
PREPARED BY
EnviroForensics, LLC
N16W23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188



January 18, 2022

Jane Pfeiffer
Wisconsin Department of Natural Resources
1027 W. St. Paul Ave
Milwaukee, WI 53233

**Re: Remediation Site Operation, Maintenance, Monitoring and Optimization
Report
Martino's Master Dry Cleaners
7513 41st Avenue, Kenosha, Wisconsin
BRRTS# 02-30-552188**

Dear Ms. Pfeiffer:

EnviroForensics LLC (EnviroForensics) is pleased to provide this Remediation Site Operation, Maintenance, Monitoring and Optimization Report for the Martino's Master Dry Cleaners facility located at 7513 41st Avenue in Kenosha, Wisconsin (the Site). This report is being submitted in place of Department Form 4400-194. The remedial strategy for the Site consists of soil vapor extraction (SVE) to address soil and vapor-phase contamination, and natural attenuation of dissolved-phase groundwater contamination. The purpose of this report is to present:

- Operation, maintenance, and monitoring (OM&M) data related to the SVE system installed and operated at the Site; and
- Recent groundwater monitoring data to document natural attenuation progress and trends.

The previous OM&M Report was submitted on January 27, 2021, and covered the period of July 1 through December 31, 2020. For the first half of 2021, the SVE system only operated for approximately 760 hours (32 days); therefore, a report was not submitted for that time period. This report covers the period of January 1 through December 31, 2021.

Soil Vapor Extraction Progress

The SVE system consists of a vacuum blower connected to two (2) extraction wells screened in unconsolidated soil from 4-9 feet below ground surface (bgs). The blower and associated equipment and controls are housed inside a climate-controlled enclosure positioned near the east wall of the Site building. The extraction well locations and conveyance line paths are depicted on **Figure 1**. The extraction wells are connected to the SVE blower and associated equipment with conveyance piping. Routine OM&M activities are described in the *Remedial Action Implementation Report* dated June 11, 2018.

SVE system operational data is summarized in **Table 1**. During the current reporting period, the system operated sporadically for a total of for 2,873 hours, or 120 days. This equates to a system utilization of 36%. The system was frequently shut down by alarms related to power delivery; the exact cause for the alarms was not determined. The system was shut down intentionally on November 30, 2021 due to diminished efficiency and in preparation for progress/confirmation sampling.

The chlorinated volatile organic compound (CVOC) concentration in the system effluent is monitored by collecting samples in 1-liter vacuum canisters from a port in the discharge stack at a rate of 200 ml/minute. The samples are analyzed for tetrachloroethene (PCE) and its degradation compounds according to EPA Test Method TO-15. The effluent CVOC concentration trend is depicted in **Chart 1**. The concentration has decreased from more than 108,000 $\mu\text{g}/\text{m}^3$ at start up to 201 $\mu\text{g}/\text{m}^3$ in November 2021.

CVOC mass removal is calculated using the flow rate, system run time, and concentrations detected in samples of the system effluent. Time versus cumulative mass removal is illustrated in **Chart 2**. The estimated total mass removed through November 30, 2021 is 23.3 pounds. In total, the system has operated for 9,239 hours, or approximately 385 days, resulting in an average contaminant removal rate of 0.06 pounds per day.

Groundwater Monitoring Results

Groundwater monitoring was performed in March and June 2021. Groundwater elevation data are summarized in **Table 2**, and water table contour maps for March 22, 2021 and June 30, 2021 are presented on **Figures 2 and 3**, respectively. The indicated groundwater flow direction is southeast, which is consistent with prior monitoring events.

Comprehensive monitoring well sample analytical results are summarized and compared to WDNR standards in **Table 3**, and charts illustrating CVOC concentration trends for select

monitoring wells are presented in **Attachment 1**. A chart depicting VOC concentrations by distance from the source area to the distal end of the plume is included in **Attachment 1**. It graphically illustrates the production and degradation of PCE daughter products as dissolved-phase contaminants migrate with groundwater flow. CVOC concentrations in groundwater for the (2) most recent sampling events are shown on **Figure 4** along with an updated extent of the plume considering the most recent monitoring data. An evaluation of the monitoring data and trend charts indicates that:

- CVOC concentrations are stable at near-source wells MW-3 and MW-6.
- Degradation of cis-1,2-dichloroethene to vinyl chloride is proceeding near MW-2 (likely fueled by the presence of petroleum-related compounds), and at downgradient well MW-12.

Concentrations of dissolved gases (ethene, ethane, and methane) and parameters defining redox conditions in groundwater are summarized in **Table 4**. Biodegradation end products ethene and/or ethane were detected in several samples, indicating that dechlorination of vinyl chloride is occurring. Oxidation-reduction potential (ORP) is only slightly negative; however, low dissolved oxygen and the presence of methane at concentrations higher than 1 mg/L are indicative of strong reducing conditions.

Conclusions

The CVOC concentration in the SVE system effluent diminished toward the end of the reporting period, indicating decreased efficiency due to less availability of volatile contamination. The two (2) most recent effluent samples contained less than 300 $\mu\text{g}/\text{m}^3$ of CVOCs. EnviroForensics recommends that soil and sub-slab vapor sampling be performed at this time to determine whether additional remediation is likely to have any demonstrable benefit. If the sampling results are such that vapor intrusion risk has been addressed and further reductions in soil concentrations will not affect post-closure obligations, SVE will not be resumed.

The groundwater contaminant plume is stable, and the sample results demonstrate advanced degradation of PCE, especially in the downgradient part of the plume. Strong reducing conditions for continued dechlorination are persistent. Groundwater monitoring will be conducted periodically for purposes of documenting natural attenuation and plume stability.



If you have questions regarding the content of this report, please feel free to contact me at 262-745-5054 or bkappen@enviroforensics.com.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink that reads "Brian Kappen".

Brian Kappen, PG
Project Manager

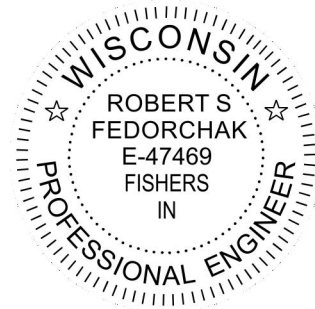
Attachments

CERTIFICATIONS

I, Robert Fedorchak, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature, title and P.E. number



I, Brian Kappen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature and title

Project Manager

1/18/2022

Date

TABLES

TABLE 1
SOIL VAPOR EXTRACTION SYSTEM OPERATIONAL DATA

Martino's Master Dry Cleaners
7513 41st Ave, Kenosha, Wisconsin

Date	Time	System Runtime	VFD Setting	System Vacuum	Influent Flow Rate	Flow Rate	Effluent CVOC Concentration	Pre-Filter Vacuum	Post-Filter Vacuum	Exhaust Temperature	Dilution
		Hours	Hertz	inHg	fpm	scfm	µg/m ³	inHg		°F	(%)
12/13/2017	1819	2	48	-14.0	3,015	79	108,343	-16.0	-17.0	135	0
5/1/2018	1625	6	40	-11.0	4,920	153	94,974	-16.0	-15.0	145	10
5/3/2018	1110	15	40	-8.0	4,910	177	71,549	--	--	130	25
5/23/2018	845	175	30	-5.5	3,690	148	27,820	-5.5	-5.5	124	50
5/31/2018	835	367	30	-5.0	2,790	114	14,095	-5.0	-5.0	115	50
6/27/2018	1353	553	30	-6.0	3,140	123	13,097	-7.0	-7.0	130	50
7/24/2018	1610	610	30	-8.0	2,530	91	23,147	-6.0	-6.0	130	15
8/24/2018	815	1,343	30	-8.0	3,220	116	5,791	3.5	3.0	125	30
9/21/2018	1325	1,764	30	-6.0	4,068	160	4,226	-6.0	-6.0	130	50
12/11/2018	754	1,831	32	-8.0	3,670	132	6,154	-8.0	-8.0	75	50
2/6/2019	955	2,174	32	-8.2	4,030	144	937	-8.8	-8.6	109	35
3/6/2019	1217	2,582	32	-7.5	3,830	141	1,490	-9.5	-9.0	120	55
4/9/2019	1534	3,095	32	-6.0	4,681	184	5,282	-9.0	-8.5	125	50
5/10/2019	1210	3,670	40	-12.0	3,140	92	5,396	-15.0	-15.5	150	30
6/17/2019	1215	4,004	40	-11.0	3,332	103	5,332	-14.0	-14.0	130	25
7/17/2019	1114	4,586	40	-11.0	3,376	105	5,589	-12.0	-12.0	152	25
10/23/2019	1533	4,955	45	-8.0	5,147	185	4,468	-9.8	-10.0	140	25
10/7/2020	1255	5,546	40	-7.8	5,750	209	9,947	-9.0	-8.2	143	25
11/12/2020	1110	6,010	40	-7.8	5,200	189	3,677	-8.5	-8.8	134	25
1/19/2021	1214	6,493	40	-7.5	4,474	165	2,541	-9.0	-9.0	115	15
3/11/2021	1436	7,093	40	-11.0	4,173	130	433	-8.0	-8.0	140	25
9/16/2021	1024	7,776	40	-6.5	5,077	195	1,623	-7.5	-7.5	138	10
10/27/2021	1345	8,616	40	-8.0	4,940	178	266	-9.0	-8.5	140	30
11/30/2021	910	9,239	40	-8.0	3,990	143	201	-8.0	-8.8	134	30

Notes:

- = Reading not recorded
- inHg = inches of mercury
- fpm = feet per minute
- scfm = standard cubic feet per minute
- µg/m³ = micrograms per cubic meter
- NS = No sample collected

TABLE 2
GROUNDWATER ELEVATION SUMMARY

Martino's Master Drycleaners
7513 41st Avenue, Kenosha, Wisconsin

Well ID	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	623.9 - 633.9	640.70	9/7/2011	11.28	629.42
			8/8/2012	11.29	629.41
			12/16/2013	11.44	629.26
			3/12/2014	11.33	629.37
			5/28/2014	10.78	629.92
			9/23/2014	11.01	629.69
			11/12/2014	11.21	629.49
			3/18/2015	10.95	629.75
			6/22/2015	10.79	629.91
			9/16/2015	11.19	629.51
			11/30/2015	10.53	630.17
			3/9/2016	10.94	629.76
			6/2/2016	10.80	629.90
			9/27/2016	10.96	629.74
			7/25/2018	10.83	629.87
			2/20/2019	10.61	630.09
			9/14/2020	10.82	629.88
			12/7/2020	11.52	629.18
			3/22/2021	10.92	629.78
			6/30/2021	11.39	629.31
			Min	10.53	629.18
			Max	11.52	630.17
			Avg	11.03	629.67
MW-2	623.3 - 633.3	640.06	9/7/2011	10.81	629.25
			8/8/2012	10.82	629.24
			12/16/2013	10.99	629.07
			3/12/2014	10.86	629.20
			5/28/2014	10.37	629.69
			9/23/2014	10.51	629.55
			11/12/2014	10.72	629.34
			3/18/2015	10.50	629.56
			6/22/2015	10.30	629.76
			9/16/2015	10.71	629.35
			11/30/2015	10.09	629.97
			3/9/2016	10.51	629.55
			6/2/2016	10.33	629.73
			9/27/2016	10.53	629.53
			7/25/2018	10.34	629.72
			2/20/2019	10.13	629.93
			9/14/2020	10.40	629.66
			12/7/2020	11.17	628.89
			3/22/2021	10.47	629.59
			6/30/2021	11.04	629.02
			Min	10.09	628.89
			Max	11.17	629.97
			Avg	10.58	629.48
MW-3	624.4 - 634.4	640.21	9/7/2011	11.02	629.19
			8/8/2012	11.04	629.17
			12/16/2013	11.24	628.97
			3/12/2014	11.21	629.00
			5/28/2014	10.71	629.50
			9/23/2014	10.82	629.39
			11/12/2014	11.02	629.19
			3/18/2015	10.87	629.34
			6/22/2015	10.66	629.55
			9/16/2015	11.04	629.17
			11/30/2015	10.45	629.76
			3/9/2016	10.88	629.33
			6/2/2016	10.68	629.53
			9/27/2016	10.90	629.31
			7/25/2018	10.70	629.51
			2/20/2019	10.42	629.79
			9/14/2020	10.77	629.44
			12/7/2020	11.42	628.79
			3/22/2021	10.86	629.35
			6/30/2021	11.31	628.90
			Min	10.42	628.79
			Max	11.42	629.79
			Avg	10.90	629.31

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7513 41st Avenue, Kenosha, Wisconsin

Well ID	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-3D	606.1 - 611.1	640.37	12/16/2013	11.08	629.29
			3/12/2014	11.40	628.97
			5/28/2014	10.94	629.43
			9/23/2014	11.02	629.35
			11/12/2014	11.16	629.21
			3/18/2015	11.31	629.06
			6/22/2015	10.84	629.53
			9/16/2015	11.23	629.14
			11/30/2015	10.76	629.61
			3/9/2016	11.18	629.19
			6/2/2016	10.73	629.64
			9/27/2016	11.00	629.37
			7/25/2018	10.82	629.55
			2/20/2019	10.80	629.57
			9/14/2020	10.99	629.38
			12/7/2020	11.49	628.88
			3/22/2021	11.09	629.28
			6/30/2021	11.45	628.92
			Max	11.49	629.64
			Avg	11.07	629.30
MW-4	622.7 - 632.7	640.07	9/7/2011	10.98	629.09
			8/8/2012	10.91	629.16
			12/16/2013	11.03	629.04
			3/12/2014	10.93	629.14
			5/28/2014	10.46	629.61
			9/23/2014	10.57	629.50
			11/12/2014	10.79	629.28
			3/18/2015	10.58	629.49
			6/22/2015	10.41	629.66
			9/16/2015	10.78	629.29
			11/30/2015	10.18	629.89
			3/9/2016	10.63	629.44
			6/2/2016	10.24	629.83
			9/27/2016	10.63	629.44
			7/25/2018	10.42	629.65
			2/20/2019	10.22	629.85
			9/14/2020	10.47	629.60
			12/7/2020	11.13	628.94
			3/22/2021	10.56	629.51
6/30/2021	11.01	629.06			
			Min	10.18	628.94
			Max	11.13	629.89
			Avg	10.65	629.42
MW-5	623.8 - 633.8	640.33	9/7/2011	10.45	629.88
			8/8/2012	10.38	629.95
			12/16/2013	10.63	629.70
			3/12/2014	10.45	629.88
			5/28/2014	9.82	630.51
			9/23/2014	10.12	630.21
			11/12/2014	10.40	629.93
			3/18/2015	10.06	630.27
			6/22/2015	9.90	630.43
			9/16/2015	10.35	629.98
			11/30/2015	9.56	630.77
			3/9/2016	10.02	630.31
			6/2/2016	9.95	630.38
			9/27/2016	10.16	630.17
			7/25/2018	10.06	630.27
			2/20/2019	9.90	630.43
			9/14/2020	10.07	630.26
			12/7/2020	10.76	629.57
			3/22/2021	10.10	630.23
6/30/2021	10.61	629.72			
			Min	9.56	629.57
			Max	10.76	630.77
			Avg	10.19	630.14

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Martino's Master Drycleaners
7513 41st Avenue, Kenosha, Wisconsin

Well ID	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-6	NA	NA	9/7/2011	11.60	NA
			8/8/2012	11.60	NA
			12/16/2013	11.79	NA
			3/12/2014	11.61	NA
			5/28/2014	11.12	NA
			9/23/2014	11.32	NA
			11/12/2014	11.56	NA
			3/18/2015	11.24	NA
			6/22/2015	11.13	NA
			9/16/2015	11.52	NA
			11/30/2015	10.88	NA
			3/9/2016	11.35	NA
			6/2/2016	11.14	NA
			9/27/2016	11.33	NA
			7/25/2018	11.19	NA
			2/20/2019	10.71	NA
				Min	10.71
	Max	11.79	NA		
	Avg	11.32	NA		
MW-7	624.1 - 634.1	640.66	9/7/2011	11.40	629.26
			8/8/2012	10.78	629.88
			12/16/2013	11.54	629.12
			3/12/2014	11.41	629.25
			5/28/2014	10.94	629.72
			9/23/2014	10.97	629.69
			11/12/2014	11.30	629.36
			3/18/2015	11.04	629.62
			6/22/2015	10.91	629.75
			9/16/2015	11.28	629.38
			11/30/2016	10.65	630.01
			3/9/2016	11.05	629.61
			6/2/2016	10.93	629.73
			9/27/2016	11.11	629.55
			7/25/2018	10.92	629.74
			2/20/2019	10.72	629.94
			9/14/2020	10.95	629.71
			12/7/2020	11.60	629.06
			3/22/2021	11.03	629.63
			6/30/2021	11.50	629.16
	Min	10.65	629.06		
	Max	11.60	630.01		
	Avg	11.10	629.56		
MW-8	621.3 - 631.3	638.99	12/16/2013	9.72	629.27
			3/12/2014	9.61	629.38
			5/28/2014	9.17	629.82
			9/23/2014	9.30	629.69
			11/12/2014	9.53	629.46
			3/18/2015	9.25	629.74
			6/22/2015	9.20	629.79
			9/16/2015	9.52	629.47
			11/30/2015	8.93	630.06
			3/9/2016	9.28	629.71
			6/2/2016	9.25	629.74
			9/27/2016	9.39	629.60
			7/25/2018	9.31	629.68
			9/14/2020	9.29	629.70
			12/7/2020	10.15	628.84
			3/22/2021	9.38	629.61
			6/30/2021	9.81	629.18
				Min	8.93
	Max	10.15	630.06		
	Avg	9.42	629.57		

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7513 41st Avenue, Kenosha, Wisconsin

Well ID	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-9	621.9 - 631.9	641.09	12/16/2013	12.16	628.93
			3/12/2014	12.11	628.98
			5/28/2014	11.59	629.50
			9/23/2014	11.73	629.36
			11/12/2014	11.90	629.19
			3/18/2015	11.81	629.28
			6/22/2015	11.59	629.50
			9/16/2015	11.92	629.17
			11/30/2015	11.38	629.71
			3/9/2016	NM	NM
			6/2/2016	11.54	629.55
			9/27/2016	11.79	629.30
			7/25/2018	NM	NM
			9/14/2020	11.71	629.38
			12/7/2020	12.40	628.69
			3/22/2021	11.83	629.26
			6/30/2021	12.21	628.88
					Min
		Max	12.40	629.71	
		Avg	11.84	629.25	
MW-10	620.0 - 630.0	640.26	9/23/2014	11.00	629.26
			11/12/2014	11.19	629.07
			3/18/2015	11.12	629.14
			6/22/2015	10.82	629.44
			9/16/2015	11.19	629.07
			11/30/2015	10.63	629.63
			3/9/2016	11.06	629.20
			6/2/2016	10.83	629.43
			9/27/2016	11.07	629.19
			7/25/2018	10.80	629.46
			9/14/2020	10.92	629.34
			12/7/2020	11.56	628.70
			3/22/2021	10.98	629.28
			6/30/2021	11.41	628.85
					Min
		Max	11.56	629.63	
		Avg	11.04	629.22	
MW-11	621.3 - 631.3	641.51	9/23/2014	12.37	629.14
			11/12/2014	12.54	628.97
			3/18/2015	12.52	628.99
			6/22/2015	12.20	629.31
			9/16/2015	12.50	629.01
			11/30/2015	12.04	629.47
			3/9/2016	12.46	629.05
			6/2/2016	12.18	629.33
			9/27/2016	12.41	629.10
			7/25/2018	12.18	629.33
			2/20/2019	11.91	629.60
			9/14/2020	12.30	629.21
			12/7/2020	12.97	628.54
			3/22/2021	12.38	629.13
			6/30/2021	12.81	628.70
		Min	11.91	628.54	
		Max	12.97	629.60	
		Avg	12.38	629.13	
MW-12	623.1 - 633.1	643.18	9/23/2014	9.36	633.82
			11/12/2014	14.41	628.77
			3/18/2015	14.45	628.73
			6/22/2015	14.15	629.03
			9/16/2015	14.46	628.72
			11/30/2015	14.06	629.12
			3/9/2016	14.38	628.80
			6/2/2016	14.08	629.10
			9/27/2016	14.31	628.87
			7/25/2018	14.29	628.89
			2/20/2019	13.97	629.21
			9/14/2020	14.27	628.91
			12/7/2020	14.89	628.29
			3/22/2021	14.36	628.82
			6/30/2021	14.68	628.50
		Min	13.97	628.29	
		Max	14.89	629.21	
		Avg	14.34	628.84	

TABLE 2
GROUNDWATER ELEVATION SUMMARY

Martino's Master Drycleaners
7513 41st Avenue, Kenosha, Wisconsin

Well ID	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-13	621.5 - 631.5	642.03	9/23/2014	13.88	628.15
			11/12/2014	13.91	628.12
			3/18/2015	13.96	628.07
			6/22/2015	13.79	628.24
			9/16/2015	13.97	628.06
			11/30/2015	13.80	628.23
			3/9/2016	13.91	628.12
			6/2/2016	13.78	628.25
			9/27/2016	13.87	628.16
			7/25/2018	13.72	628.31
			2/20/2019	13.69	628.34
			9/14/2020	13.76	628.27
			12/7/2020	14.02	628.01
			3/22/2021	13.85	628.18
			6/30/2021	14.10	627.93
			Min	13.69	627.93
			Max	14.10	628.34
			Avg	13.87	628.16
MW-14	620.7 - 630.7	640.98	9/23/2014	12.10	628.88
			11/12/2014	12.25	628.73
			3/18/2015	12.24	628.74
			6/22/2015	11.90	629.08
			9/16/2015	12.24	628.74
			11/30/2015	11.79	629.19
			3/9/2016	12.18	628.80
			6/2/2016	11.93	629.05
			9/27/2016	12.11	628.87
			7/25/2018	11.83	629.15
			2/20/2019	11.83	629.15
			9/14/2020	12.01	628.97
			12/7/2020	12.64	628.34
			3/22/2021	12.06	628.92
			6/30/2021	12.53	628.45
			Min	11.79	628.34
			Max	12.64	629.19
			Avg	12.11	628.87
MW-15	623.1 - 633.1	643.37	9/14/2020	13.92	629.45
			12/7/2020	14.54	628.83
			3/22/2021	14.16	629.21
			6/30/2021	14.43	628.94
			Max	14.54	629.45
			Avg	14.26	629.11
MW-16	621.1 - 631.1	643.32	9/14/2020	14.31	629.01
			12/7/2020	14.88	628.44
			3/2/2021	14.50	628.82
			6/30/2021	14.72	628.60
			Max	14.88	629.01
			Avg	14.60	628.72
MW-17	622.8 - 632.8	643.09	9/14/2020	13.48	629.61
			12/7/2020	14.10	628.99
			3/22/2021	13.73	629.36
			6/30/2021	14.03	629.06
			Max	14.10	629.61
			Avg	13.84	629.26
MW-18	622.4 - 632.4	642.87	9/14/2020	13.82	629.05
			12/7/2020	14.55	628.32
			3/22/2021	14.07	628.80
			6/30/2021	14.30	628.57
			Max	14.55	629.05
			Avg	14.19	628.69

Notes:

- All values are in feet
- AMSL = above mean sea level
- DTW = Depth to water
- NA = Survey data not available
- NM = Not measured
- TOC = Top of Casing
- Shaded values are anomolous and excluded from statistics

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-1	09/08/11	<0.45	<0.48	37.9	1.4	0.64 J	<0.41	<0.93	<0.89	<0.24	<0.36	<0.57	<0.76	<0.54	<0.59	<0.61	<0.89	<0.81	<0.67	<0.67	<0.97	<0.83	<2.63
	08/08/12	<0.17	<0.19	8.3	1.3	2.9	<0.074	<0.13	<0.15	<0.34	<0.28	<0.31	NA	<0.13	<0.14	<0.24	<0.16	<0.13	<0.17	<0.11	<0.14	<0.18	<0.068
	12/16/13	<0.33	<0.33	4.9	0.55 J	4.9	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/13/14	<0.33	<0.33	4.7	<0.35	2.6	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	0.25 J	<0.31	<0.69	<2.2	<1.4	<1.32
	05/28/14	<0.33	<0.33	4.2	<0.35	5.4	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	09/23/14	<0.33	<0.33	7.6	0.55 J	13.9	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/14/14	<0.33	<0.33	6.9	0.52 J	9.4	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/19/15	<0.74	<0.47	3.9	<0.54	3.2	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	<0.74	<0.47	4.5	<0.54	4.6	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/17/15	<0.49	<0.47	5.8	<0.54	2.57	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/01/15	<0.49	<0.47	4.6	<0.54	6.8	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/10/16	<0.49	<0.47	4.8	<0.54	2.04	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/07/16	<0.49	<0.47	6.4	<0.54	7.0	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/29/16	<0.49	<0.47	5.1	<0.54	3.13	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	07/25/18	1.24	2.13	48	2.19	1.91	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
02/22/19	1.19 J	7.8	25.5	1.13	0.44 J	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	
09/15/20	13.8	7.8	21.6	0.81 J	0.62 J	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48	
12/08/20	19.6	8.1	21.3	0.59 J	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48	
MW-1 (DUP-2)	12/08/20	18.3	7.6	22.6	<1.85	<1	<1.65	<1.4	<1.6	<5.5	<1.95	<2.5	<1.7	<1.6	<1.6	<2.35	<5.5	<1.65	<2.35	<1.3	<1.5	<1.6	<7.4
MW-1	03/23/21	19.6	4.9	15.1	<0.6	<0.17	<0.38	<0.46	<0.31	<0.84	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
	07/01/21	17.8	4.7	11.2	<0.6	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
MW-1 (DUP-1)	07/01/21	18.3	4.6	11.3	<0.6	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-2	09/08/11	<1.1	114	175	2.7	9.7	<1.0	<2.3	<2.2	<0.60	<0.90	1.7 J	<1.9	39.2	2.5	<1.5	8.0 J	6.1	<1.7	<1.7	38.6	3.6	38.2
	08/07/12	<0.17	11	110	1.9	27	0.89	<0.13	1.7	<0.34	<0.28	1.5	NA	85	8.7	<0.24	27	26	<0.17	2	100	0.78 J	66
	12/16/13	<0.33	2.58	111	1.22	7.6	0.75 J	1.52	0.85 J	<0.63	<0.41	<0.4	<2.3	49	4.9	<0.23	11	13	<0.31	0.73 J	26.4	<1.4	28.9
	03/13/14	<0.33	2.01	86	1.51	5.2	0.76 J	2	1.28	<0.63	<0.41	<0.4	<2.3	94	8.1	<0.23	12	21.3	0.47 J	1.68 J	52	<1.4	56
	05/28/14	<0.33	0.89 J	45	1.23	1.99	0.88	4.5	3.09	<0.63	<0.41	<0.4	<2.3	163	17.5	<0.23	33	44	0.99	2.26	161	<1.4	141.4 J
	09/23/14	<0.33	<0.33	24	0.93 J	8.1	0.33 J	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	0.35 J	<0.23	<1.7	<0.25	<0.31	<0.69	4.7 J	<1.4	2.12 J
	11/14/14	<0.33	1.84	112	1.75	10	0.71 J	0.52 J	0.59 J	<0.63	<0.41	0.64 J	<2.3	11.3	3.8	<0.23	7.3	4.6	<0.31	1.11 J	26.9	<1.4	32
	03/20/15	<0.74	1.86	62	1.21 J	10.4	0.49 J	1.17 J	1.61 J	<0.65	<0.54	<0.65	<0.44	96	11.7	<1.1	28.5	20.4	<1.1	4.9	169	6.7	275.8
	06/23/15	<0.74	<0.47	27.5	<0.54	3.12	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	11/30/15	<0.49	<0.47	0.90 J	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/10/16		<0.47	14.2	<0.54	7.7	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	1.88 J	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	4.9 J	<1.5	6.1 J
	06/07/16	<0.49	<0.47	32	0.59 J	23.9	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	10.9	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	9.3	<1.5	20.7
	09/29/16	<0.49	1.03 J	55	0.93 J	19.7	0.59 J	<1	<1.2	<0.65	<0.48	<0.65	<0.44	10.4	2.32 J	<1.1	3.3 J	1.19 J	<1.1	<0.44	21.3	<1.5	18.7
	07/25/18	0.44 J	<0.3	140	3.6	8.5	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	02/22/19	<0.38	<0.3	2.09	<0.32	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	09/14/20	<0.33	1.49 J	6.8	<0.37	4	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
12/08/20	<0.33	<0.47	6	0.47 J	48	0.41 J	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48	
03/23/21	<0.54	<0.47	4.1	<0.6	160	<0.38	<0.46	<0.31	<0.78	<0.44	<0.48	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<0.21	
06/30/21	<1.08	<0.94	2.58 J	<1.2	189	<0.76	<0.92	<0.62	<1.56	<0.88	<1.1	<0.94	<0.74	<0.6	<0.92	<2.8	<0.88	<0.86	<0.84	<0.7	<0.76	<2.42	

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-3	09/08/11	724	194	<2.0	<1.9	<1.8	<4.1	<9.3	<8.9	<2.4	<3.6	<5.7	<7.6	<5.4	<5.9	<6.1	<8.9	<8.1	<6.7	<6.7	<9.7	<8.3	<18.0
	08/08/12	1,200	380	41	<1.3	<0.50	<0.37	<0.65	<0.75	<1.7	<1.4	<0.95	NA	<0.65	<0.70	<1.2	<0.80	<0.65	<0.85	<0.55	<0.70	<0.90	<0.34
	12/16/13	810	300	45	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	03/12/14	1,030	390	67	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	05/28/14	910	330	134	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	09/23/14	1,180	460	275	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	11/13/14	1,080	440	313	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	03/20/15	770	340	204	<5.4	<1.7	<4.4	<10	<12	<6.5	<5.4	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	06/23/15	840	390	266	<5.4	<1.7	<4.4	<10	<12	<6.5	<5.4	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	09/17/15	960	520	330	<5.4	<1.7	<4.4	<10	<12	<6.5	<4.8	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	12/01/15	127	67	34	<5.4	<1.7	<4.4	<10	<12	<6.5	<4.8	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	03/10/16	750	340	250	2.32	<1.7	<4.4	<10	<12	<6.5	<4.8	0.85 J	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	06/07/16	530	257	179	<2.7	<0.85	<2.2	<5	<6	<3.25	<2.4	<3.25	<2.2	<3.55	<4.1	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<16.5
	09/29/16	740	400	203	3.02	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	07/25/18	620	320	213	<3.4	<2	<2.2	<7.1	<7.9	<6.1	<2.5	<4.2	<2.1	<2.6	<7.8	<2.8	<21	<6.1	<2.4	<1.9	<8	<6.3	<7.2
03/15/19	480	284	930	8.2	1.25 J	<1.1	<3.55	<3.95	<3.05	<1.25	2.6 J	<1.05	<1.3	<3.9	<1.4	<10.5	<3.05	<1.2	<0.95	<4	<3.15	<3.6	
09/15/20	680	390	136	<3.7	<2	<3.3	<2.8	<3.2	<11	<3.9	<5	<3.4	<3.2	<3.2	<4.7	<11	<3.3	<4.7	<2.6	<3	<3.2	<14.8	
12/08/20	520	380	142	<1.85	<1	<1.65	<1.4	<1.6	<5.5	<1.95	<2.5	<1.7	<1.6	<1.6	<2.35	<5.5	<1.65	<2.35	<1.3	<1.5	<1.6	<7.4	
03/24/21	430	330	147	<3	<0.85	<1.9	<2.3	<1.55	<3.9	<2.2	<2.75	<2.35	<1.85	<1.5	<2.3	<7	<2.2	<2.15	<2.1	<1.75	<1.9	<6.05	
MW-3 (DUP-2)	03/24/21	410	311	154	1.27 J	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<0.44
MW-3	07/01/21	560	410	134	<6	<1.7	<3.8	<4.6	<3.1	<7.8	<4.4	<5.5	<4.7	<3.7	<3	<4.6	<14	<4.4	<4.3	<4.2	<3.5	<3.8	<12.1
MW-3D	12/17/13	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	05/28/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	09/23/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/20/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/17/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/01/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/10/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/07/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
02/22/19	<0.38	<0.3	<0.37	<0.32	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
Martino's Master Drycleaners
7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-4	09/08/11	<0.45	<0.48	<0.83	<0.89	<0.18	4.2	<0.93	<0.89	<0.24	<0.36	<0.57	<0.76	<0.54	<0.59	<0.61	<0.89	<0.81	<0.67	<0.67	<0.97	<0.83	<2.63
	08/07/12	<0.17	<0.19	<0.12	<0.25	<0.10	4.9	<0.13	<0.15	<0.34	<0.28	<0.19	NA	<0.13	<0.14	<0.24	<0.16	<0.13	<0.17	<0.11	<0.14	<0.18	<0.068
	12/16/13	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	0.35 J	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	05/28/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	09/23/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	0.24 J	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/18/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/17/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	11/30/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
03/10/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
06/07/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
MW-5	09/07/11	<0.45	<0.48	<0.83	<0.89	<0.18	<0.41	<0.93	<0.89	<0.24	<0.36	<0.57	<0.76	<0.54	<0.59	<0.61	<0.89	<0.81	<0.67	<0.67	<0.97	<0.83	<2.63
	08/08/12	<0.17	<0.19	<0.12	<0.25	<0.10	<0.074	<0.13	<0.15	<0.34	<0.28	<0.19	NA	<0.13	<0.14	<0.24	<0.16	<0.13	<0.17	<0.11	<0.14	<0.18	<0.068
	12/16/13	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/13/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	05/29/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	09/23/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/14/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/19/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/02/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
03/11/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	
06/07/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1	

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-6	09/07/11	369	433	68.5	<4.4	<0.90	<2.0	<4.6	<4.4	<1.2	<1.8	<2.8	<3.8	<2.7	<3.0	<3.0	<4.4	<4.0	<3.4	<3.4	<4.8	<4.2	<13.2
	08/08/12	200	360	260	0.92J	<0.10	<0.074	<0.13	<0.15	<0.34	<0.28	<0.19	NA	<0.13	<0.14	<0.24	<0.16	<0.13	<0.17	<0.11	<0.14	<0.18	<0.068
	12/16/13	104	233	159	<3.5	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	03/12/14	138	269	70	<1.75	<0.90	<1.2	<1.75	<1.65	<3.15	<0.41	<2	<2.3	<2.75	<1.5	<0.115	<8.5	<1.25	<1.55	<3.45	<11	<7	<6.60
	05/28/14	114	203	66	<1.75	<0.90	<1.2	<1.75	<1.65	<3.15	<0.41	<2	<2.3	<2.75	<1.5	<0.115	<8.5	<1.25	<1.55	<3.45	<11	<7	<6.60
	09/23/14	145	213	182	<0.35	0.58	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/13/14	142	214	185	1.65	0.21 J	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/19/15	85	205	167	2.28	2.08	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	88	200	191	2.21	1.02	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/17/15	93	205	187	2.1	13.3	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/01/15	65	242	143	<5.4	11.8	<4.4	<10	<12	<6.5	<4.8	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	03/10/16	75	224	146	4.2 J	7.9	<2.2	<5	<6	<2.15	<2.4	<3.25	<2.2	<3.55	<4.2	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<15.5
	06/07/16	68	170	151	4.5	1.07	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/29/16	93	205	179	3.5	0.31 J	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	07/25/18	86	223	186	1.67	1.7	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	02/22/19	73	224	183	2.5	19.9	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
09/15/20	98	232	281	<1.85	7.9	<1.65	<1.4	<1.6	<5.5	<1.95	<2.5	<1.7	<1.6	<1.6	<2.35	<5.5	<1.65	<2.35	<1.3	<1.5	<1.6	<7.4	
03/24/21	50	141	185	<3	9.0	<1.9	<2.3	<1.55	<3.9	<2.2	<2.75	<2.35	<1.85	<1.5	<2.3	<7	<2.2	<2.15	<2.1	<1.75	<1.9	<6.05	
07/01/21	40	131	159	<3	3.9	<1.9	<2.3	<1.55	<3.9	<2.2	<2.75	<2.35	<1.85	<1.5	<2.3	<7	<2.2	<2.15	<2.1	<1.75	<1.9	<6.05	
MW-7	09/08/11	<0.9	<0.94	<1.7	<1.8	<0.36	3.0	<1.9	<1.8	<2.6	<0.72	<1.1	<1.5	339	21.8	<1.2	68.6	49.3	<1.3	7.2	222	46	1,070
	08/08/12	<0.34	<0.38	<0.24	<0.50	<0.20	6.6	21	6	<0.68	<0.56	<0.38	NA	550	39	<0.34	180	120	2.9	2.6	730	190	1,500
	12/16/13	<3.3	<3.3	<3.8	<3.5	<1.8	3.0 J	6.2 J	<3.3	<6.3	<4.1	<4.0	<2.3	183	17.1	<2.3	73	45	<3.1	<6.9	350	70	404
	03/13/14	<1.65	<1.65	<1.9	<1.75	<0.9	1.8 J	6.5	1.7 J	<3.15	<4.1	<2	<2.3	67	12.4	<1.15	24.3	25.6	<1.55	<3.45	271	69	307
	05/28/14	<3.3	<3.3	<3.8	<3.5	<1.8	19.5	23.2	4.3 J	<6.3	<4.1	<4	<2.3	710	36	<2.3	251	82	3.6 J	<6.9	1,160	276	2,620
	09/22/14	<3.3	<3.3	<3.8	<3.5	<1.8	<2.4	17.3	4.5 J	<6.3	<4.1	<4	<2.3	690	<3	<2.3	200	96	40	<6.9	920	216	2,046
	11/12/14	<3.3	<3.3	<3.8	<3.5	<1.8	<2.4	12.6	4.3 J	<6.3	<4.1	<4	<2.3	310	40	<2.3	121	87	<3.1	<6.9	590	138	715
	03/20/15	<7.4	<4.7	<4.5	<5.4	<1.7	<4.4	30.5 J	<12	<6.5	<5.4	<6.5	<4.4	890	45	<11	350	116	<11	6.3 J	1,490	350	2,800
	06/23/15	<7.4	<4.7	<4.5	<5.4	<1.7	<4.4	25.8 J	<12	<6.5	<5.4	<6.5	<4.4	950	53	<11	380	129	<11	<4.4	1,250	280	2,880
	09/18/15	<4.9	<4.7	<4.5	<5.4	<1.7	<4.4	37	<12	<6.5	<4.8	<6.5	<4.4	550	40	<11	176	111	<11	<4.4	1,490	330	1,396
	12/01/15	<4.9	<4.7	<4.5	<5.4	<1.7	<4.4	29.6 J	<12	<6.5	<4.8	<6.5	<4.4	1,050	57	<11	360	140	<11	4.7 J	1,520	340	2,700
	03/10/16	<4.9	<4.7	<4.5	<5.4	<1.7	<4.4	21.4 J	<12	<6.5	<4.8	<6.5	<4.4	770	51	<11	182	116	<11	4.7 J	1,100	242	2,032
	06/07/16	<4.9	<4.7	<4.5	<5.4	5.5	<4.4	18.7 J	<12	<6.5	<4.8	<6.5	<4.4	800	54	<11	295	131	<11	<4.4	1,030	207	1,889
09/29/16	<4.9	<4.7	<4.5	<5.4	35	<4.4	10.9 J	<12	<6.5	<4.8	<6.5	<4.4	410	48	<11	138	101	<11	<4.4	590	114	690	
07/25/18	<3.8	<3	18.6	<3.4	10	<2.2	24.7	11 J	<5.4	<2.5	<4.2	<2.1	930	98	<2.8	320	244	3.7 J	<1.9	1,100	179	1,813	
09/14/20	<3.3	<4.7	5.2 J	<3.7	32	<3.3	24.8	9.2 J	<11	<3.9	<5	<3.4	860	106	<4.7	294	236	<4.7	<2.6	990	201	1,762	
MW-7 (DUP-1)	09/14/20	<3.3	<4.7	5.9 J	<3.7	35	<3.3	23.9	8.8 J	<11	<3.9	<5	<3.4	840	102	<4.7	330	220	<4.7	<2.6	960	192	1,728
MW-7	03/23/21	<0.54	<0.47	<0.39	<0.6	6.5	0.54 J	44	7.1	<0.78	<0.44	<0.55	<0.47	1,050	77	<0.46	430	143	5.8	3.6	1,540	430	2,680

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-8	12/17/13	<0.33	<0.33	<0.38	<0.35	<0.18	25.8	0.81 J	0.51 J	<0.63	<0.41	<0.4	<2.3	8.8	4.4	<0.23	12.1	16	<0.31	2.06 J	5.3 J	2.63 J	25.4 J
	03/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	25.6	3.8	1.1	<0.63	<0.41	<0.4	<2.3	22.2	3.9	<0.23	9.7	14.7	0.46 J	3.12	71	21.5	178.1
	05/29/14	<0.33	<0.33	<0.38	<0.35	<0.18	19.5	0.49 J	0.33 J	<0.63	<0.41	<0.4	<2.3	1.33 J	2.78	<0.23	8.4	13	<0.31	<0.69	2.7 J	<1.4	5.5
	09/22/14	<0.33	<0.33	<0.38	<0.35	<0.18	0.85	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	1.7	<0.3	<0.23	<1.7	0.69 J	<0.31	<0.69	<2.2	<1.4	4.7
	11/13/14	<0.33	<0.33	<0.38	<0.35	1.28	7.2	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	1.19	0.37 J	2.25 J	4.9	<0.31	<0.69	<2.2	<1.4	3.3
	03/20/15	<0.74	<0.47	<0.45	<0.54	0.99	43	1.95 J	<1.2	<0.43	<0.54	<0.65	<0.44	51	5.2	<1.1	18.7	18.2	<1.1	5.0	63	16.6	195.1
	06/22/15	<0.74	<0.47	<0.45	<0.54	2.47	22.8	<1	<1.2	<0.43	<0.54	<0.65	<0.44	8.4	2.13 J	<1.1	5.4	9.9	<1.1	1.13 J	9.1	2.21 J	26.88
	09/18/15	<0.49	<0.47	<0.45	<0.54	1.32	25.8	<1	<1.2	<0.65	<0.48	<0.65	<0.44	6.8	3.13	<1.1	7.9	13.4	<1.1	1.39 J	8.0	2.57 J	25.76
	12/02/15	<0.49	<0.47	<0.45	<0.54	<0.17	2.17	<1	<1.2	<0.65	<0.48	<0.65	<0.44	1.68 J	<0.82	<1.1	2.12 J	<0.77	<1.1	<0.44	4.1 J	2.21 J	13.59 J
	03/10/16	<0.49	<0.47	<0.45	<0.54	0.63	2.0	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/06/16	<0.49	<0.47	<0.45	<0.54	7.6	72	<1	<1.2	<0.65	<0.48	<0.65	<0.44	24.1	6.3	<1.1	8.7	25.7	<1.1	1.8	16.8	3.5 J	49.14
	07/25/18	<0.38	<0.3	<0.37	<0.34	5.4	18.3	<0.71	<0.79	<0.61	0.69 J	<0.42	<0.21	2.05	2.04 J	<0.28	<2.1	6.3	<0.24	0.52 J	1.22 J	<0.63	3.04
09/14/20	<0.33	<0.47	<0.39	<0.37	3.13	17.1	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	4.1	0.75 J	<0.47	<1.1	1.66	<0.47	0.49 J	34.0	23.6	79.29	
03/24/21	<0.54	<0.47	<0.39	<0.6	<0.17	0.52 J	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	0.40 J	0.78 J	
MW-9	12/17/13	<0.33	<0.33	0.42 J	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	05/29/14	<0.33	<0.33	0.60 J	<0.35	0.59	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	09/22/14	<0.33	<0.33	0.71 J	<0.35	0.34 J	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/12/14	<0.33	<0.33	0.69 J	<0.35	0.51 J	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/18/15	<0.74	<0.47	0.58 J	<0.54	0.95	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/22/15	<0.74	<0.47	0.65 J	<0.54	1.35	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	0.73 J	<0.54	0.70	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/02/15	<0.49	<0.47	0.80 J	<0.54	3.01	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/08/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	03/22/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-10	09/22/14	<0.33	<0.33	0.52 J	<0.35	2.04	0.46 J	<0.35	<0.33	<0.63	0.7 J	<0.4	<2.3	<0.55	<0.3	0.39 J	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/13/14	<0.33	<0.33	0.58 J	<0.35	2.56	0.39 J	<0.35	<0.33	<0.63	0.70 J	<0.4	<2.3	<0.55	<0.3	0.46 J	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/18/15	<0.74	<0.47	0.51 J	<0.54	1.69	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/22/15	<0.74	<0.47	0.82 J	<0.54	1.73	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	10/18/15	<0.49	<0.47	1.05 J	<0.54	1.96	<0.44	<1	<1.2	<0.65	0.54 J	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/01/15	<0.49	<0.47	0.66 J	<0.54	0.55	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/11/16	<0.49	<0.47	0.75 J	<0.54	0.62	<0.44	<1	<1.2	<0.65	<0.48	0.49 J	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/06/16	<0.49	<0.47	1.06 J	<0.54	1.18	<0.44	<1	<1.2	<0.65	0.54 J	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/29/16	<0.49	<0.47	2.14	<0.54	3.2	<0.44	<1	<1.2	<0.65	0.69 J	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	07/25/18	<0.38	<0.3	1.19	<0.34	0.90	<0.22	<0.71	<0.79	<0.61	0.40 J	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	09/14/20	<0.33	<0.47	2.13	<0.37	9.6	<0.33	<0.28	<0.32	<1.1	0.68 J	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/08/20	<0.33	<0.47	1.7	<0.37	4.9	<0.33	<0.28	<0.32	<1.1	0.43 J	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
03/23/21	<0.54	<0.47	1.26 J	<0.6	4.0	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21	
06/30/21	<0.54	<0.47	1.48 J	<0.6	4.1	<0.38	<0.46	<0.31	<0.78	0.45 J	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21	
MW-11	09/23/14	<0.33	<0.33	157	5.3	11.9	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	0.24 J	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/14/14	<0.33	<0.33	151	5.1	11	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	0.27 J	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/18/15	<0.74	<0.47	109	3.7	7.1	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/23/15	<0.74	<0.47	139	5.8	6.2	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	94	2.96	2.45	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	12/01/15	<0.49	<0.47	163	4.6	3.6	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/10/16	<0.49	<0.47	55	1.67 J	2.0	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/06/16	<0.49	<0.47	121	2.91	4.3	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/29/16	<0.49	<0.47	178	5.5	1.93	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/29/16	<0.38	<0.3	93	2.47	2.27	<0.22	<0.71	<0.79	<0.61	0.61 J	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	02/22/19	<0.38	<0.3	183	4.0	3.5	<0.22	<0.71	<0.79	<0.61	0.42 J	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	09/14/20	<0.33	<0.47	247	8.4	19.8	<0.33	<0.28	<0.32	<1.1	0.63 J	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
12/07/20	<0.66	<0.94	139	7.2	0.82 J	<0.66	<0.56	<0.64	<2.2	<0.78	<1	<0.68	<0.64	<0.64	<0.94	<2.2	<0.66	<0.94	<0.52	<0.6	<0.64	<2.96	
MW-11 (DUP-1)	12/07/20	<0.66	<0.94	152	8.9	1.3	<0.66	<0.56	<0.64	<2.2	<0.78	<1	<0.68	<0.64	<0.64	<0.94	<2.2	<0.66	<0.94	<0.52	<0.6	<0.64	<2.96
MW-11	03/23/21	<0.54	<0.47	121	6.5	5.9	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
	06/30/21	<1.08	<0.94	202	6.9	11.3	<0.76	<0.92	<0.62	<1.56	<0.88	<1.1	<0.94	<0.74	<0.6	<0.92	<2.8	<0.88	<0.86	<0.84	<0.7	<0.76	<2.42

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-12	09/22/14	<3.3	<3.3	251	9.8 J	<1.8	<2.4	<3.5	<3.3	<6.3	<4.1	<4.0	<2.3	<5.5	<3	<0.23	<17	<2.5	<3.1	<6.9	<22	<14	<13.2
	11/13/14	<1.65	<1.65	304	14.6	<0.9	<1.2	<1.75	<1.65	<3.15	<2.05	<2	<1.15	<2.75	<1.5	<1.15	<8.5	<1.25	<1.55	<3.45	<11	<7	<7.51
	03/18/15	<0.74	<0.47	281	13.2	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/22/15	<7.4	<4.7	287	17.7	2.8 J	<4.4	<10	<12	<4.3	<5.4	<6.5	<4.4	<7.1	<8.2	<11	<16	<7.7	<11	<4.4	<16	<15	<31
	09/18/15	<0.49	<0.47	90	4.2 J	1.6 J	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	11/30/15	<2.45	<2.35	230	13.7	26.9	<2.2	<5	<6	<3.25	<2.4	<3.25	<2.2	<3.55	<4.1	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<15.5
	03/11/16	<2.45	<2.35	420	25.1	49	<2.2	<5	<6	<3.25	<2.4	<3.25	<2.2	<3.55	<4.1	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<15.5
	06/06/16	<2.45	<2.35	184	10.9	62	<2.2	<5	<6	<3.25	<2.4	<3.25	<2.2	<3.55	<4.1	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<15.5
	09/29/16	<2.45	<2.35	136	9.2	105	<2.2	<5	<6	<3.25	<2.4	<3.25	<2.2	<3.55	<4.1	<5.5	<8	<3.85	<5.5	<2.2	<8	<7.5	<15.5
	07/25/18	<0.38	<0.3	62	2.33	77	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	0.23 J	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	02/22/19	<0.38	<0.3	101	4.2	51	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
	09/14/20	<0.33	<0.47	89	4	111	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/07/20	<0.33	<0.47	55	1.4	97	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
03/23/21	<0.54	<0.47	64	1.88 J	92	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21	
06/30/21	<1.08	<0.94	19.2	<1.2	105	<0.76	<0.92	<0.62	<1.56	<0.88	<1.1	<0.94	<0.74	<0.6	<0.92	<2.8	<0.88	<0.86	<0.84	<0.7	<0.76	<2.42	
MW-13	09/23/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/13/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	<0.23	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/19/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/22/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	11/30/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/11/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/06/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	07/25/18	<0.38	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
02/22/19	<0.38	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	<0.28	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72	

TABLE 3
SUMMARY OF MONITORING WELL SAMPLE ANALYTICAL RESULTS
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	n-Butylbenzene	sec-Butylbenzene	Chloroethane	1,2-Dichloroethane	1,1-Dichloroethene	Di-isopropyl ether	Ethylbenzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Public Health Enforcement Standard		5	5	70	100	0.2	5	NE	NE	400	5	7	NE	700	NE	60	100	NE	NE	1,000	480	480	10,000
Public Health Preventive Action Limit		0.5	0.5	7	20	0.02	0.5	NE	NE	80	0.5	0.7	NE	140	NE	12	10	NE	NE	200	96	96	1,000
MW-14	09/22/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.5	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	0.92	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	11/12/14	<0.33	<0.33	<0.38	<0.35	<0.18	<0.24	<0.35	<0.33	<0.63	<0.41	<0.4	<2.3	<0.55	<0.3	0.88	<1.7	<0.25	<0.31	<0.69	<2.2	<1.4	<1.32
	03/18/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/22/15	<0.74	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.43	<0.54	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	09/18/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	11/30/15	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	03/11/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	06/06/16	<0.49	<0.47	<0.45	<0.54	<0.17	<0.44	<1	<1.2	<0.65	<0.48	<0.65	<0.44	<0.71	<0.82	<1.1	<1.6	<0.77	<1.1	<0.44	<1.6	<1.5	<3.1
	02/22/19	<0.38	<0.3	<0.37	<0.34	<0.2	<0.22	<0.71	<0.79	<0.61	<0.25	<0.42	<0.21	<0.26	<0.78	0.56 J	<2.1	<0.61	<0.24	<0.19	<0.8	<0.63	<0.72
MW-15	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/07/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	03/22/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.4	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
MW-16	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
MW-16 (DUP-2)	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
MW-16	12/07/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	03/22/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.38	<0.38	<1.21
MW-16 (DUP-1)	03/22/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.78	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
MW-17	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/08/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	03/22/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.84	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21
MW-18	09/15/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	12/07/20	<0.33	<0.47	<0.39	<0.37	<0.2	<0.33	<0.28	<0.32	<1.1	<0.39	<0.5	<0.34	<0.32	<0.32	<0.47	<1.1	<0.33	<0.47	<0.26	<0.3	<0.32	<1.48
	03/23/21	<0.54	<0.47	<0.39	<0.6	<0.17	<0.38	<0.46	<0.31	<0.84	<0.44	<0.55	<0.47	<0.37	<0.3	<0.46	<1.4	<0.44	<0.43	<0.42	<0.35	<0.38	<1.21

Notes:

All concentrations reported in units of micrograms per liter (µg/l)

Only detected compounds are listed

Samples analyzed according to US EPA Method 8260

Bolded values are above detection limits

Bolded and Orange Shaded values indicates an exceedance of the Public Health Enforcement Standard

Bolded and Blue Shaded values indicates an exceedance the Public Health Preventive Action Limit

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

NE = Not Established

NA = Not Analyzed

TABLE 4
DISSOLVED GASES AND REDOX PARAMETERS IN GROUNDWATER
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-1	03/13/14	--	--	--	0.00	-109
	05/28/14	--	--	--	7.31	-52
	09/23/14	1.4 J	<0.5	34.7	0.00	-98
	11/14/14	<0.5	<0.5	25.8	8.37	-44
	03/19/15	<0.5	<0.5	30.9	0.58	-24
	06/23/15	<0.5	<0.5	13.6	0.02	-61
	09/17/15	<0.5	<0.5	26.0	0.00	-40
	12/01/15	0.68 J	<0.5	139	3.04	-48
	09/15/20	--	--	--	0.05	-35
	12/08/20	<0.5	<0.5	38	0.20	-27
	03/23/21	<0.5	<0.5	17.2	2.97	-60
	07/01/21	<0.5	<0.5	24.1	1.10	-33
	MW-2	03/13/14	--	--	--	0.11
05/28/14		--	--	--	0.00	-83
09/23/14		0.65 J	1.6	1,390	0.00	-51
11/14/14		1.0 J	1,790	1,080	5.93	-62
03/20/15		<1	<1	2,160	1.58	-36
06/23/15		<2.5	<2.5	1,090	0.21	37
09/18/15		<0.5	<0.5	<1	0.00	247
11/30/15		<1	<1	1,620	3.95	85
09/15/20		--	--	--	0.03	-12
12/08/20		<0.5	31.9	3,680	0.17	16
03/23/21		23.4	5.78	1,890	6.32	28
06/30/21		6.94	2.39	1,890	3.17	52
MW-3		03/12/14	--	--	--	0.00
	05/28/14	--	--	--	0.00	-48
	09/23/14	<0.5	<0.5	62.3	0.00	-90
	11/13/14	<0.5	<0.5	80.4	2.78	-39
	03/20/15	<0.5	<0.5	83.5	0.87	-28
	06/23/15	<0.5	0.55 J	171	0.00	-53
	09/17/15	<0.5	0.51 J	68.8	0.00	2
	12/01/15	<0.5	<0.5	1.82 J	0.00	-64
	09/15/20	--	--	--	0.08	-42
	12/08/20	<0.5	<0.5	562	0.31	-21
	03/24/21	<0.5	<0.5	267	0.73	-45
	07/01/21	<0.5	<0.5	729	1.09	231

TABLE 4
DISSOLVED GASES AND REDOX PARAMETERS IN GROUNDWATER
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-3D	03/12/14	--	--	--	0.00	-195
	05/28/14	--	--	--	0.00	-198
	09/22/14	--	--	--	0.00	-199
	11/12/14	--	--	--	11.22 *	-125
	03/20/15	--	--	--	0.98	-68
	06/23/15	--	--	--	0.03	-150
	09/17/15	--	--	--	0.00	33
	12/01/15	--	--	--	0.00	-106
MW-4	03/12/14	--	--	--	0.00	-111
	05/28/14	--	--	--	6.67	-51
	09/22/14	--	--	--	10.71 *	-84
	11/12/14	--	--	--	8.78	-33
	03/18/15	--	--	--	0.00	-36
	06/23/15	--	--	--	5.25	-7
	09/17/15	--	--	--	0.00	-20
	11/30/15				4.54	-29
MW-5	03/13/14	--	--	--	6.22	-95
	05/29/14	--	--	--	0.00	-27
	09/23/14	<0.5	<0.5	5.4	0.00	-79
	11/14/14	<0.5	<0.5	10.8	0.57	-41
	03/19/15	<0.5	<0.5	20.3	0.52	-7
	06/23/15	<0.5	<0.5	5.26	0.05	-37
	09/18/15	<0.5	<0.5	8.21	7.30	96
	12/02/15	<0.5	<0.5	11.8	0.05	-38
MW-6	03/12/14	--	--	--	6.22	-95
	05/28/14	--	--	--	6.63	-45
	09/23/14	<0.5	0.78 J	187	0.00	-89
	11/13/14	<0.5	<0.5	124	0.00	-47
	03/19/15	<0.5	1.1 J	704	0.00	-33
	6/23/15	<0.5	<0.5	26.1	0.06	-45
	09/17/15	<0.5	0.81 J	115	0.00	-43
	12/01/15	<0.5	<0.5	64.6	0.00	-77
	09/15/20	--	--	--	0.06	-50
	03/24/21	<0.5	<0.5	1,080	0.26	-56
	07/01/21	<0.5	<0.5	1,310	0.26	-44

TABLE 4
DISSOLVED GASES AND REDOX PARAMETERS IN GROUNDWATER
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-7	03/13/14	--	--	--	0.00	-142
	05/28/14	--	--	--	0.00	-156
	09/22/14	--	--	--	0.00	-146
	11/12/14	--	--	--	0.16	-100
	03/20/15	--	--	--	1.10	-76
	06/23/15	--	--	--	1.50	-102
	09/18/15	--	--	--	0.00	-37
	12/01/15	--	--	--	0.00	-119
	09/15/20	--	--	--	0.03	-190
	03/23/21	--	--	--	5.94	-198
	MW-8	03/12/14	--	--	--	0.00
05/29/14		--	--	--	0.00	-60
09/22/14		--	--	--	0.00	-107
11/13/14		--	--	--	2.57	-26
03/20/15		--	--	--	1.13	-39
06/22/15		--	--	--	1.33	-63
09/18/15		--	--	--	0.36	-79
12/02/15		--	--	--	4.94	-22
09/15/20		--	--	--	0.05	-67
03/24/21		--	--	--	1.69	-34
MW-9		03/12/14	--	--	--	0.00
	05/29/14	--	--	--	0.00	-40
	09/22/14	--	--	--	0.00	-84
	11/12/14	--	--	--	10.14 *	-39
	03/18/15	--	--	--	0.15	-46
	06/22/15	--	--	--	0.10	-41
	09/18/15	--	--	--	1.49	-52
	12/02/15	--	--	--	0.00	-22
	09/15/20	--	--	--	0.09	-21
	12/08/20	--	--	--	1.08	-22
	03/22/21	--	--	--	0.12	-40

TABLE 4
DISSOLVED GASES AND REDOX PARAMETERS IN GROUNDWATER
Martino's Master Drycleaners
7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-10	NI	--	--	--	--	--
	NI	--	--	--	--	--
	09/22/14	--	--	--	0.00	-126
	11/13/14	--	--	--	0.11	-42
	03/18/15	--	--	--	0.67	-20
	06/22/15	--	--	--	0.02	-62
	09/18/15	--	--	--	0.21	-88
	12/01/15	--	--	--	0.05	4
	09/15/20	--	--	--	0.07	-42
	12/08/20	1.83	1.56	2,660	2.15	-27
	03/23/21	<0.5	<0.5	1,490	2.31	-52
	06/30/21	<0.5	1.61	3,200	0.46	-60
MW-11	09/23/14	<0.5	2.2	95.5	0.00	-99
	11/14/14	<0.5	0.92 J	110	0.09	-50
	03/18/15	<0.5	1.0 J	85.4	0.96	-30
	06/23/15	<0.5	0.51 J	99.8	0.19	-42
	09/18/15	<0.5	<0.5	36.3	3.06	140
	12/01/15	<0.5	<0.5	75.6	4.60	-43
	09/15/20	--	--	--	0.07	-45
	12/07/20	<0.5	<0.5	41.0	1.42	-10
	03/23/21	<0.5	<0.5	655	0.72	24
	06/30/21	2.13	<0.5	1,870	1.28	-15
MW-12	09/22/14	--	--	--	0.00	-72
	11/13/14	--	--	--	10.86 *	-38
	03/18/15	--	--	--	0.90	-24
	06/22/15	--	--	--	0.79	-53
	09/18/15	--	--	--	1.08	190
	11/30/15	--	--	--	5.74	-48
	09/15/20	--	--	--	0.11	-49
	12/07/20	<0.5	5.39	1,130	0.69	-56
	03/23/21	6.86	<0.5	572	1.74	-72
	06/30/21	26.8	<0.5	612	0.98	-37
MW-13	09/23/14	<0.5	<0.5	28.1	0.00	-62
	11/13/14	<0.5	<0.5	31.4	0.00	-5
	03/19/15	<0.5	<0.5	17.3	1.03	92
	06/22/15	<0.5	<0.5	10.3	0.00	-7
	09/18/15	<0.5	<0.5	16.9	1.40	181
	11/30/15	<0.5	<0.5	8.41	7.07	-18

TABLE 4
DISSOLVED GASES AND REDOX PARAMETERS IN GROUNDWATER
 Martino's Master Drycleaners
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (µg/L)	Ethene (µg/L)	Methane (µg/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-14	09/22/14	--	--	--	8.79	-119
	11/13/14	--	--	--	11.23 *	-42
	03/18/15	--	--	--	0.50	-42
	06/22/15	--	--	--	7.25	-50
	09/18/15	--	--	--	0.33	-78
	11/30/15	--	--	--	0.42	-83
MW-15	09/15/20	--	--	--	0.06	-49
	12/07/20	--	--	--	0.76	-50
	03/22/21	--	--	--	0.97	-59
MW-16	09/15/20	--	--	--	0.04	-31
	12/07/20	--	--	--	1.07	-43
	03/22/21	--	--	--	0.18	-46
MW-17	09/15/20	--	--	--	4.60	143
	12/07/20	--	--	--	4.17	37
	03/22/21	--	--	--	4.92	53
MW-18	09/15/20	--	--	--	0.04	-8
	12/07/20	--	--	--	0.62	-2
	03/23/21	--	--	--	1.48	41

Notes:

µg/L - micrograms per liter

mg/L = milligrams per liter

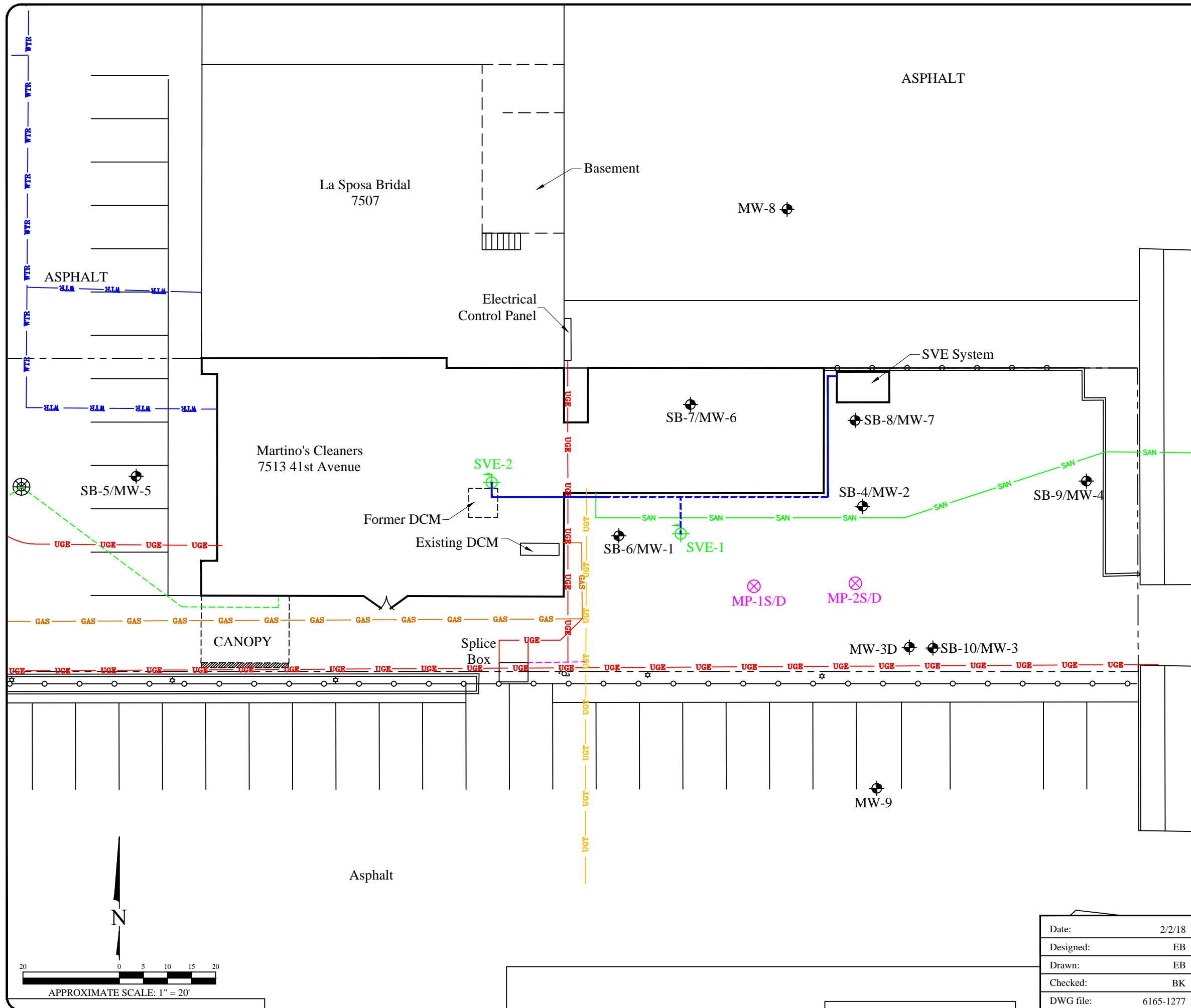
mV = millivolts

* = Dissolved oxygen concentrations above 10 mg/L; malfunction of probe/sensor suspected.

-- = Not Analyzed

J = Estimated concentration between the laboratory Reporting Limit and Method Detection Limit

FIGURES

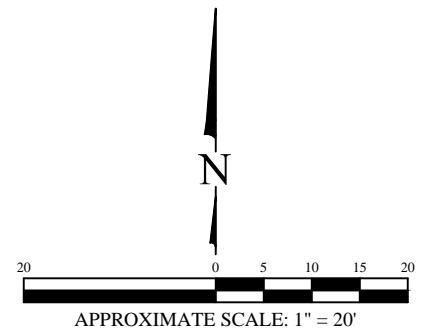


Legend

- Property boundary
- Fence line
- GAS— Underground gas utility line
- WTR— Underground water utility line
- SAN— Underground sanitary utility line
- - - - - Underground storm utility line
- OVHD— Over head electrical utility line
- UGE— Underground electrical utility line
- UGT— Underground cable television utility line
- MW-5 Monitoring well location
- SVE-1 SVE extraction well location
- MP-1S/D Nested SVE monitoring points
- SVE conveyance piping (dashed indicates buried section)

SVE REMEDIATION SYSTEM LAYOUT

Martino's Cleaners
7513 41st Avenue
Kenosha, WI

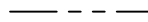
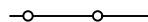







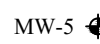
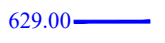



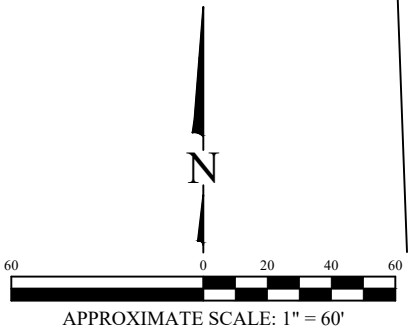
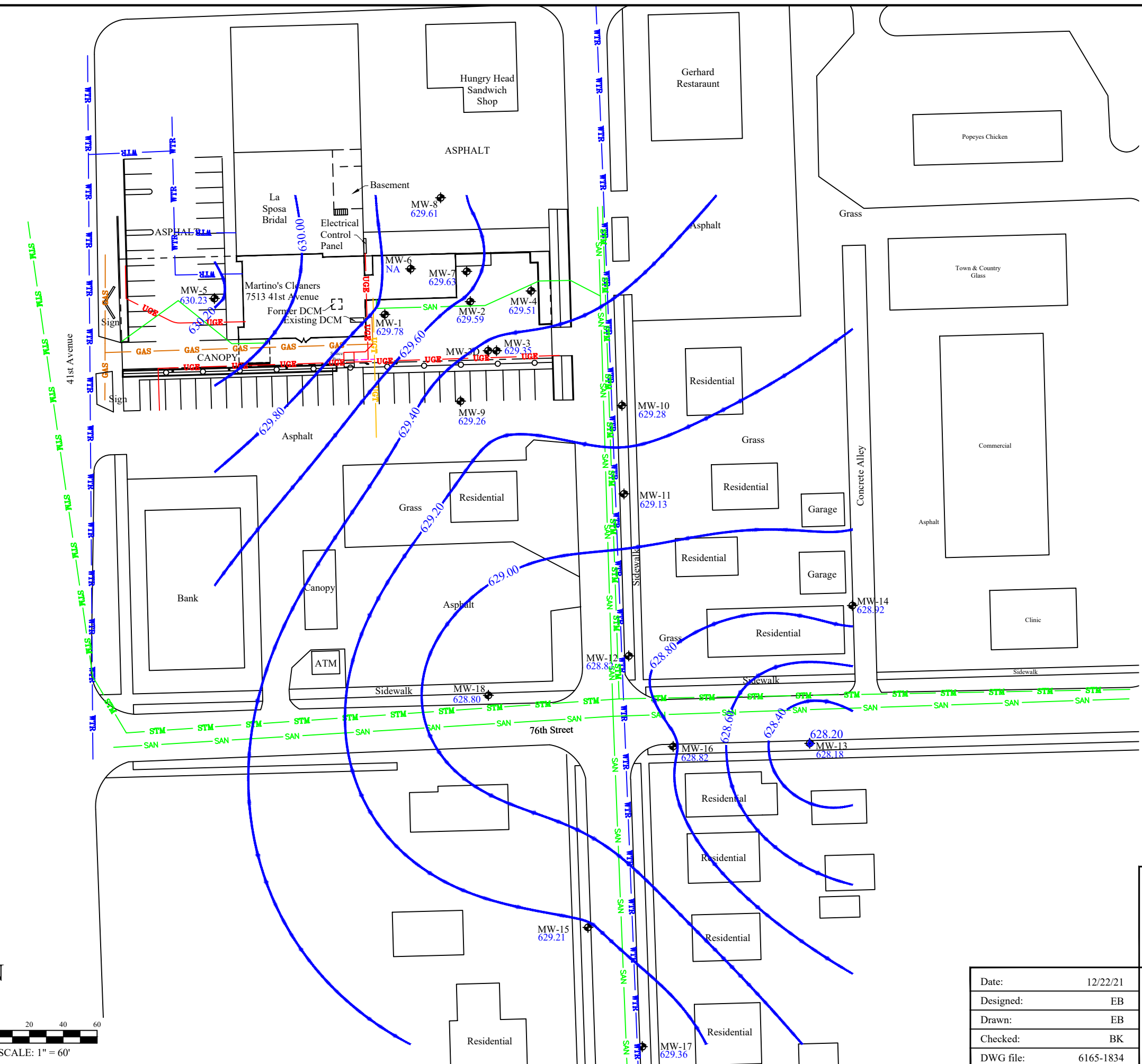
Date:	2/2/18
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1277

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Figure	1
Project	6165

Legend

-  Property boundary
-  Fence line
-  GAS — Underground gas utility line
-  WTR — Underground water utility line
-  SAN — Underground sanitary utility line
-  STM — Underground storm utility line
-  OVHD — Over head electrical utility line
-  UGE — Underground electrical utility line
-  UGT — Underground cable television utility line
-  MW-5 — Monitoring well location
-  629.00 — Groundwater elevation contour
-  629.78 — Groundwater elevation (feet above mean sea level)



WATER TABLE CONTOUR MAP MARCH 22, 2021

Martino's Cleaners
7513 41st Avenue
Kenosha, WI

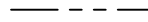











Date:	12/22/21
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1834

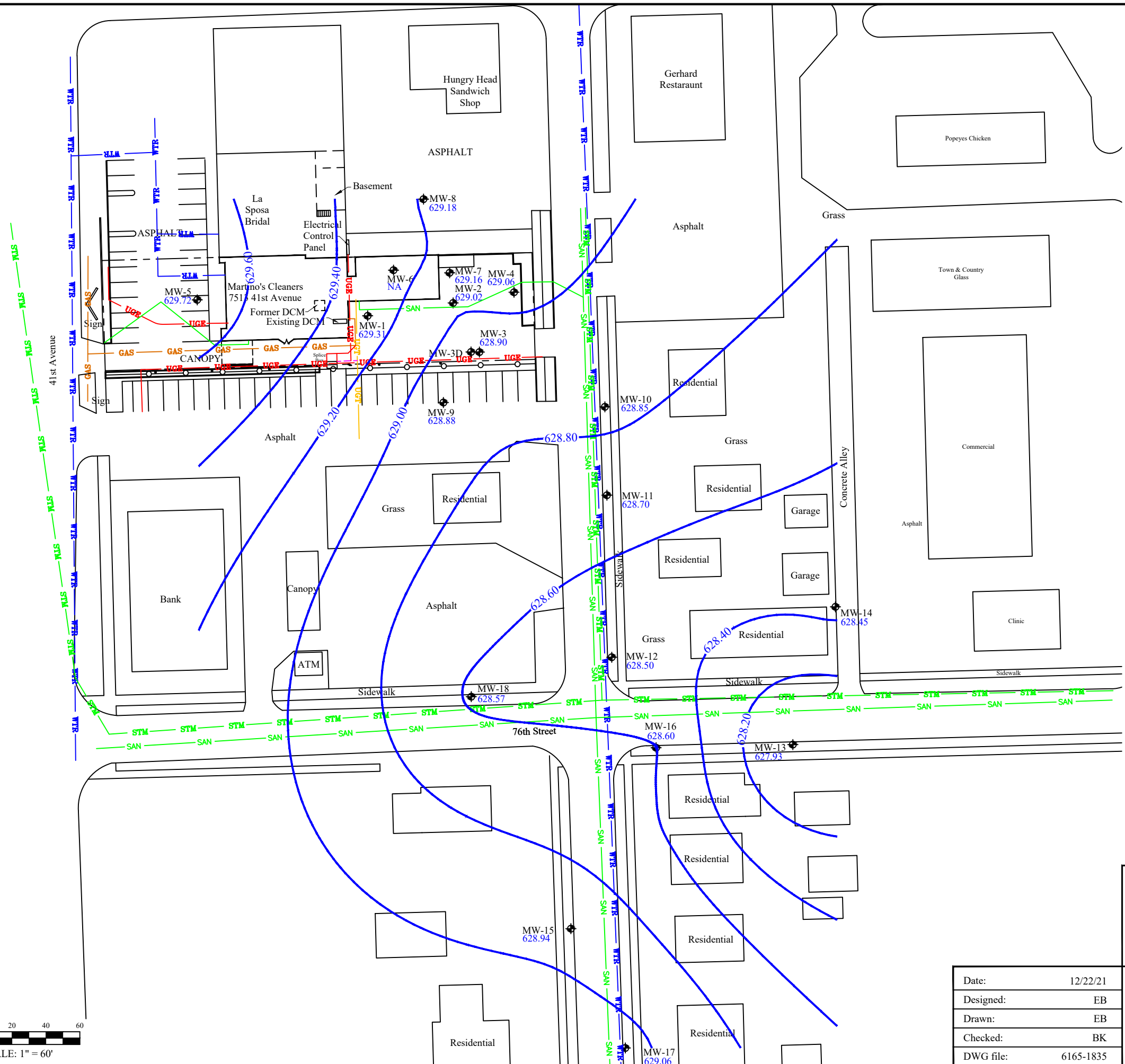


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Figure	2
Project	6165

Legend

-  Property boundary
-  Fence line
-  GAS — Underground gas utility line
-  WTR — Underground water utility line
-  SAN — Underground sanitary utility line
-  STM — Underground storm utility line
-  OVHD — Over head electrical utility line
-  UGE — Underground electrical utility line
-  UGT — Underground cable television utility line
-  MW-5 — Monitoring well location
-  628.80 — Groundwater elevation contour
-  629.31 — Groundwater elevation (feet above mean sea level)



WATER TABLE CONTOUR MAP
JUNE 30, 2021

Martino's Cleaners
 7513 41st Avenue
 Kenosha, WI

Date:	12/22/21
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1835



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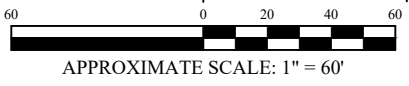
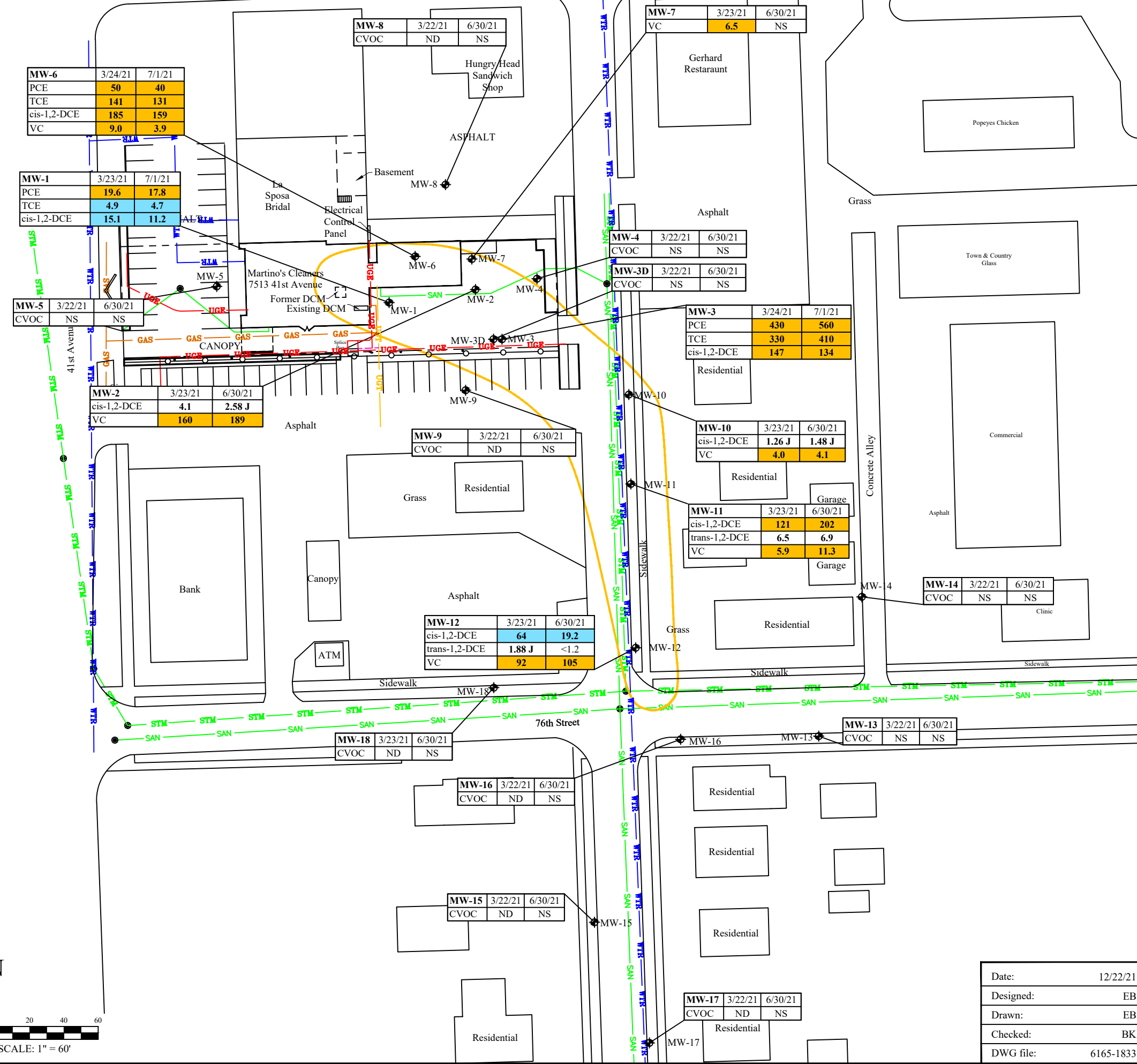
Figure	3
Project	6165

Legend

- Property boundary
- Fence line
- GAS - Underground gas utility line
- WTR - Underground water utility line
- SAN - Underground sanitary utility line
- - - - - Underground storm utility line
- OVHD - Over head electrical utility line
- UGE - Underground electrical utility line
- UGT - Underground cable television utility line
- MW-5 - Monitoring well location

Analytes	Public Health	
	Enforcement Standards	Preventive Action Limit
PCE	5	0.5
TCE	5	0.5
cis-1,2-DCE	70	7
trans-1,2-DCE	100	20
VC	0.2	0.02

- Notes:**
1. Bold, shaded orange values exceed Public Health Enforcement Standards
 2. Bold, shaded blue values exceed Public Health Preventive Action Limit
 3. Bold values equal or exceed laboratory detection limits
 4. Results not shown are below laboratory detection limits
 5. PCE = Tetrachloroethene
 6. TCE = Trichloroethene
 7. cis-1,2-DCE = cis-1,2-Dichloroethene
 8. trans-1,2-DCE = trans-1,2-Dichloroethene
 9. VC = Vinyl Chloride
 10. J = Analyte concentration detected between the Laboratory Reporting Limit and the laboratory Method Detection Limit
 11. ND = Compounds not detected
 12. NS = Not sampled
 13. CVOCs = Chlorinated Volatile Organic Compounds
- Extent of CVOCs impacts exceeding enforcement standards



CVOC CONCENTRATIONS IN GROUNDWATER - 2021

Martino's Cleaners
7513 41st Avenue
Kenosha, WI

Date:	12/22/21
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1833



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Figure	4
Project	6165

SVE DATA CHARTS

Chart 1

Vapor Phase CVOC Concentration Trend

Martino's Master Dry Cleaners - 7513 41st Avenue, Kenosha, Wisconsin

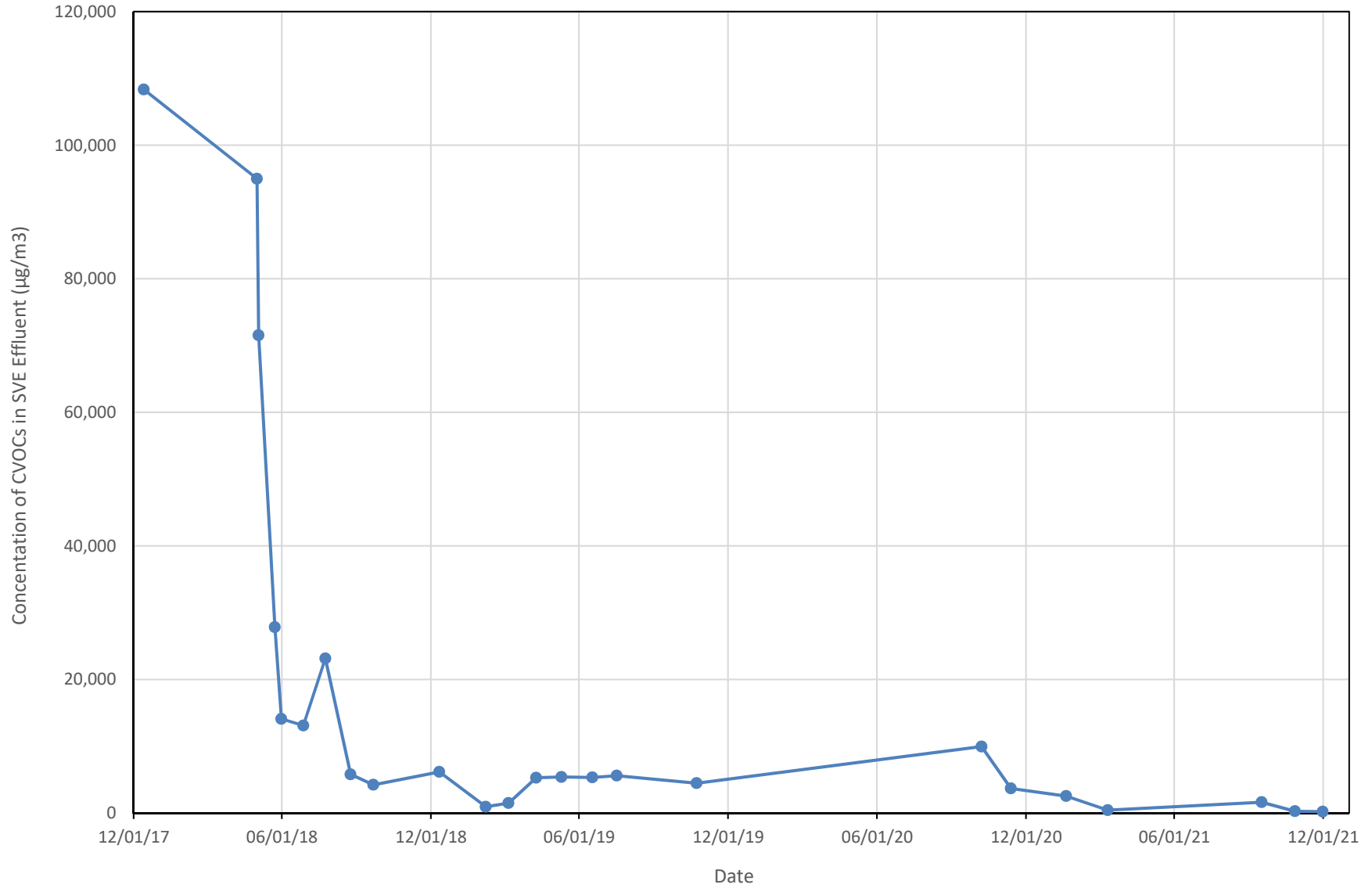
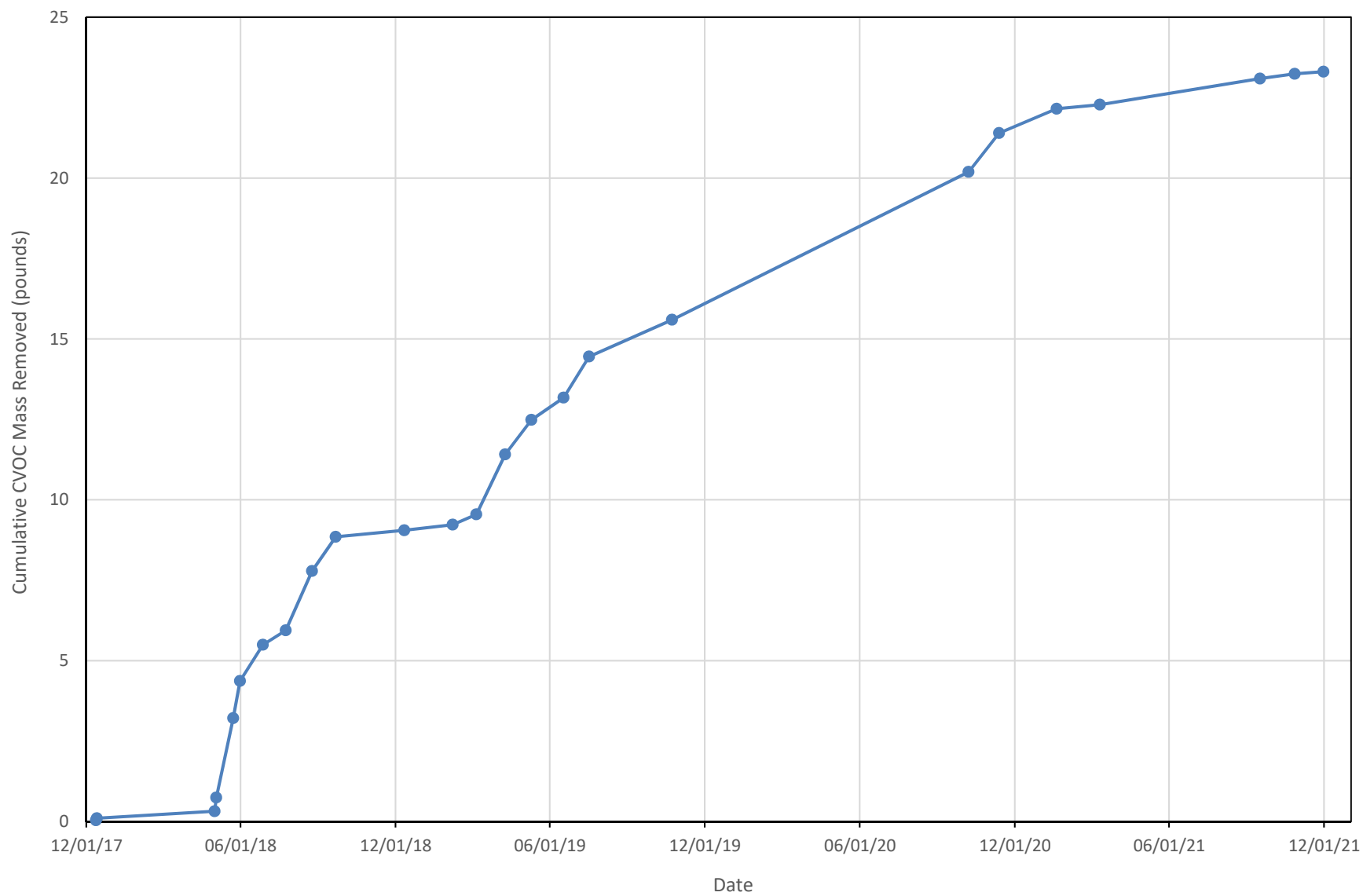


Chart 2

CVOC Mass Removal by Soil Vapor Extraction

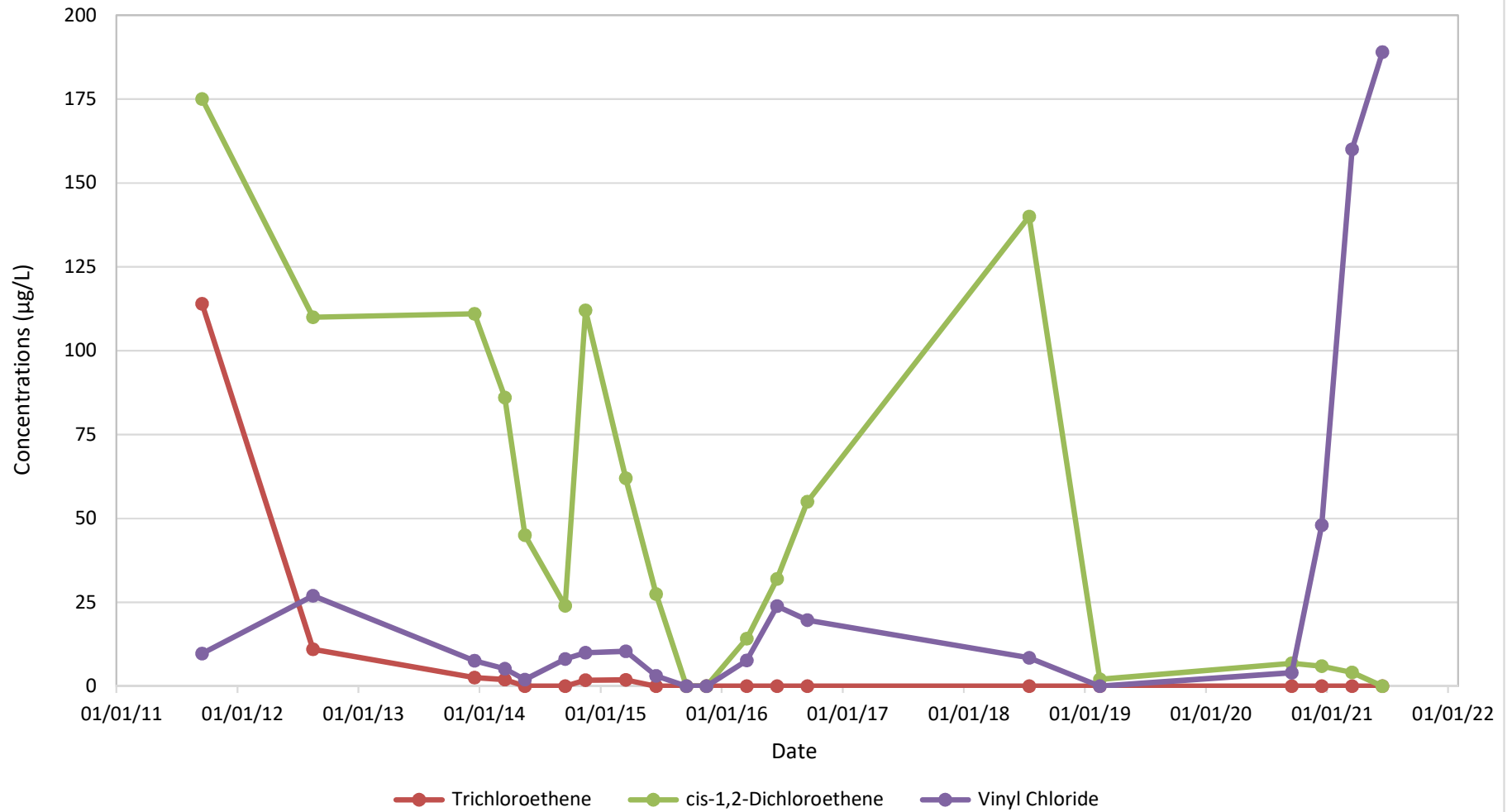
Martino's Master Dry Cleaners - 7513 41st Avenue, Kenosha, Wisconsin



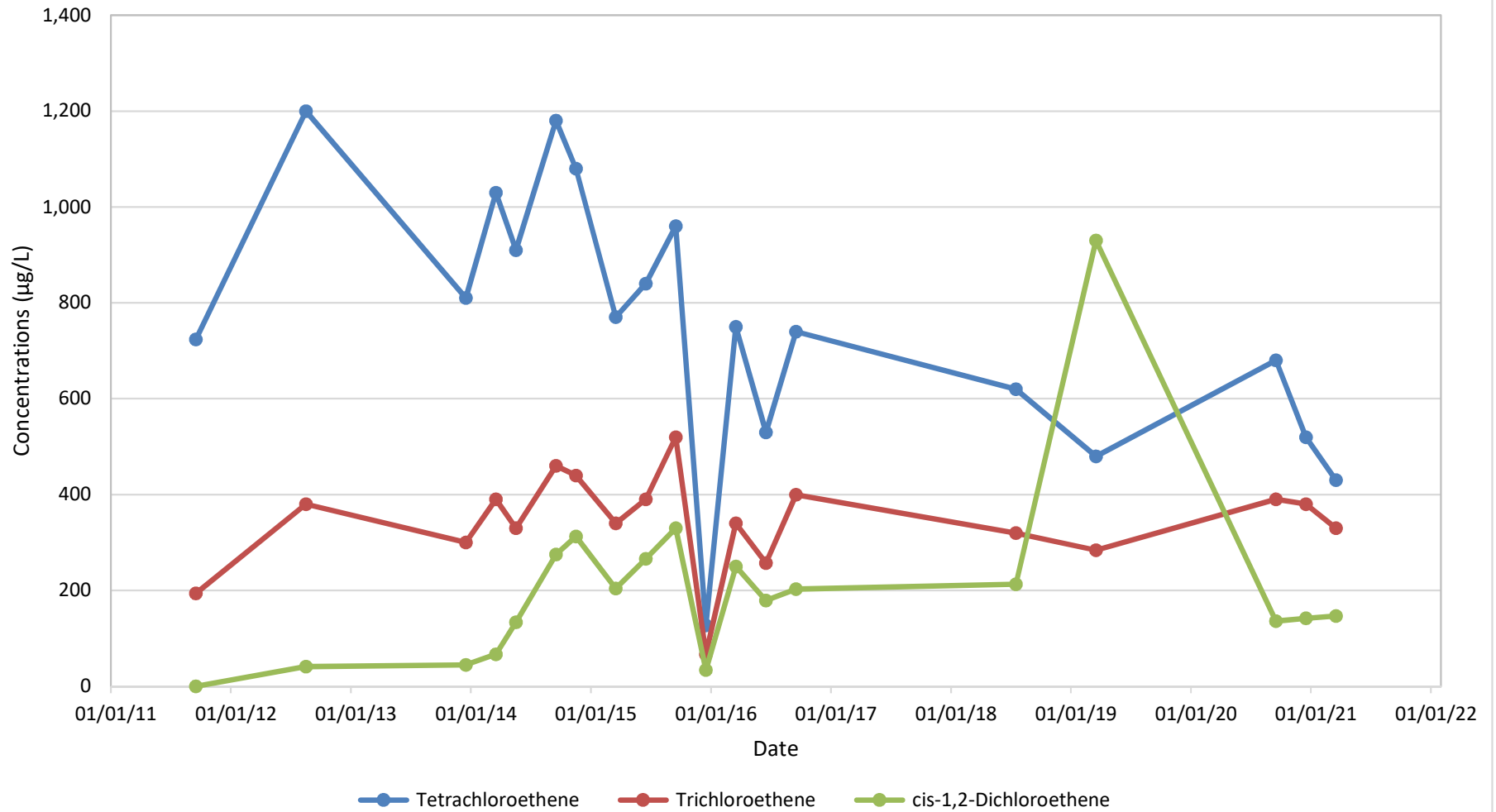
ATTACHMENT 1

GROUNDWATER CONCENTRATION TREND CHARTS

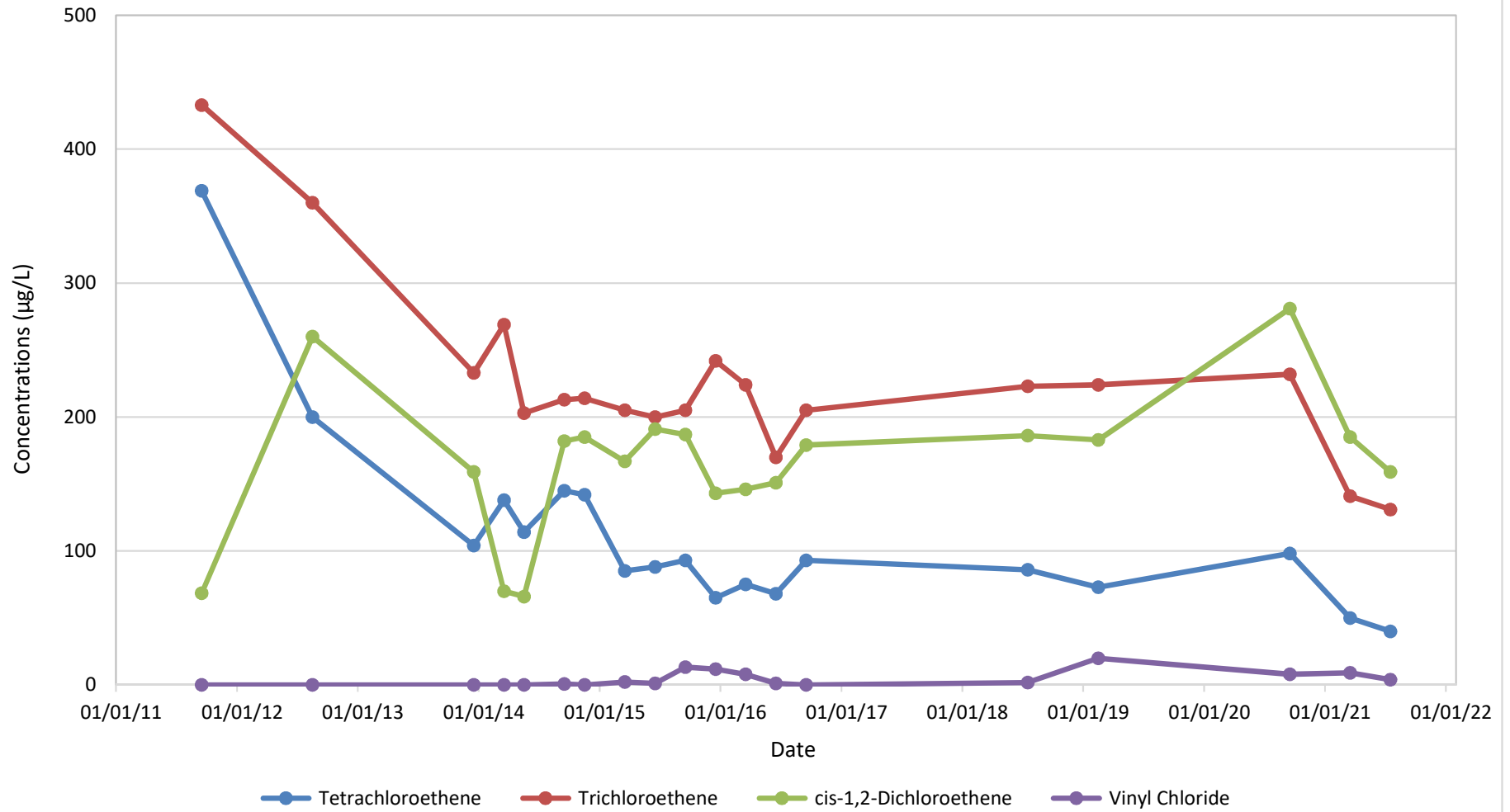
MW-2 VOC Concentration Trends



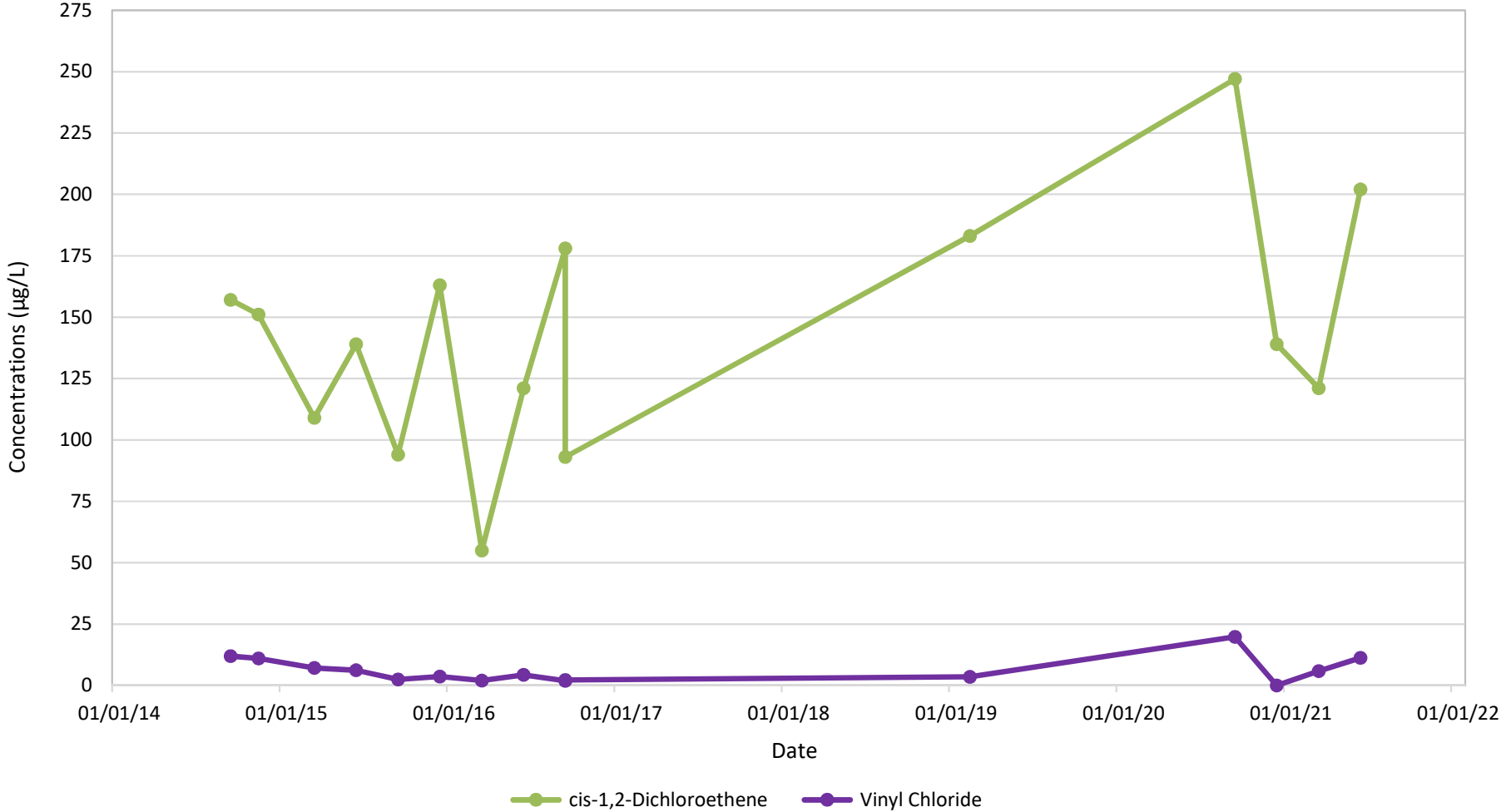
MW-3 VOC Concentrations Trends



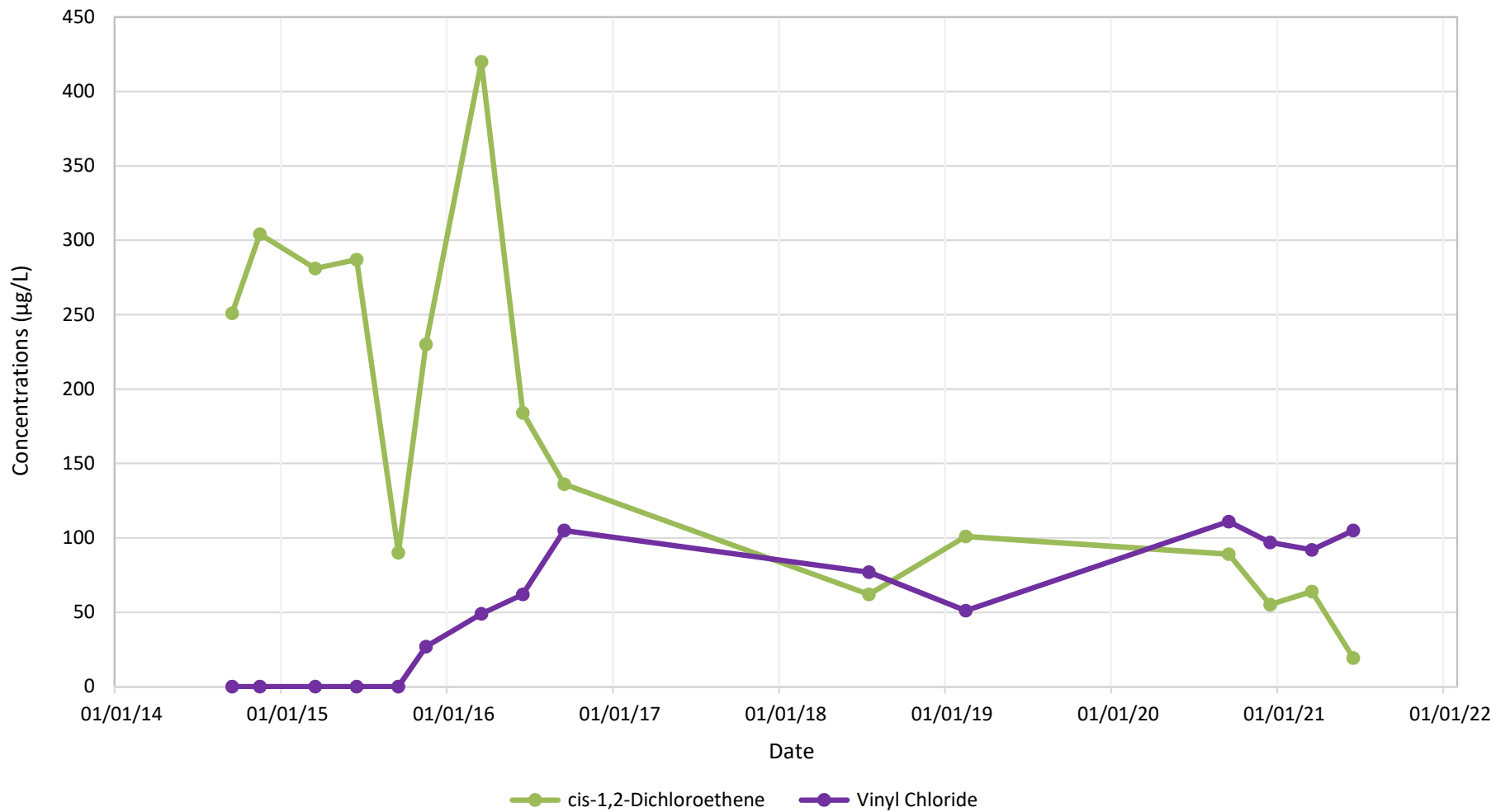
MW-6 VOC Concentration Trends



MW-11 VOC Concentration Trends



MW-12 VOC Concentration Trends



VOC Concentration vs. Distance - June 2021

