23 13:47 Received: 09/21/23 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	**9.2**	ug/L	1.0	0.30	1		09/26/23 16:55	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 16:55	79-00-5	
1,1-Dichloroethane	**2.9**	ug/L	1.0	0.30	1		09/26/23 16:55	75-34-3	
1,1-Dichloroethene	**0.58J**	ug/L	1.0	0.58	1		09/26/23 16:55	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 16:55	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 16:55	127-18-4	
Trichloroethene	**79.8**	ug/L	1.0	0.32	1		09/26/23 16:55	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 16:55	75-01-4	
cis-1,2-Dichloroethene	**3.3**	ug/L	1.0	0.47	1		09/26/23 16:55	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 16:55	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/26/23 16:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		09/26/23 16:55	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/26/23 16:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-29D **Lab ID: 40268402028** Collected: 09/20/23 14:13 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 14:57	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 14:57	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 14:57	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/26/23 14:57	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 14:57	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 14:57	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/26/23 14:57	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 14:57	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/26/23 14:57	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 14:57	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/26/23 14:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/26/23 14:57	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/26/23 14:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: MW-34 **Lab ID: 40268402029** Collected: 09/20/23 14:50 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 15:17	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 15:17	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 15:17	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/26/23 15:17	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 15:17	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 15:17	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/26/23 15:17	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 15:17	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/26/23 15:17	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 15:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/26/23 15:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/26/23 15:17	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/26/23 15:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: DUPLICATE 1 **Lab ID: 40268402030** Collected: 09/18/23 00:00 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 15:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 15:36	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 15:36	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/26/23 15:36	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 15:36	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 15:36	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/26/23 15:36	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 15:36	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/26/23 15:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 15:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/26/23 15:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/26/23 15:36	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/26/23 15:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: DUPLICATE 2 **Lab ID: 40268402031** Collected: 09/19/23 00:00 Received: 09/21/23 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	**52.2**	ug/L	1.0	0.30	1		09/26/23 15:56	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 15:56	79-00-5	
1,1-Dichloroethane	**11.8**	ug/L	1.0	0.30	1		09/26/23 15:56	75-34-3	
1,1-Dichloroethene	**4.1**	ug/L	1.0	0.58	1		09/26/23 15:56	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 15:56	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 15:56	127-18-4	
Trichloroethene	**283**	ug/L	4.0	1.3	4		09/27/23 12:02	79-01-6	
Vinyl chloride	**1.5**	ug/L	1.0	0.17	1		09/26/23 15:56	75-01-4	
cis-1,2-Dichloroethene	**4.7**	ug/L	1.0	0.47	1		09/26/23 15:56	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 15:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/26/23 15:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/26/23 15:56	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/26/23 15:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Sample: TRIP BLANK **Lab ID: 40268402032** Collected: 09/20/23 00:00 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 11:01	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 11:01	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 11:01	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/26/23 11:01	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 11:01	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 11:01	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/26/23 11:01	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 11:01	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/26/23 11:01	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 11:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		09/26/23 11:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		09/26/23 11:01	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/26/23 11:01	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.: 40268402

Sample: MW-33 **Lab ID: 40268402033** Collected: 09/20/23 15:26 Received: 09/21/23 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 16:15	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/26/23 16:15	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/26/23 16:15	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/26/23 16:15	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/26/23 16:15	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/26/23 16:15	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/26/23 16:15	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/26/23 16:15	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/26/23 16:15	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/26/23 16:15	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		09/26/23 16:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		09/26/23 16:15	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/26/23 16:15	2037-26-5	

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.: 40268402

QC Batch: 455573
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268402021, 40268402022, 40268402023, 40268402024, 40268402025

METHOD BLANK: 2616373 Matrix: Water
Associated Lab Samples: 40268402021, 40268402022, 40268402023, 40268402024, 40268402025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/25/23 08:15	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	09/25/23 08:15	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/25/23 08:15	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/25/23 08:15	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/25/23 08:15	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/25/23 08:15	
Tetrachloroethene	ug/L	<0.41	1.0	09/25/23 08:15	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/25/23 08:15	
Trichloroethene	ug/L	<0.32	1.0	09/25/23 08:15	
Vinyl chloride	ug/L	<0.17	1.0	09/25/23 08:15	
1,2-Dichlorobenzene-d4 (S)	%	108	70-130	09/25/23 08:15	
4-Bromofluorobenzene (S)	%	103	70-130	09/25/23 08:15	
Toluene-d8 (S)	%	100	70-130	09/25/23 08:15	

LABORATORY CONTROL SAMPLE: 2616374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.5	99	70-132	
1,1,2-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethane	ug/L	50	54.1	108	70-130	
1,1-Dichloroethene	ug/L	50	62.5	125	73-140	
1,2-Dichloroethane	ug/L	50	55.9	112	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	70-131	
Trichloroethene	ug/L	50	54.7	109	70-130	
Vinyl chloride	ug/L	50	50.7	101	51-145	
1,2-Dichlorobenzene-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2617269 2617270

Parameter	Units	40268396005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.7	54.0	103	108	70-132	4	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.9	54.2	108	108	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40268402

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2617269 2617270

Parameter	Units	40268396005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<0.30	50	50	53.6	55.6	107	111	70-131	4	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	62.4	65.5	125	131	69-146	5	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	58.6	59.8	117	120	70-130	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.4	52.8	103	106	70-130	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	54.8	55.6	110	111	70-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.9	55.5	106	111	70-135	5	20	
Trichloroethene	ug/L	<0.32	50	50	54.5	55.8	109	112	70-130	2	20	
Vinyl chloride	ug/L	<0.17	50	50	51.6	53.7	103	107	45-147	4	20	
1,2-Dichlorobenzene-d4 (S)	%						108	105	70-130			
4-Bromofluorobenzene (S)	%						109	109	70-130			
Toluene-d8 (S)	%						102	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40268402

QC Batch: 455576
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268402001, 40268402002, 40268402003, 40268402004, 40268402005, 40268402006, 40268402007, 40268402008, 40268402009, 40268402010, 40268402011, 40268402012, 40268402014, 40268402015, 40268402016, 40268402017, 40268402018, 40268402019, 40268402020, 40268402026

METHOD BLANK: 2616379
Matrix: Water
Associated Lab Samples: 40268402001, 40268402002, 40268402003, 40268402004, 40268402005, 40268402006, 40268402007, 40268402008, 40268402009, 40268402010, 40268402011, 40268402012, 40268402014, 40268402015, 40268402016, 40268402017, 40268402018, 40268402019, 40268402020, 40268402026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/25/23 08:32	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	09/25/23 08:32	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/25/23 08:32	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/25/23 08:32	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/25/23 08:32	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/25/23 08:32	
Tetrachloroethene	ug/L	<0.41	1.0	09/25/23 08:32	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/25/23 08:32	
Trichloroethene	ug/L	<0.32	1.0	09/25/23 08:32	
Vinyl chloride	ug/L	<0.17	1.0	09/25/23 08:32	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	09/25/23 08:32	
4-Bromofluorobenzene (S)	%	102	70-130	09/25/23 08:32	
Toluene-d8 (S)	%	103	70-130	09/25/23 08:32	

LABORATORY CONTROL SAMPLE: 2616380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.5	117	70-132	
1,1,2-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethane	ug/L	50	58.9	118	70-130	
1,1-Dichloroethene	ug/L	50	47.4	95	73-140	
1,2-Dichloroethane	ug/L	50	55.3	111	70-130	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	70-130	
Tetrachloroethene	ug/L	50	53.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.6	91	70-131	
Trichloroethene	ug/L	50	55.8	112	70-130	
Vinyl chloride	ug/L	50	42.0	84	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40268402

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2617280 2617281

Parameter	Units	40268402002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	58.2	58.3	116	117	70-132	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.8	50.8	106	102	70-130	4	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	58.5	58.3	117	117	70-131	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	46.0	46.9	92	94	69-146	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	55.8	54.4	112	109	70-130	3	20	
cis-1,2-Dichloroethene	ug/L	2.6	50	50	57.5	58.0	110	111	70-130	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	51.4	51.8	103	104	70-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	46.1	46.4	92	93	70-135	1	20	
Trichloroethene	ug/L	0.89J	50	50	55.5	56.2	109	111	70-130	1	20	
Vinyl chloride	ug/L	0.22J	50	50	42.3	41.4	84	82	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						97	99	70-130			
4-Bromofluorobenzene (S)	%						102	103	70-130			
Toluene-d8 (S)	%						101	100	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.: 40268402

QC Batch: 455639
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268402027, 40268402028, 40268402029, 40268402030, 40268402031, 40268402032, 40268402033

METHOD BLANK: 2617249 Matrix: Water
Associated Lab Samples: 40268402027, 40268402028, 40268402029, 40268402030, 40268402031, 40268402032, 40268402033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/26/23 09:23	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	09/26/23 09:23	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/26/23 09:23	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/26/23 09:23	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/26/23 09:23	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/26/23 09:23	
Tetrachloroethene	ug/L	<0.41	1.0	09/26/23 09:23	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/26/23 09:23	
Trichloroethene	ug/L	<0.32	1.0	09/26/23 09:23	
Vinyl chloride	ug/L	<0.17	1.0	09/26/23 09:23	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	09/26/23 09:23	
4-Bromofluorobenzene (S)	%	104	70-130	09/26/23 09:23	
Toluene-d8 (S)	%	101	70-130	09/26/23 09:23	

LABORATORY CONTROL SAMPLE: 2617250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.4	105	70-132	
1,1,2-Trichloroethane	ug/L	50	51.2	102	70-130	
1,1-Dichloroethane	ug/L	50	51.0	102	70-130	
1,1-Dichloroethene	ug/L	50	53.5	107	73-140	
1,2-Dichloroethane	ug/L	50	52.8	106	70-130	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	70-130	
Tetrachloroethene	ug/L	50	48.3	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.2	96	70-131	
Trichloroethene	ug/L	50	52.4	105	70-130	
Vinyl chloride	ug/L	50	49.0	98	51-145	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			108	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2618123 2618124

Parameter	Units	40268523005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.3	55.2	103	110	70-132	7	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.9	54.0	104	108	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40268402

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2618123 2618124

Parameter	Units	40268523005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<0.30	50	50	51.4	53.4	103	107	70-131	4	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	55.7	59.0	111	118	69-146	6	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	53.3	56.3	107	113	70-130	5	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.9	51.9	98	104	70-130	6	20	
Tetrachloroethene	ug/L	<0.41	50	50	47.9	50.4	96	101	70-131	5	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.0	54.2	100	108	70-135	8	20	
Trichloroethene	ug/L	<0.32	50	50	51.7	55.7	103	111	70-130	7	20	
Vinyl chloride	ug/L	<0.17	50	50	49.6	53.1	99	106	45-147	7	20	
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130			
4-Bromofluorobenzene (S)	%						107	106	70-130			
Toluene-d8 (S)	%						100	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALIFIERS

Project: 11717 NAVISTAR
Pace Project No.: 40268402

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.

DL - Adjusted Method Detection Limit.

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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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR
Pace Project No.: 40268402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40268402001	**MW-38**	EPA 8260	455576		
40268402002	**MW-55**	EPA 8260	455576		
40268402003	**MW-36D**	EPA 8260	455576		
40268402004	**MW-36**	EPA 8260	455576		
40268402005	**MW-26**	EPA 8260	455576		
40268402006	**MW-25R**	EPA 8260	455576		
40268402007	**MW-46**	EPA 8260	455576		
40268402008	**MW-47**	EPA 8260	455576		
40268402009	**MW-44**	EPA 8260	455576		
40268402010	**MW-35**	EPA 8260	455576		
40268402011	**MW-40**	EPA 8260	455576		
40268402012	**MW-48**	EPA 8260	455576		
40268402014	**MW-42**	EPA 8260	455576		
40268402015	**MW-50**	EPA 8260	455576		
40268402016	**MW-51**	EPA 8260	455576		
40268402017	**MW-52**	EPA 8260	455576		
40268402018	**MW-54**	EPA 8260	455576		
40268402019	**MW-53**	EPA 8260	455576		
40268402020	**MW-49**	EPA 8260	455576		
40268402021	**MW-27**	EPA 8260	455573		
40268402022	**MW-39**	EPA 8260	455573		
40268402023	**MW-56D**	EPA 8260	455573		
40268402024	**MW-56**	EPA 8260	455573		
40268402025	**NMW-3R**	EPA 8260	455573		
40268402026	**MW-45**	EPA 8260	455576		
40268402027	**MW-29**	EPA 8260	455639		
40268402028	**MW-29D**	EPA 8260	455639		
40268402029	**MW-34**	EPA 8260	455639		
40268402030	**DUPLICATE 1**	EPA 8260	455639		
40268402031	**DUPLICATE 2**	EPA 8260	455639		
40268402032	**TRIP BLANK**	EPA 8260	455639		
40268402033	**MW-33**	EPA 8260	455639		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40268402

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG and Associates	Billing Information: Same
Address: 14616S W. Lisbon Rd, Ste 1A, Brookfield, WI 53005	
Report To: Rich Gnat	Email To:
Copy To: kaelyns@kprginc.com	Site Collection Info/Address: 1401 Perkins Ave
Customer Project Name/Number: Navistar / 11717	State: WI County/City: Waukesha Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: 262-781-0475 Email:	Site/Facility ID #:
Collected By (print): Kaelyn Sperle	Purchase Order #: Quote #:
Collected By (signature): Kaelyn Sperle	Turnaround Date Required: standard
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

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

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

Analysis: _____

Container Preservative Type **: 3

Lab Project Manager:

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

Analyses: CVOCs

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA	
Custody Signatures Present	Y N NA	
Collector Signature Present	Y N NA	
Bottles Intact	Y N NA	1
Correct Bottles	Y N NA	
Sufficient Volume	Y N NA	
Samples Received on Ice	Y N NA	
VOA - Headspace Acceptable	Y N NA	
USDA Regulated Soils	Y N NA	
Samples in Holding Time	Y N NA	
Residual Chlorine Present	Y N NA	
Cl Strips: _____		
Sample pH Acceptable	Y N NA	
pH Strips: _____		
Sulfide Present	Y N NA	
Lead Acetate Strips: _____		

LAB USE ONLY:
Lab Sample # / Comments:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
MW-38	GW	G	9/18/23	1046				3	001
MW-55			9/18/23	1121					002
MW-37			9/18/23	1154					003
MW-36D			9/18/23	1224					004 003
MW-36			9/18/23	1255					005 004
MW-26			9/18/23	1334					006 005
MW-25R			9/18/23	1404					007 006
MW-46			9/18/23	1449					008 007
MW-47			9/18/23	1518					009 008
MW-44			9/18/23	1555					010 009

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 7

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

SHORT HOLDS PRESENT (<72 hours): Y N N/A 9/21/23 SG

Lab Tracking #: 2909175

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature) Kaelyn Sperle/KPRG	Date/Time: 9/20/23/1730	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 9/21/23 0900	Received by/Company: (Signature)	Date/Time: 9/21/23 0900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: 0
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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

40268402

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG and Associates	Billing Information: same
Address: 14665 W Lisbon Rd, Ste 1A, Brookfield, WI 53005	
Report To: Rich Gnat	Email To:
Copy To: kaelyns@kprginc.com	Site Collection Info/Address: 1401 Perkins Ave.
Customer Project Name/Number: Navistar/11717	State: WI County/City: Waukesha Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: 262-781-0475 Email:	Site/Facility ID #:
Collected By (print): Kaelyn Sperle	Purchase Order #: Quote #:
Collected By (signature): Kaelyn Sperle	Turnaround Date Required: Standard
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #: DW Location Code:
	Immediately Packed on Ice: [X] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [X] No Analysis: _____

Container Preservative Type **: 3

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: CVOCs	Lab Profile/Line
MW-35	GW	G	9/19/23	0915				3	X	010
MW-40			9/19/23	0947						011
MW-48			9/19/23	1058						012
MW-41			9/19/23	1135						013
MW-42			9/19/23	1211						014
MW-50			9/19/23	1246						015
MW-51			9/19/23	1313						016
MW-52			9/19/23	1417						017
MW-54			9/19/23	1457						018
MW-53			9/19/23	1542						019

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: D

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

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

Lab Tracking #: 2909172

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature) Kaelyn Sperle KPRG	Date/Time: 9/20/23/1730	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) 9/21/23	Date/Time: 9/21/23 0900	Received by/Company: (Signature)	Date/Time: 9/21/23 0900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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

40268402

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG and Associates	Billing Information: same
Address: 14665 W. Lisbon Rd, Ste 1A, Brookfield, WI 53005	
Report To: Rich Gnat	Email To:
Copy To: kaelyns@kprginc.com	Site Collection Info/Address: 1401 Perkins Ave
Customer Project Name/Number: Navistar / 11717	State: WI County/City: Waukesha Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: 262-781-0475 Email:	Site/Facility ID #:
Collected By (print): Kaelyn Sperle	Purchase Order #: Quote #:
Collected By (signature): Kaelyn Sperle	Turnaround Date Required: Standard
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No	
DW PWS ID #: DW Location Code:	
Immediately Packed on Ice: [X] Yes [ ] No	
Field Filtered (if applicable): [ ] Yes [X] No Analysis: _____	

Container Preservative Type **: 3

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: CVOCs	Lab Profile/Line:
MW-49	GW	G	9/20/23	0957				3	X	020
MW-27	GW	G	9/20/23	1045				3	X	021
MW-39	GW	G	9/20/23	1113				3	X	022
MW-56D	GW	G	9/20/23	1146				3	X	023
MW-56	GW	G	9/20/23	1217				3	X	024
NMW-3R	GW	G	9/20/23	1252				3	X	025
MW-45	GW	G	9/20/23	1318				3	X	026
MW-29	GW	G	9/20/23	1347				3	X	027
MW-29D	GW	G	9/20/23	1413				3	X	028
MW-34	GW	G	9/20/23	1451				3	X	029

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 0

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

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

Lab Tracking #: 2909174

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kaelyn Sperle/KPRG	9/20/23/1730		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CS Logistics	9/21/23 0900	[signature]	9/21/23 0900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #: 0
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40268402

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG and Associates	Billing Information: same
Address: 14616 W. Lisbon Rd, Ste 1A, Brookfield, WI 53005	
Report To: Rich Gnat	Email To:
Copy To: kaelyns@kprginc.com	Site Collection Info/Address: 1401 Perkins Ave
Customer Project Name/Number: Navistar / 11717	State: WI County/City: Waukesha Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: 262-781-0475 Email:	Site/Facility ID #:
Collected By (print): Kaelyn Sperle	Purchase Order #: Quote #:
Collected By (signature): Kaelyn Sperle	Turnaround Date Required: Standard
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

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

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

Analysis: _____

Container Preservative Type **: 3

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: CVOCs	Lab Profile/Line:
Duplicate 1	GW	G	9/18/23	—				3	X	030
Duplicate 2	↓	↓	9/19/23	—				3	↓	031
Trip Blank	—	—	—					2	X	032
Temp Blank								1		
MW-33	GW	G	9/20/23	1526				3	X	033

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 1

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

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

Lab Tracking #: 2909173

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kaelyn Sperle/KPRG	9/20/23/1730		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
CS Logistics	9/21/23 0900	Pace	9/21/23 0900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: 1
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Client Name: KPRG

Sample Preservation Receipt Form

Project # 402688402

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

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

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	Initial when completed: H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	Date/Time: pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																	W																	2.5 / 5
002																	W																	2.5 / 5
003																	W																	2.5 / 5
004																	W											1						2.5 / 5
005																	W																	2.5 / 5
006																	W																	2.5 / 5
007																	W																	2.5 / 5
008																	W																	2.5 / 5
009																	W																	2.5 / 5
010																	W																	2.5 / 5
011																	W											1						2.5 / 5
012																	W																	2.5 / 5
013																	W																	2.5 / 5
014																	W																	2.5 / 5
015																	W																	2.5 / 5
016																	W																	2.5 / 5
017																	W																	2.5 / 5
018																	W																	2.5 / 5
019																	W																	2.5 / 5
020																	W																	2.5 / 5

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	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres		
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres		
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres		
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres		
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate		
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag		
BG3U	250 mL clear glass unpres					GN 1			
						GN 2			

Page 1 of 3

Client Name: KPRG

Sample Preservation Receipt Form

Project #: 40268402

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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
021																	3																2.5 / 5
022																	3																2.5 / 5
023																	3																2.5 / 5
024																	3																2.5 / 5
025																	3																2.5 / 5
026																	3																2.5 / 5
027																	3																2.5 / 5
028																	3																2.5 / 5
029																	3																2.5 / 5
030																	3																2.5 / 5
031																	3																2.5 / 5
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039																																	2.5 / 5
040																																	2.5 / 5
041																																	2.5 / 5
042																																	2.5 / 5
043																																	2.5 / 5
044																																	2.5 / 5
045																																	2.5 / 5
046																																	2.5 / 5
047																																	2.5 / 5
048																																	2.5 / 5

9/21/23 86

Page 2 of 3

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40268402

40268402

Client Name: KPRG

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

Tracking #: _____

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

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

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

Thermometer Used SR - 109 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

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

Person examining contents:
Date: 9/21/23 Initials: SG

Labeled By Initials: SG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
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.
- DI 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.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☐Yes ☑No	10. MW-37 3/3 vials broken, MW-41 2/3 vials broken 9/21/2338
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 506		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 3 of 3

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

October 04, 2023

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

RE: Project: 11717 NAVISTAR
Pace Project No.: 40268635

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Patrick Allenstein, KPRG and Associates, Inc.
Jack Misner, KPRG AND ASSOCIATES, INC.
Kaelyn Sperle, KPRG and Associates, Inc.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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CERTIFICATIONS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

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.: 40268635

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40268635001	**MW-43**	Water	09/22/23 10:39	09/26/23 10:00
40268635002	**MW-23**	Water	09/22/23 11:09	09/26/23 10:00
40268635003	**MW-30**	Water	09/22/23 11:37	09/26/23 10:00
40268635004	**NMW-8R**	Water	09/22/23 12:19	09/26/23 10:00
40268635005	**NMW-7**	Water	09/22/23 13:24	09/26/23 10:00
40268635006	**MW-31**	Water	09/22/23 13:52	09/26/23 10:00
40268635007	**NMW-4**	Water	09/22/23 14:26	09/26/23 10:00
40268635008	**MW-37**	Water	09/25/23 10:15	09/26/23 10:00
40268635009	**MW-41**	Water	09/25/23 11:40	09/26/23 10:00
40268635010	**CREEK-DOWNSTREAM**	Water	09/25/23 10:35	09/26/23 10:00
40268635011	**MW-9D2**	Water	09/21/23 10:17	09/26/23 10:00
40268635012	**NMW-9**	Water	09/21/23 10:44	09/26/23 10:00
40268635013	**MW-9D**	Water	09/21/23 11:16	09/26/23 10:00
40268635014	**MW-15**	Water	09/21/23 12:04	09/26/23 10:00
40268635015	**MW-13**	Water	09/21/23 12:34	09/26/23 10:00
40268635016	**MW-11**	Water	09/21/23 14:16	09/26/23 10:00
40268635017	**MW-24D**	Water	09/21/23 14:46	09/26/23 10:00
40268635018	**MW-24**	Water	09/21/23 15:26	09/26/23 10:00
40268635019	**NMW-1**	Water	09/21/23 15:59	09/26/23 10:00
40268635020	**MW-28**	Water	09/21/23 10:04	09/26/23 10:00
40268635021	**HOBO SPRING**	Water	09/25/23 10:30	09/26/23 10:00
40268635022	**CREEK-UPSTREAM**	Water	09/25/23 12:00	09/26/23 10:00
40268635023	**DUPLICATE3**	Water	09/21/23 00:00	09/26/23 10:00
40268635024	**TRIP BLANK**	Water	09/21/23 00:00	09/26/23 10:00

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40268635001	**MW-43**	EPA 8260	CXJ	13	PASI-G
40268635002	**MW-23**	EPA 8260	CXJ	13	PASI-G
40268635003	**MW-30**	EPA 8260	CXJ	13	PASI-G
40268635004	**NMW-8R**	EPA 8260	CXJ	13	PASI-G
40268635005	**NMW-7**	EPA 8260	CXJ	13	PASI-G
40268635006	**MW-31**	EPA 8260	CXJ	13	PASI-G
40268635007	**NMW-4**	EPA 8260	CXJ	13	PASI-G
40268635008	**MW-37**	EPA 8260	CXJ	13	PASI-G
40268635009	**MW-41**	EPA 8260	CXJ	13	PASI-G
40268635010	**CREEK-DOWNSTREAM**	EPA 8260	CXJ	13	PASI-G
40268635011	**MW-9D2**	EPA 8260	CXJ	13	PASI-G
40268635012	**NMW-9**	EPA 8260	CXJ	13	PASI-G
40268635013	**MW-9D**	EPA 8260	CXJ	13	PASI-G
40268635014	**MW-15**	EPA 8260	CXJ	13	PASI-G
40268635015	**MW-13**	EPA 8260	CXJ	13	PASI-G
40268635016	**MW-11**	EPA 8260	CXJ	13	PASI-G
40268635017	**MW-24D**	EPA 8260	CXJ	13	PASI-G
40268635018	**MW-24**	EPA 8260	CXJ	13	PASI-G
40268635019	**NMW-1**	EPA 8260	CXJ	13	PASI-G
40268635020	**MW-28**	EPA 8260	CXJ	13	PASI-G
40268635021	**HOBO SPRING**	EPA 8260	EIB	13	PASI-G
40268635022	**CREEK-UPSTREAM**	EPA 8260	EIB	13	PASI-G
40268635023	**DUPLICATE3**	EPA 8260	EIB	13	PASI-G
40268635024	**TRIP BLANK**	EPA 8260	EIB	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.: 40268635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268635002	**MW-23**					
EPA 8260	1,1,1-Trichloroethane	0.51J	ug/L	1.0	09/29/23 13:32	
EPA 8260	Trichloroethene	19.2	ug/L	1.0	09/29/23 13:32	
EPA 8260	cis-1,2-Dichloroethene	5.2	ug/L	1.0	09/29/23 13:32	
40268635003	**MW-30**					
EPA 8260	1,1,1-Trichloroethane	186	ug/L	20.0	09/29/23 15:30	
EPA 8260	1,1-Dichloroethane	129	ug/L	20.0	09/29/23 15:30	
EPA 8260	1,1-Dichloroethene	30.4	ug/L	20.0	09/29/23 15:30	
EPA 8260	Trichloroethene	3290	ug/L	20.0	09/29/23 15:30	
EPA 8260	cis-1,2-Dichloroethene	34.4	ug/L	20.0	09/29/23 15:30	
40268635004	**NMW-8R**					
EPA 8260	1,1,1-Trichloroethane	28.4	ug/L	1.0	10/02/23 12:18	
EPA 8260	1,1-Dichloroethane	6.4	ug/L	1.0	10/02/23 12:18	
EPA 8260	Trichloroethene	55.5	ug/L	1.0	10/02/23 12:18	
EPA 8260	cis-1,2-Dichloroethene	0.61J	ug/L	1.0	10/02/23 12:18	
40268635005	**NMW-7**					
EPA 8260	1,1,1-Trichloroethane	23.4	ug/L	1.0	09/29/23 13:51	
EPA 8260	1,1-Dichloroethane	7.0	ug/L	1.0	09/29/23 13:51	
EPA 8260	1,1-Dichloroethene	2.8	ug/L	1.0	09/29/23 13:51	
EPA 8260	Trichloroethene	186	ug/L	1.0	09/29/23 13:51	
EPA 8260	Vinyl chloride	0.93J	ug/L	1.0	09/29/23 13:51	
EPA 8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	09/29/23 13:51	
40268635006	**MW-31**					
EPA 8260	Trichloroethene	0.68J	ug/L	1.0	09/29/23 12:13	
40268635008	**MW-37**					
EPA 8260	1,1,1-Trichloroethane	23.4	ug/L	2.0	09/29/23 17:48	
EPA 8260	1,1-Dichloroethane	8.9	ug/L	2.0	09/29/23 17:48	
EPA 8260	1,1-Dichloroethene	1.8J	ug/L	2.0	09/29/23 17:48	
EPA 8260	Trichloroethene	164	ug/L	2.0	09/29/23 17:48	
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	2.0	09/29/23 17:48	
40268635009	**MW-41**					
EPA 8260	1,1,1-Trichloroethane	36.8	ug/L	2.0	09/29/23 18:07	
EPA 8260	1,1-Dichloroethane	10.1	ug/L	2.0	09/29/23 18:07	
EPA 8260	1,1-Dichloroethene	3.6	ug/L	2.0	09/29/23 18:07	
EPA 8260	Trichloroethene	222	ug/L	2.0	09/29/23 18:07	
EPA 8260	cis-1,2-Dichloroethene	2.3	ug/L	2.0	09/29/23 18:07	
40268635010	**CREEK-DOWNSTREAM**					
EPA 8260	1,1,1-Trichloroethane	0.49J	ug/L	1.0	09/29/23 11:53	
EPA 8260	Trichloroethene	4.7	ug/L	1.0	09/29/23 11:53	
40268635011	**MW-9D2**					
EPA 8260	Trichloroethene	8.6	ug/L	1.0	09/29/23 14:11	
EPA 8260	cis-1,2-Dichloroethene	5.4	ug/L	1.0	09/29/23 14:11	

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.: 40268635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268635012	**NMW-9**					
EPA 8260	1,1,1-Trichloroethane	25.5	ug/L	5.0	09/29/23 16:09	
EPA 8260	1,1-Dichloroethane	15.6	ug/L	5.0	09/29/23 16:09	
EPA 8260	Trichloroethene	575	ug/L	5.0	09/29/23 16:09	
EPA 8260	cis-1,2-Dichloroethene	13.8	ug/L	5.0	09/29/23 16:09	
40268635013	**MW-9D**					
EPA 8260	1,1,1-Trichloroethane	1.7	ug/L	1.0	09/29/23 14:31	
EPA 8260	1,1-Dichloroethane	2.2	ug/L	1.0	09/29/23 14:31	
EPA 8260	1,1-Dichloroethene	1.0	ug/L	1.0	09/29/23 14:31	
EPA 8260	Trichloroethene	72.0	ug/L	1.0	09/29/23 14:31	
EPA 8260	cis-1,2-Dichloroethene	8.9	ug/L	1.0	09/29/23 14:31	
40268635014	**MW-15**					
EPA 8260	1,1,1-Trichloroethane	30.0	ug/L	10.0	09/29/23 15:49	
EPA 8260	1,1-Dichloroethane	18.4	ug/L	10.0	09/29/23 15:49	
EPA 8260	1,1-Dichloroethene	9.0J	ug/L	10.0	09/29/23 15:49	
EPA 8260	Trichloroethene	602	ug/L	10.0	09/29/23 15:49	
EPA 8260	cis-1,2-Dichloroethene	14.1	ug/L	10.0	09/29/23 15:49	
40268635015	**MW-13**					
EPA 8260	1,1,1-Trichloroethane	11.4	ug/L	5.0	09/29/23 16:29	
EPA 8260	1,1-Dichloroethane	11.9	ug/L	5.0	09/29/23 16:29	
EPA 8260	Trichloroethene	407	ug/L	5.0	09/29/23 16:29	
EPA 8260	cis-1,2-Dichloroethene	21.8	ug/L	5.0	09/29/23 16:29	
40268635016	**MW-11**					
EPA 8260	1,1,1-Trichloroethane	2.3	ug/L	1.0	09/29/23 14:50	
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	09/29/23 14:50	
EPA 8260	Trichloroethene	68.7	ug/L	1.0	09/29/23 14:50	
EPA 8260	cis-1,2-Dichloroethene	7.4	ug/L	1.0	09/29/23 14:50	
40268635017	**MW-24D**					
EPA 8260	Trichloroethene	0.59J	ug/L	1.0	09/29/23 15:10	
EPA 8260	cis-1,2-Dichloroethene	0.60J	ug/L	1.0	09/29/23 15:10	
40268635018	**MW-24**					
EPA 8260	1,1,1-Trichloroethane	38.3	ug/L	2.5	09/29/23 17:28	
EPA 8260	1,1-Dichloroethane	27.4	ug/L	2.5	09/29/23 17:28	
EPA 8260	Trichloroethene	596	ug/L	2.5	09/29/23 17:28	
EPA 8260	cis-1,2-Dichloroethene	27.8	ug/L	2.5	09/29/23 17:28	
EPA 8260	trans-1,2-Dichloroethene	3.0	ug/L	2.5	09/29/23 17:28	
40268635019	**NMW-1**					
EPA 8260	1,1,1-Trichloroethane	85.3	ug/L	4.0	09/29/23 17:08	
EPA 8260	1,1-Dichloroethane	25.6	ug/L	4.0	09/29/23 17:08	
EPA 8260	1,1-Dichloroethene	9.3	ug/L	4.0	09/29/23 17:08	
EPA 8260	Trichloroethene	496	ug/L	4.0	09/29/23 17:08	
EPA 8260	cis-1,2-Dichloroethene	4.1	ug/L	4.0	09/29/23 17:08	

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.: 40268635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40268635020	**MW-28**					
EPA 8260	Tetrachloroethene	0.63J	ug/L	1.0	09/29/23 12:52	
EPA 8260	Trichloroethene	1.7	ug/L	1.0	09/29/23 12:52	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	09/29/23 12:52	
40268635021	**HOBO SPRING**					
EPA 8260	1,1,1-Trichloroethane	15.5	ug/L	1.0	09/28/23 17:24	
EPA 8260	1,1-Dichloroethane	7.4	ug/L	1.0	09/28/23 17:24	
EPA 8260	1,1-Dichloroethene	0.92J	ug/L	1.0	09/28/23 17:24	
EPA 8260	Trichloroethene	113	ug/L	1.0	09/28/23 17:24	
EPA 8260	cis-1,2-Dichloroethene	4.4	ug/L	1.0	09/28/23 17:24	
EPA 8260	trans-1,2-Dichloroethene	0.54J	ug/L	1.0	09/28/23 17:24	
40268635022	**CREEK-UPSTREAM**					
EPA 8260	1,1,1-Trichloroethane	0.49J	ug/L	1.0	09/28/23 12:59	
EPA 8260	Trichloroethene	3.1	ug/L	1.0	09/28/23 12:59	
40268635023	**DUPLICATE3**					
EPA 8260	Tetrachloroethene	0.58J	ug/L	1.0	09/28/23 14:36	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	09/28/23 14:36	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	09/28/23 14:36	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-43 **Lab ID: 40268635001** Collected: 09/22/23 10:39 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 13:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 13:12	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 13:12	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 13:12	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 13:12	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 13:12	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/29/23 13:12	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 13:12	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/29/23 13:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 13:12	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/29/23 13:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 13:12	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/29/23 13:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-23 **Lab ID: 40268635002** Collected: 09/22/23 11:09 Received: 09/26/23 10:00 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	**0.51J**	ug/L	1.0	0.30	1		09/29/23 13:32	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 13:32	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 13:32	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 13:32	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 13:32	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 13:32	127-18-4	
Trichloroethene	**19.2**	ug/L	1.0	0.32	1		09/29/23 13:32	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 13:32	75-01-4	
cis-1,2-Dichloroethene	**5.2**	ug/L	1.0	0.47	1		09/29/23 13:32	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 13:32	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/29/23 13:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 13:32	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/29/23 13:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-30 **Lab ID: 40268635003** Collected: 09/22/23 11:37 Received: 09/26/23 10:00 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	**186**	ug/L	20.0	6.1	20		09/29/23 15:30	71-55-6	
1,1,2-Trichloroethane	**<6.9**	ug/L	20.0	6.9	20		09/29/23 15:30	79-00-5	
1,1-Dichloroethane	**129**	ug/L	20.0	5.9	20		09/29/23 15:30	75-34-3	
1,1-Dichloroethene	**30.4**	ug/L	20.0	11.6	20		09/29/23 15:30	75-35-4	
1,2-Dichloroethane	**<5.8**	ug/L	20.0	5.8	20		09/29/23 15:30	107-06-2	
Tetrachloroethene	**<8.2**	ug/L	20.0	8.2	20		09/29/23 15:30	127-18-4	
Trichloroethene	**3290**	ug/L	20.0	6.4	20		09/29/23 15:30	79-01-6	
Vinyl chloride	**<3.5**	ug/L	20.0	3.5	20		09/29/23 15:30	75-01-4	
cis-1,2-Dichloroethene	**34.4**	ug/L	20.0	9.4	20		09/29/23 15:30	156-59-2	
trans-1,2-Dichloroethene	**<10.6**	ug/L	20.0	10.6	20		09/29/23 15:30	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		20		09/29/23 15:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		20		09/29/23 15:30	2199-69-1	
Toluene-d8 (S)	99	%	70-130		20		09/29/23 15:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: NMW-8R **Lab ID: 40268635004** Collected: 09/22/23 12:19 Received: 09/26/23 10:00 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	**28.4**	ug/L	1.0	0.30	1		10/02/23 12:18	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/02/23 12:18	79-00-5	
1,1-Dichloroethane	**6.4**	ug/L	1.0	0.30	1		10/02/23 12:18	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/02/23 12:18	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/02/23 12:18	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/02/23 12:18	127-18-4	
Trichloroethene	**55.5**	ug/L	1.0	0.32	1		10/02/23 12:18	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/02/23 12:18	75-01-4	
cis-1,2-Dichloroethene	**0.61J**	ug/L	1.0	0.47	1		10/02/23 12:18	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/02/23 12:18	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/23 12:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/02/23 12:18	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/02/23 12:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: NMW-7 **Lab ID: 40268635005** Collected: 09/22/23 13:24 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**23.4**	ug/L	1.0	0.30	1		09/29/23 13:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 13:51	79-00-5	
1,1-Dichloroethane	**7.0**	ug/L	1.0	0.30	1		09/29/23 13:51	75-34-3	
1,1-Dichloroethene	**2.8**	ug/L	1.0	0.58	1		09/29/23 13:51	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 13:51	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 13:51	127-18-4	
Trichloroethene	**186**	ug/L	1.0	0.32	1		09/29/23 13:51	79-01-6	
Vinyl chloride	**0.93J**	ug/L	1.0	0.17	1		09/29/23 13:51	75-01-4	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	0.47	1		09/29/23 13:51	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 13:51	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/29/23 13:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		09/29/23 13:51	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/29/23 13:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-31 **Lab ID: 40268635006** Collected: 09/22/23 13:52 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:13	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 12:13	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:13	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 12:13	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 12:13	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 12:13	127-18-4	
Trichloroethene	**0.68J**	ug/L	1.0	0.32	1		09/29/23 12:13	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 12:13	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/29/23 12:13	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 12:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/29/23 12:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/29/23 12:13	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		09/29/23 12:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: NMW-4 **Lab ID: 40268635007** Collected: 09/22/23 14:26 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 12:33	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:33	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 12:33	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 12:33	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 12:33	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/29/23 12:33	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 12:33	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/29/23 12:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 12:33	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/29/23 12:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 12:33	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/29/23 12:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-37 **Lab ID: 40268635008** Collected: 09/25/23 10:15 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**23.4**	ug/L	2.0	0.61	2		09/29/23 17:48	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		09/29/23 17:48	79-00-5	
1,1-Dichloroethane	**8.9**	ug/L	2.0	0.59	2		09/29/23 17:48	75-34-3	
1,1-Dichloroethene	**1.8J**	ug/L	2.0	1.2	2		09/29/23 17:48	75-35-4	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		09/29/23 17:48	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		09/29/23 17:48	127-18-4	
Trichloroethene	**164**	ug/L	2.0	0.64	2		09/29/23 17:48	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		09/29/23 17:48	75-01-4	
cis-1,2-Dichloroethene	**3.7**	ug/L	2.0	0.94	2		09/29/23 17:48	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		09/29/23 17:48	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		2		09/29/23 17:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		2		09/29/23 17:48	2199-69-1	
Toluene-d8 (S)	99	%	70-130		2		09/29/23 17:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-41 **Lab ID: 40268635009** Collected: 09/25/23 11:40 Received: 09/26/23 10:00 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	**36.8**	ug/L	2.0	0.61	2		09/29/23 18:07	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		09/29/23 18:07	79-00-5	
1,1-Dichloroethane	**10.1**	ug/L	2.0	0.59	2		09/29/23 18:07	75-34-3	
1,1-Dichloroethene	**3.6**	ug/L	2.0	1.2	2		09/29/23 18:07	75-35-4	
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		09/29/23 18:07	107-06-2	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		09/29/23 18:07	127-18-4	
Trichloroethene	**222**	ug/L	2.0	0.64	2		09/29/23 18:07	79-01-6	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		09/29/23 18:07	75-01-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	2.0	0.94	2		09/29/23 18:07	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		09/29/23 18:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		09/29/23 18:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		2		09/29/23 18:07	2199-69-1	
Toluene-d8 (S)	99	%	70-130		2		09/29/23 18:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: CREEK-DOWNSTREAM **Lab ID: 40268635010** Collected: 09/25/23 10:35 Received: 09/26/23 10:00 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	**0.49J**	ug/L	1.0	0.30	1		09/29/23 11:53	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 11:53	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 11:53	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 11:53	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 11:53	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 11:53	127-18-4	
Trichloroethene	**4.7**	ug/L	1.0	0.32	1		09/29/23 11:53	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 11:53	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/29/23 11:53	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 11:53	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		09/29/23 11:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/29/23 11:53	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		09/29/23 11:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-9D2 **Lab ID: 40268635011** Collected: 09/21/23 10:17 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 14:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 14:11	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 14:11	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 14:11	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 14:11	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 14:11	127-18-4	
Trichloroethene	**8.6**	ug/L	1.0	0.32	1		09/29/23 14:11	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 14:11	75-01-4	
cis-1,2-Dichloroethene	**5.4**	ug/L	1.0	0.47	1		09/29/23 14:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 14:11	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		09/29/23 14:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 14:11	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/29/23 14:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: NMW-9 **Lab ID: 40268635012** Collected: 09/21/23 10:44 Received: 09/26/23 10:00 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	**25.5**	ug/L	5.0	1.5	5		09/29/23 16:09	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	5.0	1.7	5		09/29/23 16:09	79-00-5	
1,1-Dichloroethane	**15.6**	ug/L	5.0	1.5	5		09/29/23 16:09	75-34-3	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		09/29/23 16:09	75-35-4	
1,2-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		09/29/23 16:09	107-06-2	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		09/29/23 16:09	127-18-4	
Trichloroethene	**575**	ug/L	5.0	1.6	5		09/29/23 16:09	79-01-6	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		09/29/23 16:09	75-01-4	
cis-1,2-Dichloroethene	**13.8**	ug/L	5.0	2.4	5		09/29/23 16:09	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	5.0	2.6	5		09/29/23 16:09	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		5		09/29/23 16:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		5		09/29/23 16:09	2199-69-1	
Toluene-d8 (S)	99	%	70-130		5		09/29/23 16:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-9D **Lab ID: 40268635013** Collected: 09/21/23 11:16 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**1.7**	ug/L	1.0	0.30	1		09/29/23 14:31	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 14:31	79-00-5	
1,1-Dichloroethane	**2.2**	ug/L	1.0	0.30	1		09/29/23 14:31	75-34-3	
1,1-Dichloroethene	**1.0**	ug/L	1.0	0.58	1		09/29/23 14:31	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 14:31	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 14:31	127-18-4	
Trichloroethene	**72.0**	ug/L	1.0	0.32	1		09/29/23 14:31	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 14:31	75-01-4	
cis-1,2-Dichloroethene	**8.9**	ug/L	1.0	0.47	1		09/29/23 14:31	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 14:31	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/29/23 14:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 14:31	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		09/29/23 14:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-15 **Lab ID: 40268635014** Collected: 09/21/23 12:04 Received: 09/26/23 10:00 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	**30.0**	ug/L	10.0	3.0	10		09/29/23 15:49	71-55-6	
1,1,2-Trichloroethane	**<3.4**	ug/L	10.0	3.4	10		09/29/23 15:49	79-00-5	
1,1-Dichloroethane	**18.4**	ug/L	10.0	3.0	10		09/29/23 15:49	75-34-3	
1,1-Dichloroethene	**9.0J**	ug/L	10.0	5.8	10		09/29/23 15:49	75-35-4	
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		09/29/23 15:49	107-06-2	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		09/29/23 15:49	127-18-4	
Trichloroethene	**602**	ug/L	10.0	3.2	10		09/29/23 15:49	79-01-6	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		09/29/23 15:49	75-01-4	
cis-1,2-Dichloroethene	**14.1**	ug/L	10.0	4.7	10		09/29/23 15:49	156-59-2	
trans-1,2-Dichloroethene	**<5.3**	ug/L	10.0	5.3	10		09/29/23 15:49	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		10		09/29/23 15:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		10		09/29/23 15:49	2199-69-1	
Toluene-d8 (S)	100	%	70-130		10		09/29/23 15:49	2037-26-5	HS

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-13 **Lab ID: 40268635015** Collected: 09/21/23 12:34 Received: 09/26/23 10:00 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	**11.4**	ug/L	5.0	1.5	5		09/29/23 16:29	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	5.0	1.7	5		09/29/23 16:29	79-00-5	
1,1-Dichloroethane	**11.9**	ug/L	5.0	1.5	5		09/29/23 16:29	75-34-3	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		09/29/23 16:29	75-35-4	
1,2-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		09/29/23 16:29	107-06-2	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		09/29/23 16:29	127-18-4	
Trichloroethene	**407**	ug/L	5.0	1.6	5		09/29/23 16:29	79-01-6	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		09/29/23 16:29	75-01-4	
cis-1,2-Dichloroethene	**21.8**	ug/L	5.0	2.4	5		09/29/23 16:29	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	5.0	2.6	5		09/29/23 16:29	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		5		09/29/23 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		5		09/29/23 16:29	2199-69-1	
Toluene-d8 (S)	99	%	70-130		5		09/29/23 16:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-11 **Lab ID: 40268635016** Collected: 09/21/23 14:16 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**2.3**	ug/L	1.0	0.30	1		09/29/23 14:50	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 14:50	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.30	1		09/29/23 14:50	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 14:50	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 14:50	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 14:50	127-18-4	
Trichloroethene	**68.7**	ug/L	1.0	0.32	1		09/29/23 14:50	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 14:50	75-01-4	
cis-1,2-Dichloroethene	**7.4**	ug/L	1.0	0.47	1		09/29/23 14:50	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 14:50	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		09/29/23 14:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		09/29/23 14:50	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/29/23 14:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-24D **Lab ID: 40268635017** Collected: 09/21/23 14:46 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 15:10	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 15:10	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 15:10	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 15:10	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 15:10	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/29/23 15:10	127-18-4	
Trichloroethene	**0.59J**	ug/L	1.0	0.32	1		09/29/23 15:10	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 15:10	75-01-4	
cis-1,2-Dichloroethene	**0.60J**	ug/L	1.0	0.47	1		09/29/23 15:10	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 15:10	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/29/23 15:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		09/29/23 15:10	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/29/23 15:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-24 **Lab ID: 40268635018** Collected: 09/21/23 15:26 Received: 09/26/23 10:00 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	**38.3**	ug/L	2.5	0.76	2.5		09/29/23 17:28	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/L	2.5	0.86	2.5		09/29/23 17:28	79-00-5	
1,1-Dichloroethane	**27.4**	ug/L	2.5	0.74	2.5		09/29/23 17:28	75-34-3	
1,1-Dichloroethene	**<1.5**	ug/L	2.5	1.5	2.5		09/29/23 17:28	75-35-4	
1,2-Dichloroethane	**<0.73**	ug/L	2.5	0.73	2.5		09/29/23 17:28	107-06-2	
Tetrachloroethene	**<1.0**	ug/L	2.5	1.0	2.5		09/29/23 17:28	127-18-4	
Trichloroethene	**596**	ug/L	2.5	0.80	2.5		09/29/23 17:28	79-01-6	
Vinyl chloride	**<0.44**	ug/L	2.5	0.44	2.5		09/29/23 17:28	75-01-4	
cis-1,2-Dichloroethene	**27.8**	ug/L	2.5	1.2	2.5		09/29/23 17:28	156-59-2	
trans-1,2-Dichloroethene	**3.0**	ug/L	2.5	1.3	2.5		09/29/23 17:28	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2.5		09/29/23 17:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		2.5		09/29/23 17:28	2199-69-1	
Toluene-d8 (S)	99	%	70-130		2.5		09/29/23 17:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: NMW-1 **Lab ID: 40268635019** Collected: 09/21/23 15:59 Received: 09/26/23 10:00 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	**85.3**	ug/L	4.0	1.2	4		09/29/23 17:08	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	4.0	1.4	4		09/29/23 17:08	79-00-5	
1,1-Dichloroethane	**25.6**	ug/L	4.0	1.2	4		09/29/23 17:08	75-34-3	
1,1-Dichloroethene	**9.3**	ug/L	4.0	2.3	4		09/29/23 17:08	75-35-4	
1,2-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		09/29/23 17:08	107-06-2	
Tetrachloroethene	**<1.6**	ug/L	4.0	1.6	4		09/29/23 17:08	127-18-4	
Trichloroethene	**496**	ug/L	4.0	1.3	4		09/29/23 17:08	79-01-6	
Vinyl chloride	**<0.70**	ug/L	4.0	0.70	4		09/29/23 17:08	75-01-4	
cis-1,2-Dichloroethene	**4.1**	ug/L	4.0	1.9	4		09/29/23 17:08	156-59-2	
trans-1,2-Dichloroethene	**<2.1**	ug/L	4.0	2.1	4		09/29/23 17:08	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		4		09/29/23 17:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		4		09/29/23 17:08	2199-69-1	
Toluene-d8 (S)	99	%	70-130		4		09/29/23 17:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: MW-28 **Lab ID: 40268635020** Collected: 09/21/23 10:04 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:52	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/29/23 12:52	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/29/23 12:52	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/29/23 12:52	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/29/23 12:52	107-06-2	
Tetrachloroethene	**0.63J**	ug/L	1.0	0.41	1		09/29/23 12:52	127-18-4	
Trichloroethene	**1.7**	ug/L	1.0	0.32	1		09/29/23 12:52	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/29/23 12:52	75-01-4	
cis-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.47	1		09/29/23 12:52	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/29/23 12:52	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/29/23 12:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/29/23 12:52	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		09/29/23 12:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: HOBO SPRING **Lab ID: 40268635021** Collected: 09/25/23 10:30 Received: 09/26/23 10:00 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	**15.5**	ug/L	1.0	0.30	1		09/28/23 17:24	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/28/23 17:24	79-00-5	
1,1-Dichloroethane	**7.4**	ug/L	1.0	0.30	1		09/28/23 17:24	75-34-3	
1,1-Dichloroethene	**0.92J**	ug/L	1.0	0.58	1		09/28/23 17:24	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/28/23 17:24	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/28/23 17:24	127-18-4	
Trichloroethene	**113**	ug/L	1.0	0.32	1		09/28/23 17:24	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/28/23 17:24	75-01-4	
cis-1,2-Dichloroethene	**4.4**	ug/L	1.0	0.47	1		09/28/23 17:24	156-59-2	
trans-1,2-Dichloroethene	**0.54J**	ug/L	1.0	0.53	1		09/28/23 17:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/28/23 17:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/28/23 17:24	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/28/23 17:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: CREEK-UPSTREAM **Lab ID: 40268635022** Collected: 09/25/23 12:00 Received: 09/26/23 10:00 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	**0.49J**	ug/L	1.0	0.30	1		09/28/23 12:59	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/28/23 12:59	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/28/23 12:59	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/28/23 12:59	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/28/23 12:59	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/28/23 12:59	127-18-4	
Trichloroethene	**3.1**	ug/L	1.0	0.32	1		09/28/23 12:59	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/28/23 12:59	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/28/23 12:59	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/28/23 12:59	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		09/28/23 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		09/28/23 12:59	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		09/28/23 12:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: DUPLICATE3 **Lab ID: 40268635023** Collected: 09/21/23 00:00 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/28/23 14:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/28/23 14:36	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/28/23 14:36	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/28/23 14:36	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/28/23 14:36	107-06-2	
Tetrachloroethene	**0.58J**	ug/L	1.0	0.41	1		09/28/23 14:36	127-18-4	
Trichloroethene	**1.8**	ug/L	1.0	0.32	1		09/28/23 14:36	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/28/23 14:36	75-01-4	
cis-1,2-Dichloroethene	**2.6**	ug/L	1.0	0.47	1		09/28/23 14:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/28/23 14:36	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		09/28/23 14:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		09/28/23 14:36	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		09/28/23 14:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR
Pace Project No.: 40268635

Sample: TRIP BLANK **Lab ID: 40268635024** Collected: 09/21/23 00:00 Received: 09/26/23 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/28/23 12:20	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		09/28/23 12:20	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		09/28/23 12:20	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		09/28/23 12:20	75-35-4	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		09/28/23 12:20	107-06-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		09/28/23 12:20	127-18-4	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		09/28/23 12:20	79-01-6	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		09/28/23 12:20	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		09/28/23 12:20	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		09/28/23 12:20	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		09/28/23 12:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		09/28/23 12:20	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		09/28/23 12:20	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.: 40268635

QC Batch: 455985
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268635001, 40268635002, 40268635003, 40268635004, 40268635005, 40268635006, 40268635007, 40268635008, 40268635009, 40268635010, 40268635011, 40268635012, 40268635013, 40268635014, 40268635015, 40268635016, 40268635017, 40268635018, 40268635019, 40268635020

METHOD BLANK: 2618746
Matrix: Water
Associated Lab Samples: 40268635001, 40268635002, 40268635003, 40268635004, 40268635005, 40268635006, 40268635007, 40268635008, 40268635009, 40268635010, 40268635011, 40268635012, 40268635013, 40268635014, 40268635015, 40268635016, 40268635017, 40268635018, 40268635019, 40268635020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/29/23 08:56	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	09/29/23 08:56	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/29/23 08:56	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/29/23 08:56	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/29/23 08:56	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/29/23 08:56	
Tetrachloroethene	ug/L	<0.41	1.0	09/29/23 08:56	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/29/23 08:56	
Trichloroethene	ug/L	<0.32	1.0	09/29/23 08:56	
Vinyl chloride	ug/L	<0.17	1.0	09/29/23 08:56	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	09/29/23 08:56	
4-Bromofluorobenzene (S)	%	100	70-130	09/29/23 08:56	
Toluene-d8 (S)	%	98	70-130	09/29/23 08:56	

LABORATORY CONTROL SAMPLE: 2618747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.4	107	70-132	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	51.1	102	70-130	
1,1-Dichloroethene	ug/L	50	51.7	103	73-140	
1,2-Dichloroethane	ug/L	50	52.4	105	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.4	101	70-131	
Trichloroethene	ug/L	50	51.8	104	70-130	
Vinyl chloride	ug/L	50	40.6	81	51-145	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	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

QUALITY CONTROL DATA

Project: 11717 NAVISTAR
Pace Project No.: 40268635

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2619587 2619588

Parameter	Units	40268635010 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	0.49J	50	50	55.3	55.4	110	110	70-132	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.9	52.9	108	106	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	51.2	52.0	102	104	70-131	1	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	53.1	53.5	106	107	69-146	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	51.6	51.4	103	103	70-130	0	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.3	52.1	105	104	70-130	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	51.8	53.8	104	108	70-131	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.7	54.1	105	108	70-135	3	20	
Trichloroethene	ug/L	4.7	50	50	58.9	60.3	108	111	70-130	2	20	
Vinyl chloride	ug/L	<0.17	50	50	41.5	41.0	83	82	45-147	1	20	
1,2-Dichlorobenzene-d4 (S)	%						104	100	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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

REPORT OF LABORATORY ANALYSIS

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.: 40268635

QC Batch: 455986
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40268635021, 40268635022, 40268635023, 40268635024

METHOD BLANK: 2618748 Matrix: Water
Associated Lab Samples: 40268635021, 40268635022, 40268635023, 40268635024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	09/28/23 09:44	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	09/28/23 09:44	
1,1-Dichloroethane	ug/L	<0.30	1.0	09/28/23 09:44	
1,1-Dichloroethene	ug/L	<0.58	1.0	09/28/23 09:44	
1,2-Dichloroethane	ug/L	<0.29	1.0	09/28/23 09:44	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/28/23 09:44	
Tetrachloroethene	ug/L	<0.41	1.0	09/28/23 09:44	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/28/23 09:44	
Trichloroethene	ug/L	<0.32	1.0	09/28/23 09:44	
Vinyl chloride	ug/L	<0.17	1.0	09/28/23 09:44	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	09/28/23 09:44	
4-Bromofluorobenzene (S)	%	103	70-130	09/28/23 09:44	
Toluene-d8 (S)	%	98	70-130	09/28/23 09:44	

LABORATORY CONTROL SAMPLE: 2618749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.6	115	70-132	
1,1,2-Trichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethane	ug/L	50	56.5	113	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	73-140	
1,2-Dichloroethane	ug/L	50	52.0	104	70-130	
cis-1,2-Dichloroethene	ug/L	50	54.3	109	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.3	89	70-131	
Trichloroethene	ug/L	50	54.1	108	70-130	
Vinyl chloride	ug/L	50	43.8	88	51-145	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2619010 2619011

Parameter	Units	40268635022 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	0.49J	50	50	60.4	57.4	120	114	70-132	5	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.9	48.2	104	96	70-130	7	20	

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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.: 40268635

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2619010 2619011

Parameter	Units	40268635022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<0.30	50	50	59.6	56.4	119	113	70-131	5	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	48.5	46.5	97	93	69-146	4	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	56.2	53.3	112	107	70-130	5	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	57.9	54.2	116	108	70-130	7	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.2	47.8	100	96	70-131	5	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	47.4	45.0	95	90	70-135	5	20	
Trichloroethene	ug/L	3.1	50	50	59.7	57.3	113	108	70-130	4	20	
Vinyl chloride	ug/L	<0.17	50	50	46.4	43.6	93	87	45-147	6	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						102	101	70-130			
Toluene-d8 (S)	%						99	99	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.: 40268635

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.

DL - Adjusted Method Detection Limit.

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.

ANALYTE QUALIFIERS

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

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.: 40268635

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40268635001	**MW-43**	EPA 8260	455985		
40268635002	**MW-23**	EPA 8260	455985		
40268635003	**MW-30**	EPA 8260	455985		
40268635004	**NMW-8R**	EPA 8260	455985		
40268635005	**NMW-7**	EPA 8260	455985		
40268635006	**MW-31**	EPA 8260	455985		
40268635007	**NMW-4**	EPA 8260	455985		
40268635008	**MW-37**	EPA 8260	455985		
40268635009	**MW-41**	EPA 8260	455985		
40268635010	**CREEK-DOWNSTREAM**	EPA 8260	455985		
40268635011	**MW-9D2**	EPA 8260	455985		
40268635012	**NMW-9**	EPA 8260	455985		
40268635013	**MW-9D**	EPA 8260	455985		
40268635014	**MW-15**	EPA 8260	455985		
40268635015	**MW-13**	EPA 8260	455985		
40268635016	**MW-11**	EPA 8260	455985		
40268635017	**MW-24D**	EPA 8260	455985		
40268635018	**MW-24**	EPA 8260	455985		
40268635019	**NMW-1**	EPA 8260	455985		
40268635020	**MW-28**	EPA 8260	455985		
40268635021	**HOBO SPRING**	EPA 8260	455986		
40268635022	**CREEK-UPSTREAM**	EPA 8260	455986		
40268635023	**DUPLICATE3**	EPA 8260	455986		
40268635024	**TRIP BLANK**	EPA 8260	455986		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

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

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

40268635

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG & Associates

Billing Information: Same

Address: 14665 W. Lisbon Rd, Ste 1A, Brookfield, WI, 53005

Report To: Rich Gnat

Email To:

Copy To: jackm@kprginc.com

Site Collection Info/Address: 1401 Perkins Ave

Customer Project Name/Number: Navistar/11717

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

Phone: 262-622-1143
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Jack Misner

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): [signature]

Turnaround Date Required: Standard

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

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

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

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

Analysis: ______

Container Preservative Type **: 3

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

Lab Project Manager:

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

Analyses: CVOCs

Customer Sample ID	Matrix *	Comp / Grab	Collected Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	CVOCs	Lab Sample #
MW-43	GW	G	9/22/23	1039				3	X	001
MW-23	↓	↓	9/22/23	1109				↓	↓	002
MW-30			9/22/23	1137						003
NMW-8R			9/22/23	1219						004
NMW-7			9/22/23	1324						005
MW-31			9/22/23	1352						006
NMW-4			9/22/23	1426						007
MW-37			9/25/23	1015						008
MW-41			9/25/23	1140						009
Creek-downstream	W	G	9/25/23	1035						010

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

See Cooler Form

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2909171

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kaelyn Dinkle/KPRG	9/25/23/1310		
[signature]	9/26/23 1100	[signature]	9/26/23 1100

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 3

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40268635

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG & Associates

Billing Information: Same

Address: 14665 W. Lisbon Rd, Ste 1A, Brookfield, WI 53005

Report To: Rich Gnat

Email To:

Copy To: jackm@kprginc.com

Site Collection Info/Address: 1401 Perkins Ave

Customer Project Name/Number: Navistar / 11717

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

Phone: 262-622-1143

Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Jack Misner

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature): Jack Misner

Turnaround Date Required: Standard

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

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

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

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

Analysis: ______

Container Preservative Type **: 3

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

Lab Project Manager:

Lab Profile/Line:

```
Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:
```

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Analyses: CVOCs	Lab Sample # / Comments
MW-9DZ	GW	G	9/21/23	1017				3	X	011
NMW-9	↓	↓	9/21/23	1044				3	X	012
MW-9D			9/21/23	1116				3	X	013
MW-15			9/21/23	1204				3	X	014
MW-13			9/21/23	1234				3	X	015
MW-11			9/21/23	1416				3	X	016
MW-24D			9/21/23	1446				3	X	017
MW-24			9/21/23	1526				3	X	018
NMW-1			9/21/23	1559				3	X	019
MW-28			9/21/23	1004				3	X	020

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

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

Packing Material Used: 0

Lab Tracking #: 2909170

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

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ______
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments: 0

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
Kaclyn [signature] / KPRG	9/25/23/1310			Table #: / Acctnum:
CS [signature]	9/26/23 1000	[signature]	9/26/23 1000	Template: / Prelogin:
				PM: / PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 3

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here: 402608685

ALL SHADED AREAS are for LAB USE ONLY

Company: KPRG and Associates	Billing Information: same
Address: 14665 W. Lisbon Rd. Ste 1A, Brookfield, WI 53005	
Report To: Rich Gnat	Email To:
Copy To: jackm@kprginc.com	Site Collection Info/Address: 1401 Perkins Ave
Customer Project Name/Number: Navistar / 11717	State: WI County/City: Waukesha Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 262-622-1143 Email:	Site/Facility ID #:
Collected By (print): Jack Misner	Purchase Order #: Quote #:
Collected By (signature): Jack Misner	Turnaround Date Required: Standard
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

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

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

Container Preservative Type **: 3

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: CVOCs	Lab Profile/Line: LAB USE ONLY: Lab Sample # / Comments:
Hobo Spring	W	G	9/25/23	1030				3	X	021
creek-upstream	W	G	9/25/23	1200				3	X	022
Duplicate3	GW	G	9/21/23	-				3	X	023
Trip Blank								2	X	024
Temp Blank								1		

Lab Sample Receipt Checklist:

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

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2909171

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#:

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Relinquished by/Company: (Signature) Kaelyn Ohle / KPRG	Date/Time: 9/25/23/1310	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 9/26/23 1100	Received by/Company: (Signature)	Date/Time: 9/26/23 1100
Relinquished by/company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Sample Preservation Receipt Form

Client Name: KPRG Project # 402688635

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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																																		2.5 / 5
002																																		2.5 / 5
003																																		2.5 / 5
004																																		2.5 / 5
005																																		2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																													1					2.5 / 5
013																																		2.5 / 5
014																													Yi					2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

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	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Page 1 of 3

Sample Preservation Receipt Form

Client Name: KPRG Project #: 40268635

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	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
021																	NaS2O3																	2.5 / 5
022																																		2.5 / 5
023																																		2.5 / 5
024																																		2.5 / 5
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045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

Int aliens

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40268635

40268635

Client Name: KPG

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

Tracking #: _____

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

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

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

Thermometer Used SR - 120 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

Person examining contents:
Date: 9/20/23 /Initials: MH

Labeled By Initials: SG

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.
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.
- DI 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.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 504		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 3 of 3