



January 27, 2021

Jane Pfeiffer  
Wisconsin Department of Natural Resources  
2300 North Dr. Martin Luther King, Jr Drive  
Milwaukee, WI 53212

**Re: Remediation Site Operation, Maintenance, Monitoring & Optimization Report  
Martino's Master Dry Cleaners  
BRRTS# 02-30-552188**

Dear Ms. Pfeiffer,

A semi-annual report on remediation progress report for the Martino's Master Dry Cleaners facility located at 7513 41<sup>st</sup> Avenue in Kenosha, Wisconsin (the Site) is enclosed. In addition to information on the soil vapor extraction (SVE) system, the report includes recent groundwater monitoring data which demonstrate advanced degradation of the dry cleaning solvent (PCE), especially in the downgradient part of the plume (see Section GW-3).

The use of natural attenuation as the groundwater remedy has been part of the remedial strategy for the Site for several years but has not been formally documented until now. Periodic groundwater monitoring is planned for the near future to confirm the extent of the groundwater plume and track contaminant concentration trends.

If you have any questions, please don't hesitate to contact me at 262-745-5054 or [bkappen@enviroforensics.com](mailto:bkappen@enviroforensics.com).

Regards,  
**EnviroForensics, LLC**

A handwritten signature in blue ink, appearing to read "B. J. Kappen".

Brian Kappen, PG  
*Project Manager*

*Document: 6165-1743*

**GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM:**

Completion of the applicable portions of this form is required under Wis. Admin. Code § NR 724.13(3). Failure to submit this form as required is a violation of that rule section and is subject to the penalties in Wis. Stats. § 292.99. This form must be submitted every six months for remediation projects that report operation and maintenance progress, in accordance with Wis. Admin. Code §. NR 724.13(3). A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Submittal of this form is not a substitute for reporting required by department programs such as Waste Water or Air Management.

**Notes:**

1. Long-term monitoring results submitted in accordance with Wis. Admin. Code § NR 724.17(3) are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with that section of code.
2. Responsible parties should check with the department Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent state-lead response.
3. Responsible parties should check with the department Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and should obtain prior written approval for any omissions or changes.
4. Responsible parties are required to report separately on a semi-annual basis under Wis. Admin. Code § NR 700.11(1). Reporting under that provision is through an internet-based form. More information can be found at: <http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf>.
5. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by Remediation and Redevelopment Program. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Law (Wis. Stats. §§ 19.31–19.39).

**Section GI - General Site Information**

**A. General Information**

1. Site name

Martino's Master Dry Cleaner

2. Reporting period from: 07/01/2020 To: 12/31/2020 Days in period: 184

3. Regulatory agency (enter DNR, DATCP and/or other) DNR  
 4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific) 02-30-552188

5. Site location

Region	County	Address						
Southeast Region	Kenosha	7513 41st Ave						
Municipality name	<input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village		Township	Range	<input checked="" type="radio"/> E <input type="radio"/> W	Section	¼	¼
Kenosha			01 N	22		11	NE	NE

6. Responsible party	7. Consultant		
Name	<input type="checkbox"/> Select if the following information has changed since the last submittal		
Martino's Master Dry Cleaners			
Mailing address	Company name		
7513 41st Ave, Kenosha, WI 53142	EnviroForensics, LLC		
Phone number	Mailing address	Phone number	
(262) 694-7858	N16W23390 Stone Ridge Drive, Suite G	(262) 290-4001	

8. Contaminants  
 Volatile Organic Compounds (tetrachloroethene, trichloroethene, dichloroethene, vinyl chloride)

9. Soil types (USCS or USDA)  
 SP, CL

10. Hydraulic conductivity(cm/sec): 0.010	11. Average linear velocity of groundwater (ft/yr) 186
--	---

Site name: Martino's Master Dry Cleaner

Reporting period from: 07/01/2020

To: 12/31/2020

Days in period: 184

## Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

Page 2 of 30

12. If soil is treated ex situ, is the treatment location off site?

Yes  No

If yes, give location: Region

County

Municipality name  City  Town  Village

Township  
N

Range  E  
 W

Section

¼

¼ ¼

### B. Remediation Method

Only submit sections that apply to an individual site. Check all that apply:

- Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
- Other ex situ remediation method (submit a completed Section ES-3).
- Site is a landfill (submit a completed Section LF-1).
- Biopiles (submit a completed Section ES-1).
- Other in situ soil remediation method (submit a completed Section IS-3).
- Soil natural attenuation (submit a completed Section IS-2).
- Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- Other groundwater remediation method (submit a completed Section GW-4).
- Groundwater natural attenuation (submit a completed Section GW-3).
- In situ air sparging (submit a completed Section GW-2).
- Free product recovery (submit a completed Section GW-1).
- Groundwater extraction (submit a completed Section GW-1).

### C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attenuation), complete this subsection.

1. Is the system operating at design rates and specifications?

Yes  No

If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.  
The SVE system shuts down frequently due to phantom alarms. The blower was recently refurbished and alarm notification system added.

2. Are modifications to the system warranted to improve effectiveness

Yes  No

If yes, explain:

3. Is natural attenuation an effective low cost option at this time?

Yes  No

4. Is closure sampling warranted at this time?

Yes  No

5. Are there any modifications that can be made to the remediation to improve cost effectiveness?

Yes  No

If yes, explain:

Site name: Martino's Master Dry Cleaner

Reporting period from: 07/01/2020

To: 12/31/2020

Days in period: 184

## Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

Page 3 of 30

### D. Economic and Cost Data to Date

- |  |              |
|--|--------------|
| 1. Total investigation cost:   | \$454,023.00 |
| 2. Implementation costs (design, capital and installation costs, excluding investigation costs): | \$347,886.00 |
| 3. Total costs during the previous reporting period:   | \$10,000.00  |
| 4. Total costs during this reporting period:   | \$36,078.00  |
| 5. Total anticipated costs for the next reporting period:  | \$20,000.00  |
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above?  Yes  No

If yes, explain:

Non-routine SVE system maintenance, including refurbishing the blower and adding an alarm notification device, was completed during this previous reporting period.

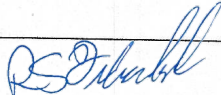
7. If closure is anticipated within 12 months, estimated costs for project closeout:

### E. Name(s), Signature(s) and Date of Person(s) Submitting Form

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

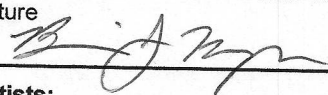
#### Registered Professional Engineers:

I 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.

Print name	Title
Robert Fedorchak	Senior Engineer
Signature 	Date
	01/27/2021

#### Hydrogeologists:

I 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.

Print name	Title
Brian Kappen	Senior Geologist
Signature 	Date
	1/27/2021

#### Scientists:

I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), 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.

Print name	Title
Signature	Date

#### Other Persons:

Print name	Title
Signature	Date

Site name: Martino's Master Dry Cleaner

Reporting period from: 07/01/2020

To: 12/31/2020

Days in period: 184

# Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

Page 4 of 30

Professional Seal(s), if applicable:



Site name: Martino's Master Dry Cleaner

Reporting period from: 07/01/2020

To: 12/31/2020

Days in period: 184

# Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

Page 8 of 30

## Section GW-3, Natural Attenuation (Passive Bioremediation) in Groundwater

### A. Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a

a. Contaminant: PCE (at MW-3)

b. Percent reduction necessary to reach ch. NR 140 ES and PAL:

99 %

c. Maximum contaminant concentration level in any monitoring well of that contaminant:

530 µg/L

2. Aquifer parameters:

a. Hydraulic conductivity:

0.010 cm/sec

b. Groundwater average linear velocity:

186 ft/yr

3. Is there a downgradient monitoring well that meets ch. NR 140 standards?

Yes  No

4. Based on water chemistry results, is the plume:  Expanding  Stabalized  Contracting ?

5. If the answer in 4. (above) is "expanding," is natural attenuation still the best option?

Yes  No

If yes, explain:

6. Biodegradation parameters:

a. Upgradient (or other site specific background) DO level:

1,000 µg/L

b. DO levels in the part of the plume that is most heavily contaminated

310 µg/L

7. Is site closure a viable option within 12 months from the date of this form?

Yes  No

8. Are there any modifications that can improve cost effectiveness?

Yes  No

If yes, explain:

9. Have groundwater table fluctuations changed the contaminant level trends over time?

Yes  No

If yes, explain:

10. Has the direction of groundwater flow changed during the reporting period?

Yes  No

If yes, approximate change in degrees: \_\_\_\_\_

### B. Additional Attachments

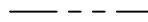
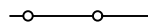







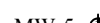


Attach the following:

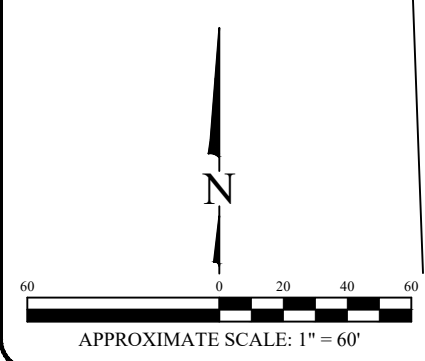
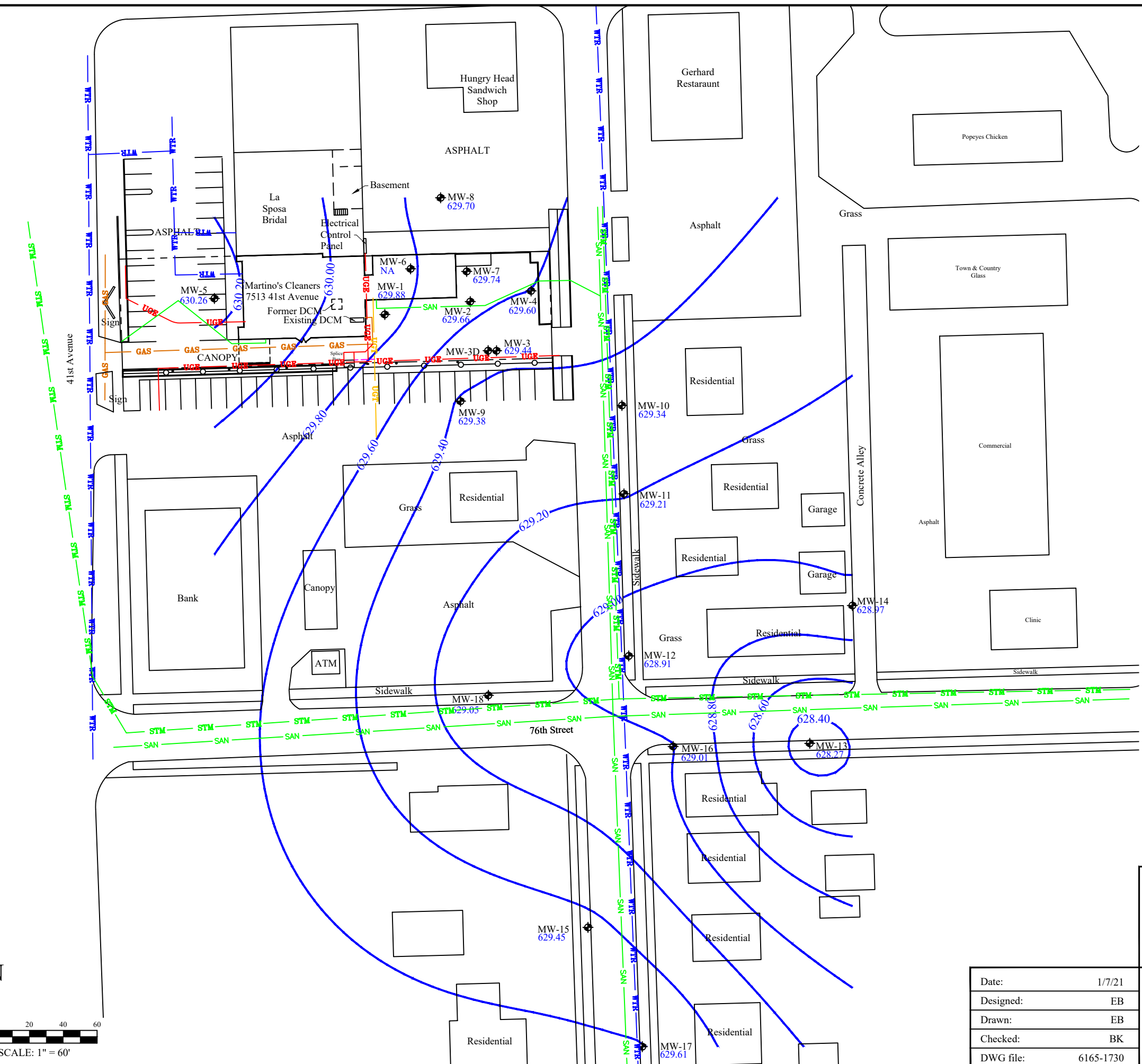
- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.

Note: This is the minimum required graph; however, it is recommended that multiple time versus contamination concentration graphs as described in the instructions on page 24 for Natural Attenuation of Groundwater be submitted.

- Graph of contaminant concentrations versus distance.
- Groundwater contaminant chemistry table.
- Groundwater biological parameters.
- Groundwater elevations table.

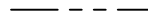











### Legend

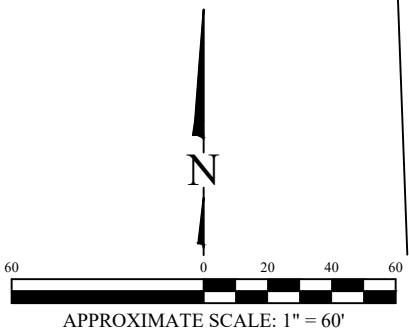
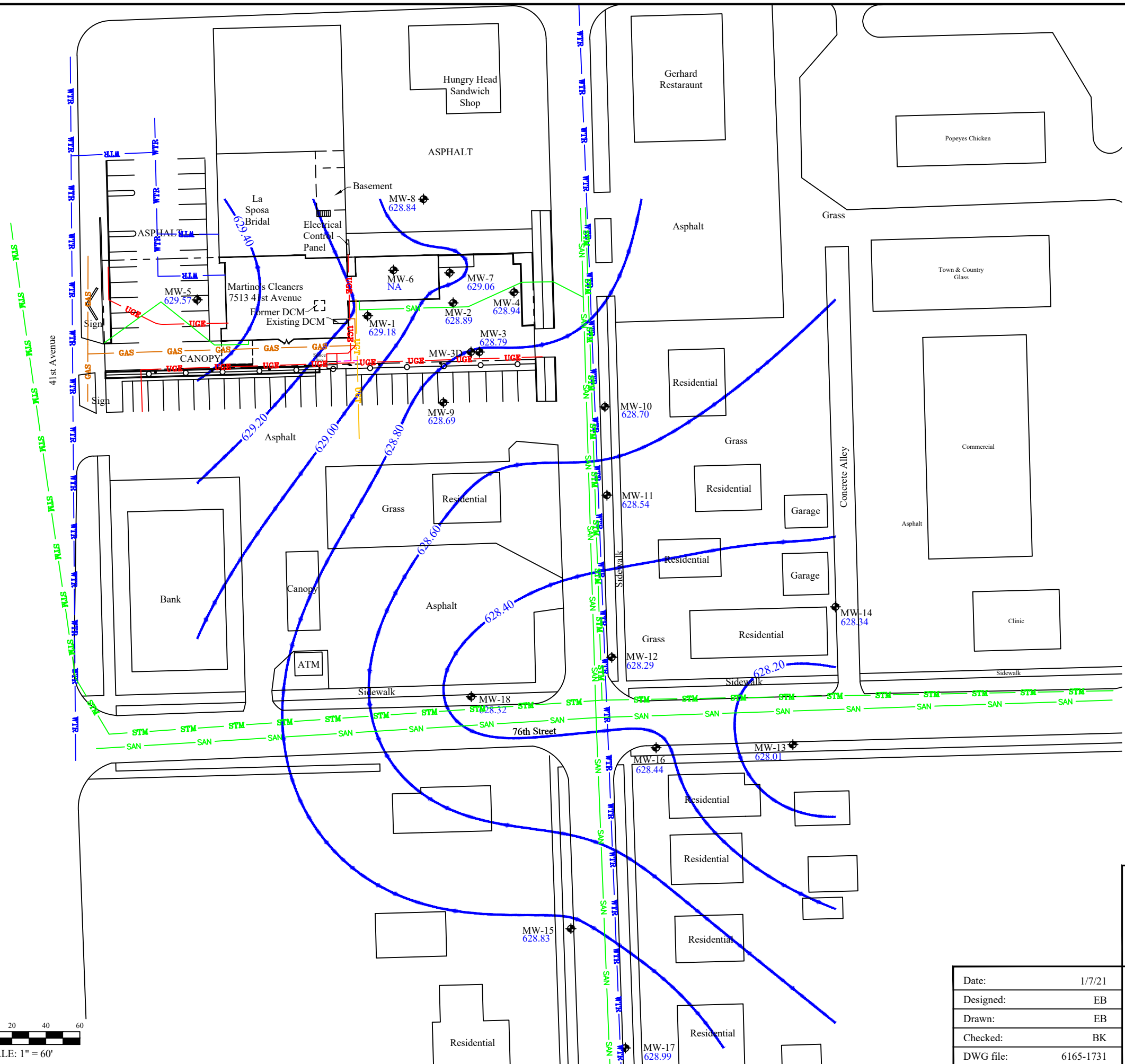
-  Property boundary
-  Fence line
-  GAS Underground gas utility line
-  WTR Underground water utility line
-  SAN Underground sanitary utility line
-  STM Underground storm utility line
-  OVHD Over head electrical utility line
-  UGE Underground electrical utility line
-  UGT Underground cable television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



<b>WATER TABLE CONTOUR MAP</b> SEPTEMBER 14, 2020  Martino's Cleaners 7513 41st Avenue Kenosha, WI															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Date:</td><td>1/7/21</td></tr> <tr><td>Designed:</td><td>EB</td></tr> <tr><td>Drawn:</td><td>EB</td></tr> <tr><td>Checked:</td><td>BK</td></tr> <tr><td>DWG file:</td><td>6165-1730</td></tr> </table>	Date:	1/7/21	Designed:	EB	Drawn:	EB	Checked:	BK	DWG file:	6165-1730	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Figure</td><td>1</td></tr> <tr><td>Project</td><td>6165</td></tr> </table>	Figure	1	Project	6165
Date:	1/7/21														
Designed:	EB														
Drawn:	EB														
Checked:	BK														
DWG file:	6165-1730														
Figure	1														
Project	6165														
 825 North Capitol Avenue • Indianapolis, IN 46204 EnviroForensics.com															

### 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
-  630.00 — Groundwater elevation contour
-  629.87 — Groundwater elevation (feet above mean sea level)



<p>WATER TABLE CONTOUR MAP DECEMBER 7, 2020</p> <p>Martino's Cleaners 7513 41st Avenue Kenosha, WI</p>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date:</td> <td>1/7/21</td> </tr> <tr> <td>Designed:</td> <td>EB</td> </tr> <tr> <td>Drawn:</td> <td>EB</td> </tr> <tr> <td>Checked:</td> <td>BK</td> </tr> <tr> <td>DWG file:</td> <td>6165-1731</td> </tr> </table>	Date:	1/7/21	Designed:	EB	Drawn:	EB	Checked:	BK	DWG file:	6165-1731	 <p>825 North Capitol Avenue • Indianapolis, IN 46204 EnviroForensics.com</p>
Date:	1/7/21										
Designed:	EB										
Drawn:	EB										
Checked:	BK										
DWG file:	6165-1731										
<p>Figure 2 Project 6165</p>											



**Legend**

- Property boundary
- Fence line
- GAS - Underground gas utility line
- WTR - Underground water utility line
- SAN - Underground sanitary utility line
- Undergrnd 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
Benzene	5	0.5
sec-But	NE	NE
n-But	NE	NE
1,2-DCA	5	0.5
1,1-DCE	7	0.7
Di-IE	NE	NE
1,2,4-TMB	480	96
1,3,5-TMB	480	96
Eb	700	140
MTBE	60	12
Ipb	NE	NE
Nph	100	10
n-Pb	NE	NE
p-Ipt	NE	NE
Toluene	1,000	200
Xylene	10,000	1,000

- 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. 1,2-DCA = 1,2-Dichloroethane
  11. 1,1-DCE = 1,1-Dichloroethene
  12. Di-IE = Di-isopropyl ether
  13. 1,2,4-TMB = 1,2,4-Trimethylbenzene
  14. 1,3,5-TMB = 1,3,5-Trimethylbenzene
  15. Eb = Ethylbenzene
  16. Ipb = Isopropylbenzene
  17. Nph = Naphthalene
  18. n-Pb = n-Propylbenzene
  19. sec-But = sec-Butylbenzene
  20. n-But = n-Butylbenzene
  21. p-Ipt = p-Isopropyltoluene
  22. MTBE = Methyl Tert-Butyl Ether
  23. J = Analyte concentration detected between the Laboratory Reporting Limit and the laboratory Method Detection Limit
  24. ND = Compounds not detected
  25. NS = Not sampled

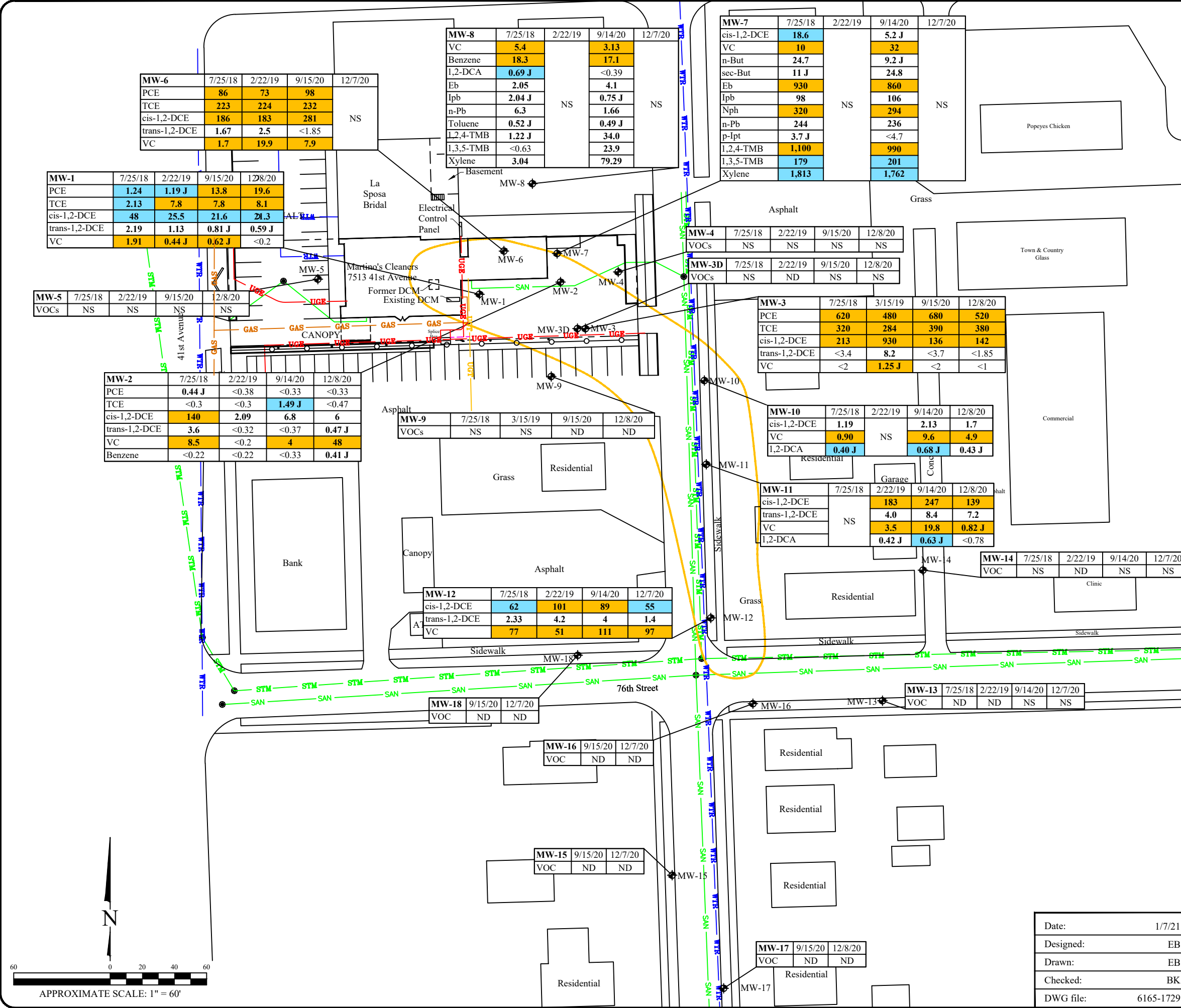
**MONITORING WELL ANALYTICAL RESULTS**

Martino's Cleaners  
7513 41st Avenue  
Kenosha, WI

Date:	1/7/21
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1729

Figure	3
Project	6165

825 North Capitol Avenue • Indianapolis, IN 46204  
EnviroForensics.com



MW-6	7/25/18	2/22/19	9/15/20	12/7/20
PCE	86	73	98	
TCE	223	224	232	
cis-1,2-DCE	186	183	281	NS
trans-1,2-DCE	1.67	2.5	<1.85	
VC	1.7	19.9	7.9	

MW-8	7/25/18	2/22/19	9/14/20	12/7/20
VC	5.4		3.13	
Benzene	18.3		17.1	
1,2-DCA	0.69 J		<0.39	
Eb	2.05		4.1	
Ipb	2.04 J	NS	0.75 J	NS
n-Pb	6.3		1.66	
Toluene	0.52 J		0.49 J	
1,2,4-TMB	1.22 J		34.0	
1,3,5-TMB	<0.63		23.9	
Xylene	3.04		79.29	

MW-7	7/25/18	2/22/19	9/14/20	12/7/20
cis-1,2-DCE	18.6		5.2 J	
VC	10		32	
n-But	24.7		9.2 J	
sec-But	11 J		24.8	
Eb	930		860	
Ipb	98	NS	106	NS
Nph	320		294	
n-Pb	244		236	
p-Ipt	3.7 J		<4.7	
1,2,4-TMB	1,100		990	
1,3,5-TMB	179		201	
Xylene	1,813		1,762	

MW-1	7/25/18	2/22/19	9/15/20	12/8/20
PCE	1.24	1.19 J	13.8	19.6
TCE	2.13	7.8	7.8	8.1
cis-1,2-DCE	48	25.5	21.6	21.3
trans-1,2-DCE	2.19	1.13	0.81 J	0.59 J
VC	1.91	0.44 J	0.62 J	<0.2

MW-5	7/25/18	2/22/19	9/15/20	12/8/20
VOCs	NS	NS	NS	NS

MW-2	7/25/18	2/22/19	9/14/20	12/8/20
PCE	0.44 J	<0.38	<0.33	<0.33
TCE	<0.3	<0.3	1.49 J	<0.47
cis-1,2-DCE	140	2.09	6.8	6
trans-1,2-DCE	3.6	<0.32	<0.37	0.47 J
VC	8.5	<0.2	4	48
Benzene	<0.22	<0.22	<0.33	0.41 J

MW-9	7/25/18	3/15/19	9/15/20	12/8/20
VOCs	NS	NS	ND	ND

MW-4	7/25/18	2/22/19	9/15/20	12/8/20
VOCs	NS	NS	NS	NS

MW-3D	7/25/18	2/22/19	9/15/20	12/8/20
VOCs	NS	ND	NS	NS

MW-3	7/25/18	3/15/19	9/15/20	12/8/20
PCE	620	480	680	520
TCE	320	284	390	380
cis-1,2-DCE	213	930	136	142
trans-1,2-DCE	<3.4	8.2	<3.7	<1.85
VC	<2	1.25 J	<2	<1

MW-10	7/25/18	2/22/19	9/14/20	12/8/20
cis-1,2-DCE	1.19		2.13	1.7
VC	0.90	NS	9.6	4.9
1,2-DCA	0.40 J		0.68 J	0.43 J

MW-11	7/25/18	2/22/19	9/14/20	12/8/20
cis-1,2-DCE		183	247	139
trans-1,2-DCE	NS	4.0	8.4	7.2
VC		3.5	19.8	0.82 J
1,2-DCA		0.42 J	0.63 J	<0.78

MW-14	7/25/18	2/22/19	9/14/20	12/7/20
VOC	NS	ND	NS	NS

MW-12	7/25/18	2/22/19	9/14/20	12/7/20
cis-1,2-DCE	62	101	89	55
trans-1,2-DCE	2.33	4.2	4	1.4
VC	77	51	111	97

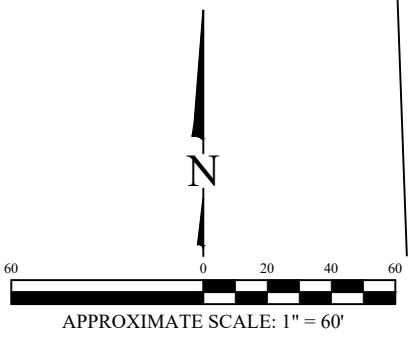
MW-13	7/25/18	2/22/19	9/14/20	12/7/20
VOC	ND	ND	NS	NS

MW-18	9/15/20	12/7/20
VOC	ND	ND

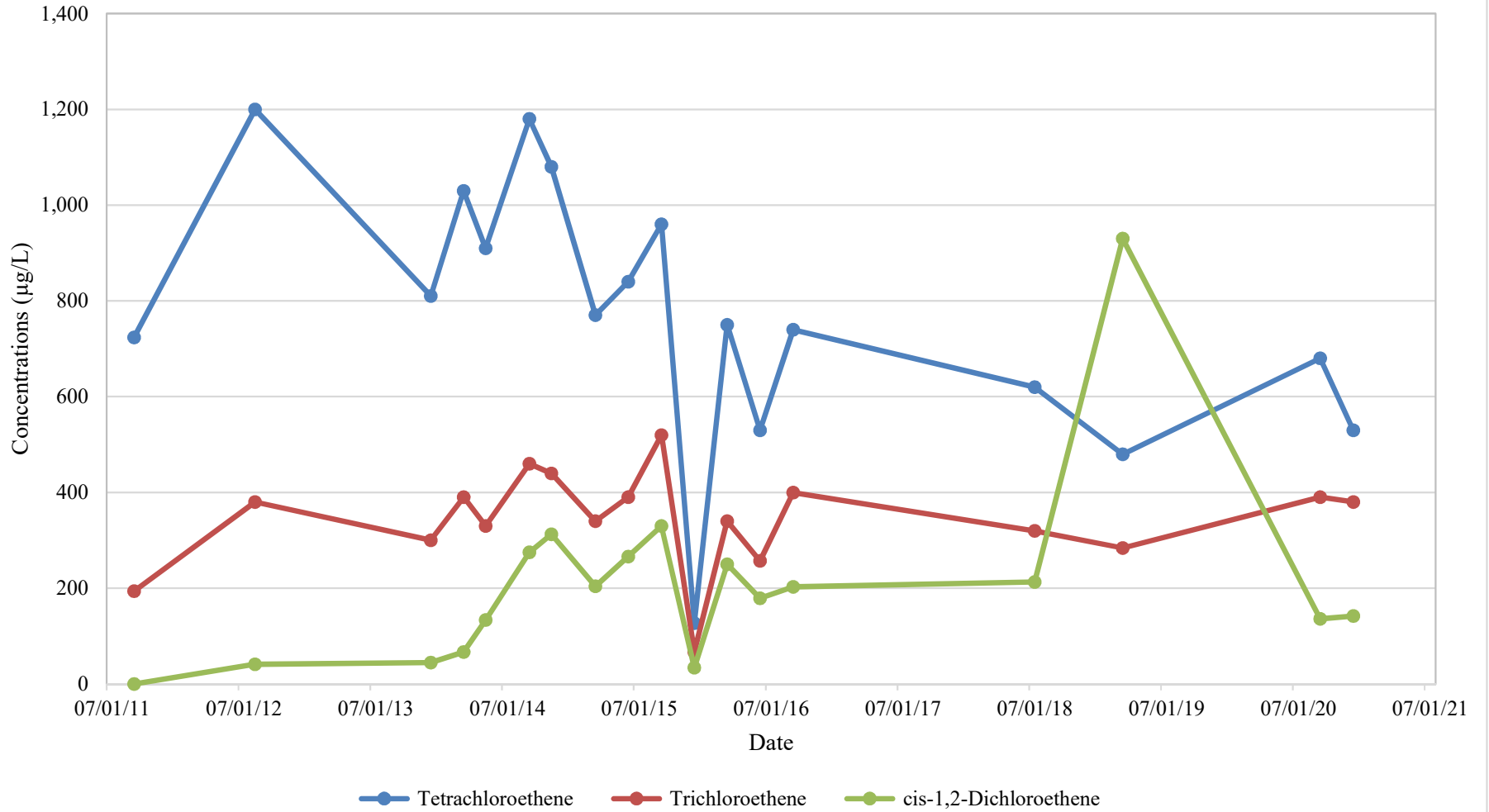
MW-16	9/15/20	12/7/20
VOC	ND	ND

MW-15	9/15/20	12/7/20
VOC	ND	ND

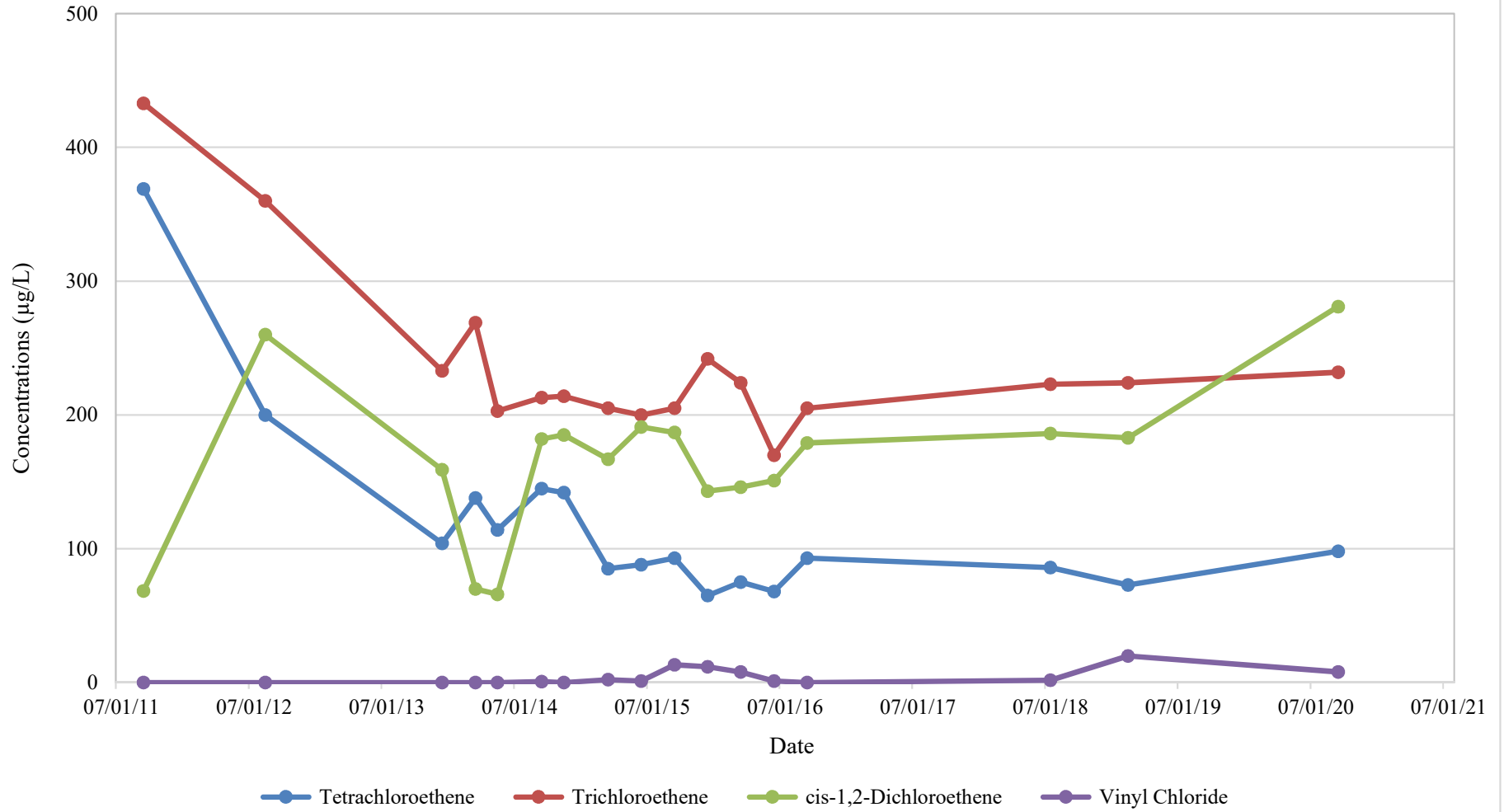
MW-17	9/15/20	12/8/20
VOC	ND	ND



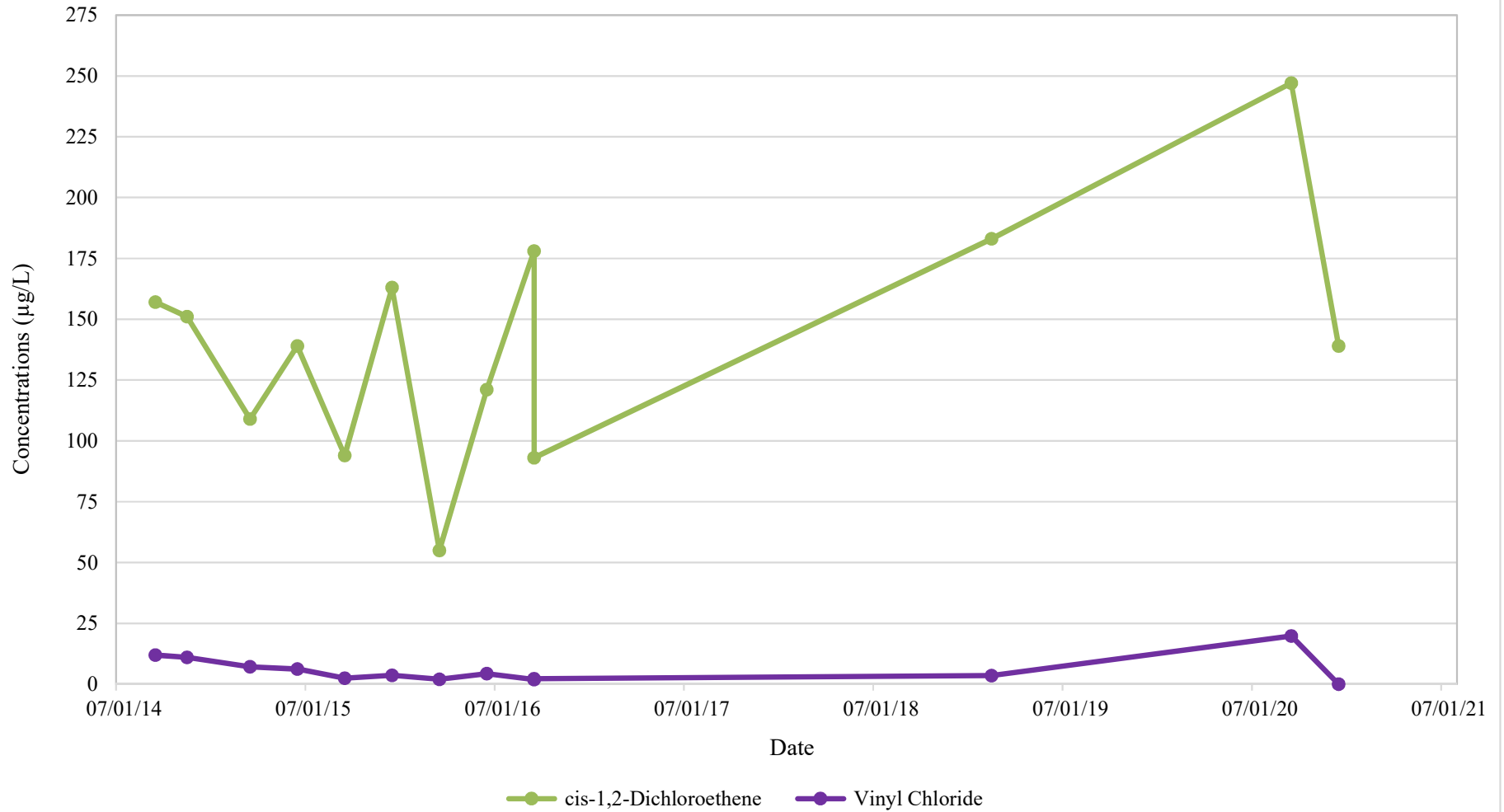
### MW-3 VOC Concentrations Trends



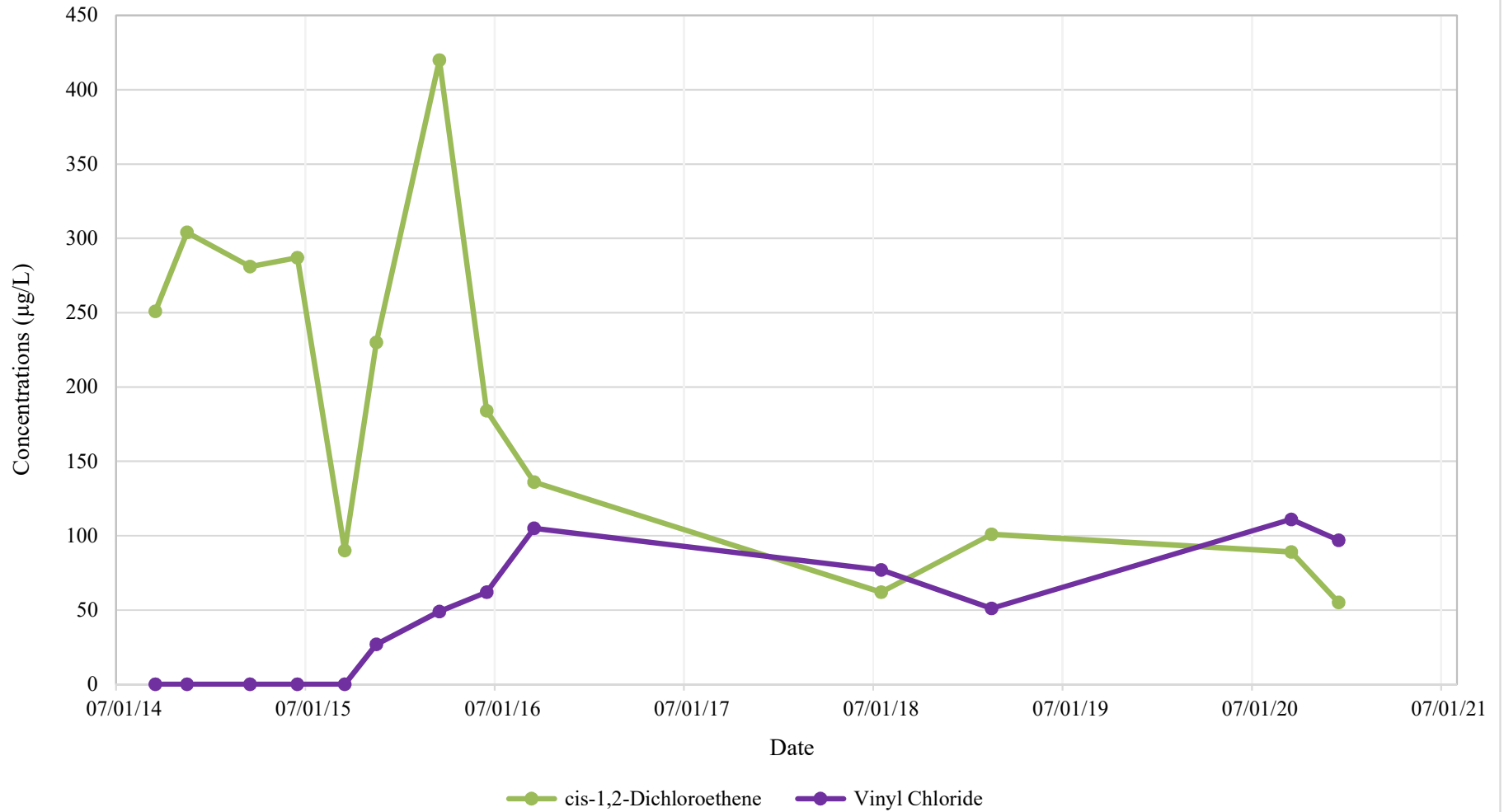
MW-6 VOC Concentration Trends



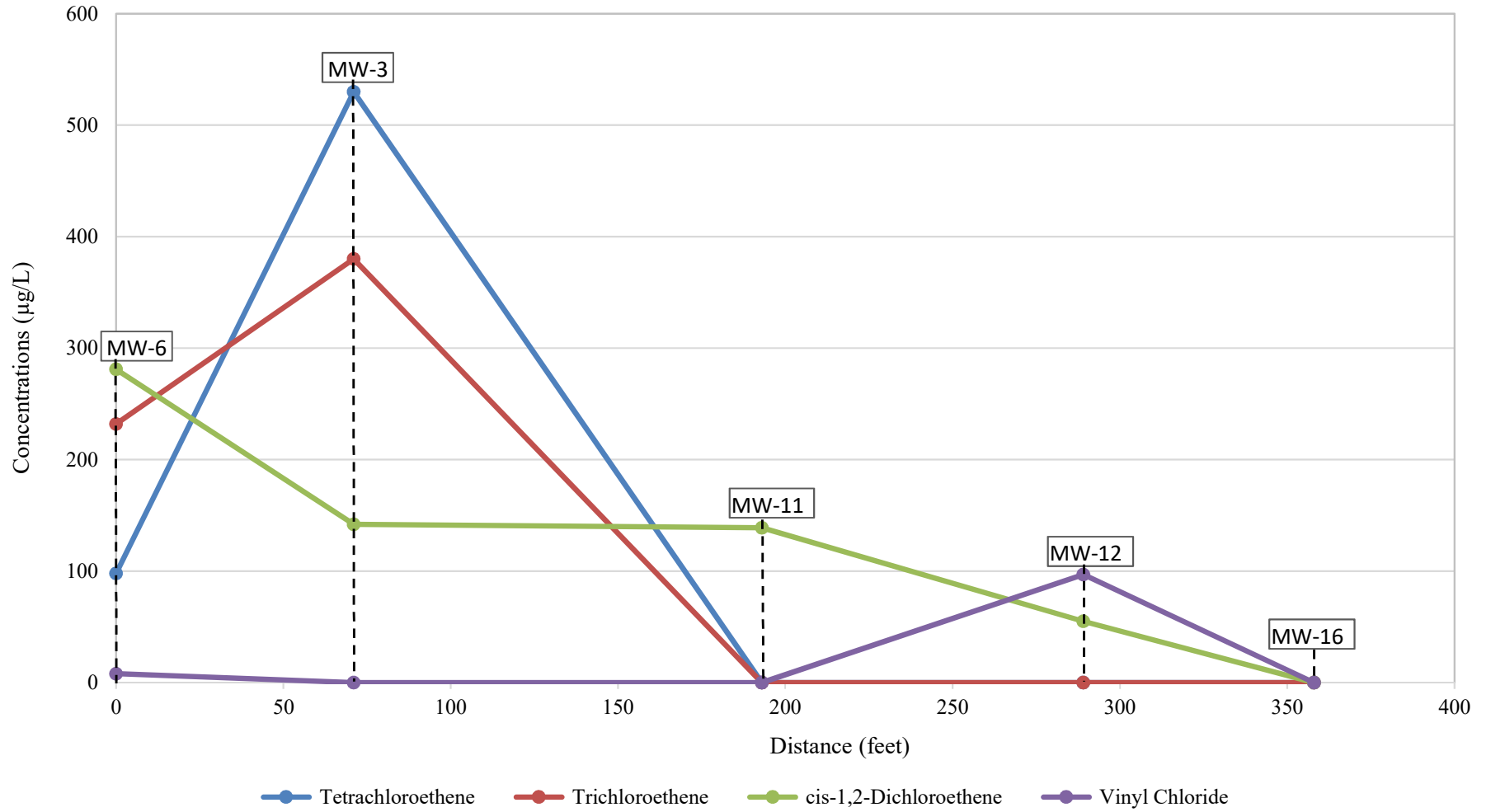
### MW-11 VOC Concentration Trends



### MW-12 VOC Concentration Trends



VOC Concentration vs. Distance - September 2020



**TABLE 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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

**TABLE 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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	8.0J	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	0.78J	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	



**TABLE 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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	
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 1**  
**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)
<b>Public Health Enforcement Standard</b>		<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>5</b>	<b>NE</b>	<b>NE</b>	<b>400</b>	<b>5</b>	<b>7</b>	<b>NE</b>	<b>700</b>	<b>NE</b>	<b>60</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>480</b>	<b>480</b>	<b>10,000</b>
<b>Public Health Preventive Action Limit</b>		<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>0.5</b>	<b>NE</b>	<b>NE</b>	<b>80</b>	<b>0.5</b>	<b>0.7</b>	<b>NE</b>	<b>140</b>	<b>NE</b>	<b>12</b>	<b>10</b>	<b>NE</b>	<b>NE</b>	<b>200</b>	<b>96</b>	<b>96</b>	<b>1,000</b>
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 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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	<0.1.15	<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	<0.1.15	<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	
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

**TABLE 1**  
**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)	
<b>Public Health Enforcement Standard</b>		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	
<b>Public Health Preventive Action Limit</b>		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	<0.18	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	<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		
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		

**TABLE 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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	
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	
MW-11 (DUP-1)	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

**TABLE 1**  
**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)
<b>Public Health Enforcement Standard</b>		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
<b>Public Health Preventive Action Limit</b>		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	
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 1**  
**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)
<b>Public Health Enforcement Standard</b>		<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>	<b>5</b>	<b>NE</b>	<b>NE</b>	<b>400</b>	<b>5</b>	<b>7</b>	<b>NE</b>	<b>700</b>	<b>NE</b>	<b>60</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>480</b>	<b>480</b>	<b>10,000</b>
<b>Public Health Preventive Action Limit</b>		<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>	<b>0.5</b>	<b>NE</b>	<b>NE</b>	<b>80</b>	<b>0.5</b>	<b>0.7</b>	<b>NE</b>	<b>140</b>	<b>NE</b>	<b>12</b>	<b>10</b>	<b>NE</b>	<b>NE</b>	<b>200</b>	<b>96</b>	<b>96</b>	<b>1,000</b>
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	<b>0.92</b>	<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	<b>0.88</b>	<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	<b>0.56 J</b>	<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
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
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
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

**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 2**  
**GROUNDWATER GEOCHEMICAL DATA SUMMARY**  
Martino's Master Drycleaners  
7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (ug/L)	Ethene (ug/L)	Methane (ug/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	-35.2
	12/08/20	<0.5	<0.5	38	0.20	-27.3
MW-2	03/13/14	--	--	--	0.11	-156
	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	-11.8
	12/08/20	<0.5	31.9	3,680	0.17	16.4
MW-3	03/12/14	--	--	--	0.00	-92
	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	-41.5
	12/08/20	<0.5	<0.5	562	0.31	-20.5
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



**TABLE 2**  
**GROUNDWATER GEOCHEMICAL DATA SUMMARY**  
 Martino's Master Drycleaners  
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (ug/L)	Ethene (ug/L)	Methane (ug/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
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	-49.9
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	-190.2

**TABLE 2**  
**GROUNDWATER GEOCHEMICAL DATA SUMMARY**  
 Martino's Master Drycleaners  
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (ug/L)	Ethene (ug/L)	Methane (ug/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
MW-8	03/12/14	--	--	--	0.00	-118
	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	-67.4
MW-9	03/12/14	--	--	--	0.00	-79
	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	-22.08
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	-42.3
	12/08/20	1.83	1.56	2,660	2.15	-26.5
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	-45.4
	12/07/20	<0.5	<0.5	41.0	1.42	-9.5

**TABLE 2**  
**GROUNDWATER GEOCHEMICAL DATA SUMMARY**  
 Martino's Master Drycleaners  
 7513 41st Avenue, Kenosha, Wisconsin

Monitoring Well Identification	Sample Date	Ethane (ug/L)	Ethene (ug/L)	Methane (ug/L)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
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	-48.6
	12/07/20	<0.5	5.39	1,130	0.69	-55.8
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
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	-48.5
	12/07/20	--	--	--	0.76	-49.5
MW-16	09/15/20	--	--	--	0.04	-31.3
	12/07/20	--	--	--	1.07	-43
MW-17	09/15/20	--	--	--	4.60	143.1
	12/07/20	--	--	--	4.17	37.2
MW-18	09/15/20	--	--	--	0.04	-8.1
	12/07/20	--	--	--	0.62	-1.9

**Notes:**

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

-- = Not Analyzed

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

**TABLE 3  
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
			<b>Min</b>	<b>10.53</b>	<b>629.18</b>
			<b>Max</b>	<b>11.52</b>	<b>630.17</b>
			<b>Avg</b>	<b>11.02</b>	<b>629.68</b>
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
			<b>Min</b>	<b>10.09</b>	<b>628.89</b>
			<b>Max</b>	<b>11.17</b>	<b>629.97</b>
			<b>Avg</b>	<b>10.56</b>	<b>629.50</b>
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
			<b>Min</b>	<b>10.42</b>	<b>628.79</b>
			<b>Max</b>	<b>11.42</b>	<b>629.79</b>
			<b>Avg</b>	<b>10.88</b>	<b>629.33</b>

**TABLE 3**  
**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-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
			<b>Min</b>	<b>10.73</b>	<b>628.88</b>
			<b>Max</b>	<b>11.49</b>	<b>629.64</b>
			<b>Avg</b>	<b>11.05</b>	<b>629.32</b>
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			
			<b>Min</b>	<b>10.18</b>	<b>628.94</b>
			<b>Max</b>	<b>11.13</b>	<b>629.89</b>
			<b>Avg</b>	<b>10.63</b>	<b>629.44</b>
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			
			<b>Min</b>	<b>9.56</b>	<b>629.57</b>
			<b>Max</b>	<b>10.76</b>	<b>630.77</b>
			<b>Avg</b>	<b>10.17</b>	<b>630.16</b>

**TABLE 3  
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-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
			<b>Min</b>	<b>10.71</b>	NA
			<b>Max</b>	<b>11.79</b>	NA
			<b>Avg</b>	<b>11.32</b>	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			
			<b>Min</b>	<b>10.65</b>	<b>629.06</b>
			<b>Max</b>	<b>11.60</b>	<b>630.01</b>
			<b>Avg</b>	<b>11.08</b>	<b>629.58</b>
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
			<b>Max</b>	<b>10.15</b>	<b>630.06</b>
			<b>Avg</b>	<b>9.39</b>	<b>629.60</b>

**TABLE 3  
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-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	
	<b>Min</b>	<b>11.38</b>	<b>628.69</b>			
	<b>Max</b>	<b>12.40</b>	<b>629.71</b>			
	<b>Avg</b>	<b>11.82</b>	<b>629.27</b>			
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	
				<b>Min</b>	<b>10.63</b>	<b>628.70</b>
				<b>Max</b>	<b>11.56</b>	<b>629.63</b>
	<b>Avg</b>	<b>11.02</b>	<b>629.24</b>			
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	
				<b>Min</b>	<b>11.91</b>	<b>628.54</b>
	<b>Max</b>	<b>12.97</b>	<b>629.60</b>			
	<b>Avg</b>	<b>12.35</b>	<b>629.16</b>			
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	
				<b>Min</b>	<b>13.97</b>	<b>628.29</b>
				<b>Max</b>	<b>14.89</b>	<b>629.21</b>
	<b>Avg</b>	<b>14.31</b>	<b>628.87</b>			

**TABLE 3**  
**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
			<i>Min</i>	<i>13.69</i>	<i>628.01</i>
<i>Max</i>	<i>14.02</i>	<i>628.34</i>			
<i>Avg</i>	<i>13.85</i>	<i>628.18</i>			
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
			<i>Min</i>	<i>11.79</i>	<i>628.34</i>
<i>Max</i>	<i>12.64</i>	<i>629.19</i>			
<i>Avg</i>	<i>12.08</i>	<i>628.90</i>			
MW-15	623.1 - 633.1	643.37	9/14/2020	13.92	629.45
			12/7/2020	14.54	628.83
			<i>Min</i>	<i>13.92</i>	<i>628.83</i>
			<i>Max</i>	<i>14.54</i>	<i>629.45</i>
			<i>Avg</i>	<i>14.23</i>	<i>629.14</i>
MW-16	621.1 - 631.1	643.32	9/14/2020	14.31	629.01
			12/7/2020	14.88	628.44
			<i>Min</i>	<i>14.31</i>	<i>628.44</i>
			<i>Max</i>	<i>14.88</i>	<i>629.01</i>
			<i>Avg</i>	<i>14.60</i>	<i>628.73</i>
MW-17	622.8 - 632.8	643.09	9/14/2020	13.48	629.61
			12/7/2020	14.10	628.99
			<i>Min</i>	<i>13.48</i>	<i>628.99</i>
			<i>Max</i>	<i>14.10</i>	<i>629.61</i>
			<i>Avg</i>	<i>13.79</i>	<i>629.30</i>
MW-18	622.4 - 632.4	642.87	9/14/2020	13.82	629.05
			12/7/2020	14.55	628.32
			<i>Min</i>	<i>13.82</i>	<i>628.32</i>
			<i>Max</i>	<i>14.55</i>	<i>629.05</i>
			<i>Avg</i>	<i>14.19</i>	<i>628.69</i>

**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 anomalous and excluded from statistics



Site name: Martino's Master Dry Cleaner

Reporting period from: 07/01/2020

To: 12/31/2020

Days in period: 184

## Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

Page 10 of 30

### Section IS-1, Soil Venting (Including Soil Vapor Extraction, Building Venting and Bioventing)

#### A. Soil Venting Operation

**Note:** This form is not required for building vapor mitigation systems that are installed proactively to protect building occupants/users and are not considered part of ongoing active soil remediation.

1. Number of air extraction wells available and number of wells actually in use during the period: \_\_\_\_\_ 2

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):

42

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:  
23%

The SVE blower was refurbished by the manufacturer during the first part of the reporting period. For that reason, the system did not operate between 7/1/2020 and 9/24/2020. After re-start on 9/25/2020, the system shut down twice due to alarms. Ignoring the time period prior to 9/25, system utilization was 43%.

4. Average depth to groundwater: \_\_\_\_\_ 11 \_\_\_\_\_ gpm

#### B. Building Basement/Subslab Venting System Operation

1. Number of venting points available and number of points actually in use during the period: \_\_\_\_\_

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:

#### C. Effectiveness Evaluation

1. Average contaminant removal rate for the entire system: \_\_\_\_\_ 0.12 \_\_\_\_\_ pounds per day

2. Average contaminant removal rate per well or venting point: \_\_\_\_\_ 0.06 \_\_\_\_\_ pounds per day

3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate per well is less than one tenth of a pound per day, evaluate the following:

a. If contaminants are aerobically biodegradable and confirmation borings have not been drilled in the past year:

i. Oxygen levels in extracted air: \_\_\_\_\_ percent

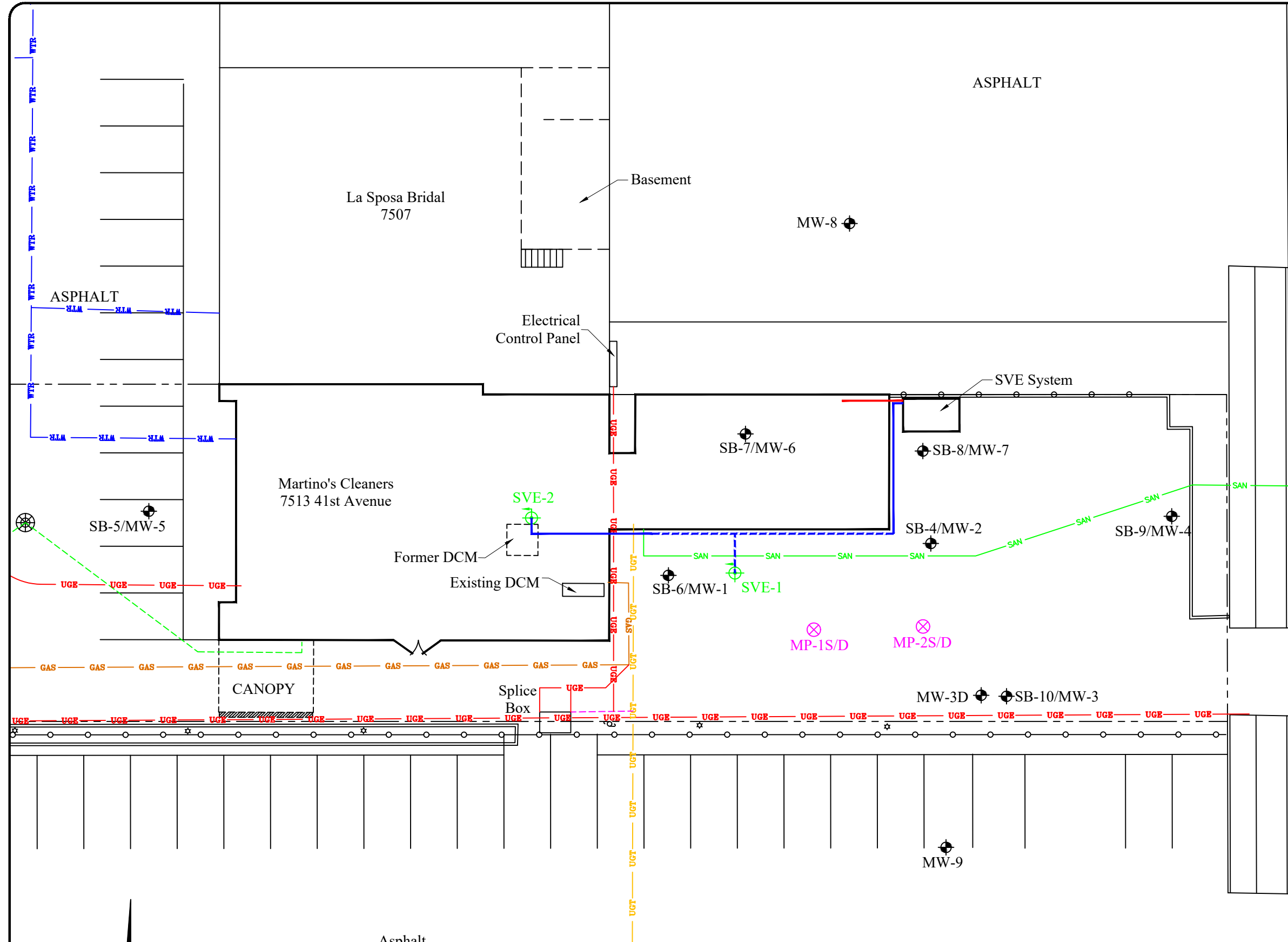
ii. Methane levels in extracted air (ppmv) If over 10 ppmv, explain:

iii. If methane is not present above 10 ppmv and if oxygen is greater than 20 percent in extracted air, you should either:

- o Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
- o Or, perform an in situ respirometry test in a zone of high contamination. Do not perform the test in an air extraction well, use a gas probe or water table well. If a zero order rate of decay based on oxygen depletion is less than 2 mg/kg per day, then you should drill confirmation borings, if the entire site should be considered for closure. If the rate of decay is between 2 and 10 mg/kg, operate for one more reporting period before evaluating further. If the zero order rate of decay is greater than 10 mg/kg total hydrocarbons, continue operating the system in a manner that maximizes aerobic biodegradation.

b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.

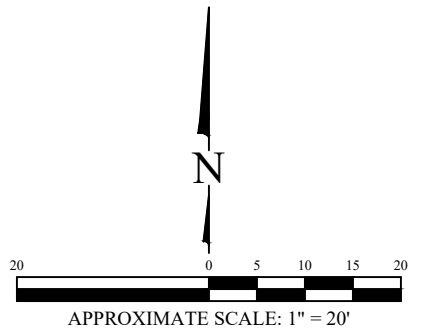
c. If soil borings were drilled during the past year and soil contamination remains above acceptable levels, explain if the system effectiveness can be increased and/or if other options need to be considered to achieve cleanup criteria.



- ### Legend
- Property boundary
  - Fence line
  - GAS Undergruond gas utility line
  - WTR Undergruond water utility line
  - SAN Undergruond sanitary utility line
  - Undergruond storm utility line
  - OVHD Over head electrical utility line
  - UGE Undergruond electrical utility line
  - UGT Undergruond 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)
  - Condensate discharge piping

**SVE REMEDIATION SYSTEM LAYOUT**

Martino's Cleaners  
7513 41st Avenue  
Kenosha, WI

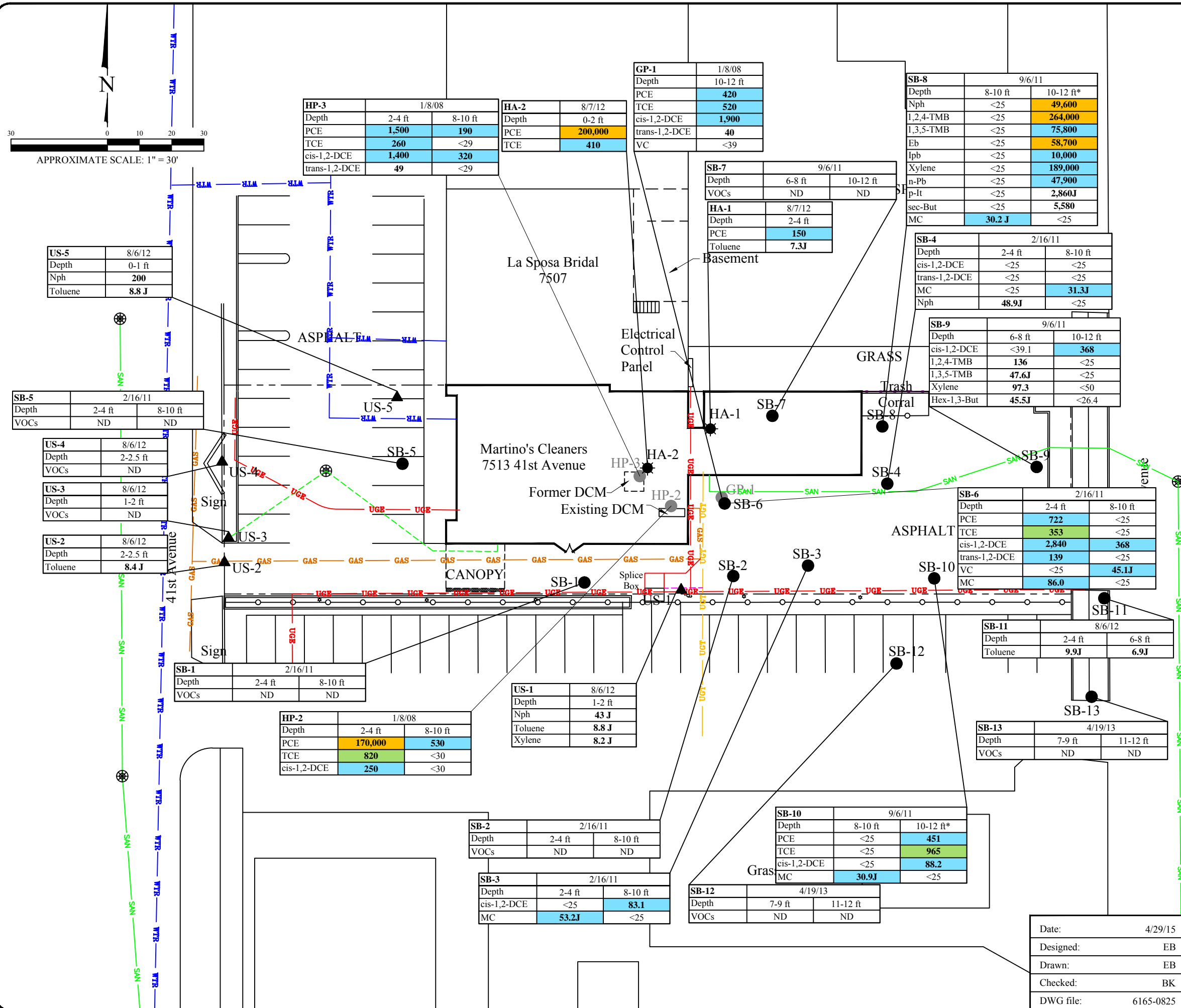


Date:	2/2/18
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-1277



825 North Capitol Avenue • Indianapolis, IN 46204  
EnviroForensics.com

Figure	1
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
- SB-1 Soil boring location
- ⊙ HA-2 Hand auger boring location
- HP-2 Soil boring location (done by others - 2008)
- ▲ US-2/SG-2 Utility corridor/soil gas sample location

Analytes	Soil Residual Contaminant Level		
	Industrial	Non-Industrial	Soil to Groundwater
PCE	153,000	30,700	4.5
TCE	8,810	644	3.6
cis-1,2-DCE	2,400,000	156,000	41.2
trans-1,2-DCE	976,000	211,000	58.8
VC	2,030	67	0.1
MC	1,070,000	60,700	2.6
Nph	26,000	5,150	659
1,2,4-TMB	219,000	89,800	1,390
1,3,5-TMB	182,000	182,000	1,380
EB	37,000	7,470	1,570
Ipb	268,000	268,000	1,270
Xylene	388,000	388,000	3,940
Toluene	45,000,000	5,000,000	860
n-Pb	264,000	264,000	1,970
p-It	162,000	162,000	NE
sec-But	NE	NE	NE
Hex-1,3-But	22,100	6,230	1.0

- Notes:
1. Bold, shaded orange values exceed Industrial RCL
  2. Bold, shaded green values exceed Non-Industrial RCL
  3. Bold, shaded blue values exceed SRCL for Soil to Groundwater
  4. Bold values equal or exceed laboratory detection limits
  5. Results not shown are below laboratory detection limits
  6. All Soil Residual Contaminant Levels were calculated according to WDNR Publication RR-890
  7. PCE - Tetrachloroethene
  8. TCE - Trichloroethene
  9. cis-1,2-DCE - cis-1,2-Dichloroethene
  10. trans-1,2-DCE - trans-1,2-Dichloroethene
  11. VC = Vinyl Chloride
  12. MC = Methyl Chloride
  13. Nph = Naphthalene
  14. 1,2,4-TMB = 1,2,4-Trimethylbenzene
  15. 1,3,5-TMB = 1,3,5-Trimethylbenzene
  16. EB = Ethylbenzene
  17. Ipb = Isopropylbenzene
  18. n-Pb = n-propylbenzene
  19. p-It = p-Isopropyltoluene
  20. sec-But = sec-Butylbenzene
  21. Hex-1,3-But = Hexachloro-1,3-butadiene
  22. J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit
  23. NE = Not Established
  24. ND = Compounds not detected
  25. \* = Sample collected within zone of intermittent saturation

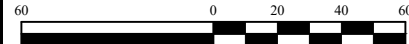
**SOIL SAMPLE ANALYTICAL RESULTS SUMMARY**

Martino's Cleaners  
7513 41st Avenue  
Kenosha, WI

Date:	4/29/15	 825 North Capitol Avenue • Indianapolis, IN 46204 EnviroForensics.com	Figure
Designed:	EB		2
Drawn:	EB		Project
Checked:	BK		6165
DWG file:	6165-0825		

### 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



APPROXIMATE SCALE: 1" = 60'

### MONITORING WELL LOCATION MAP

Martino's Cleaners  
7513 41st Avenue  
Kenosha, WI

Date:	12/31/13
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6165-0342

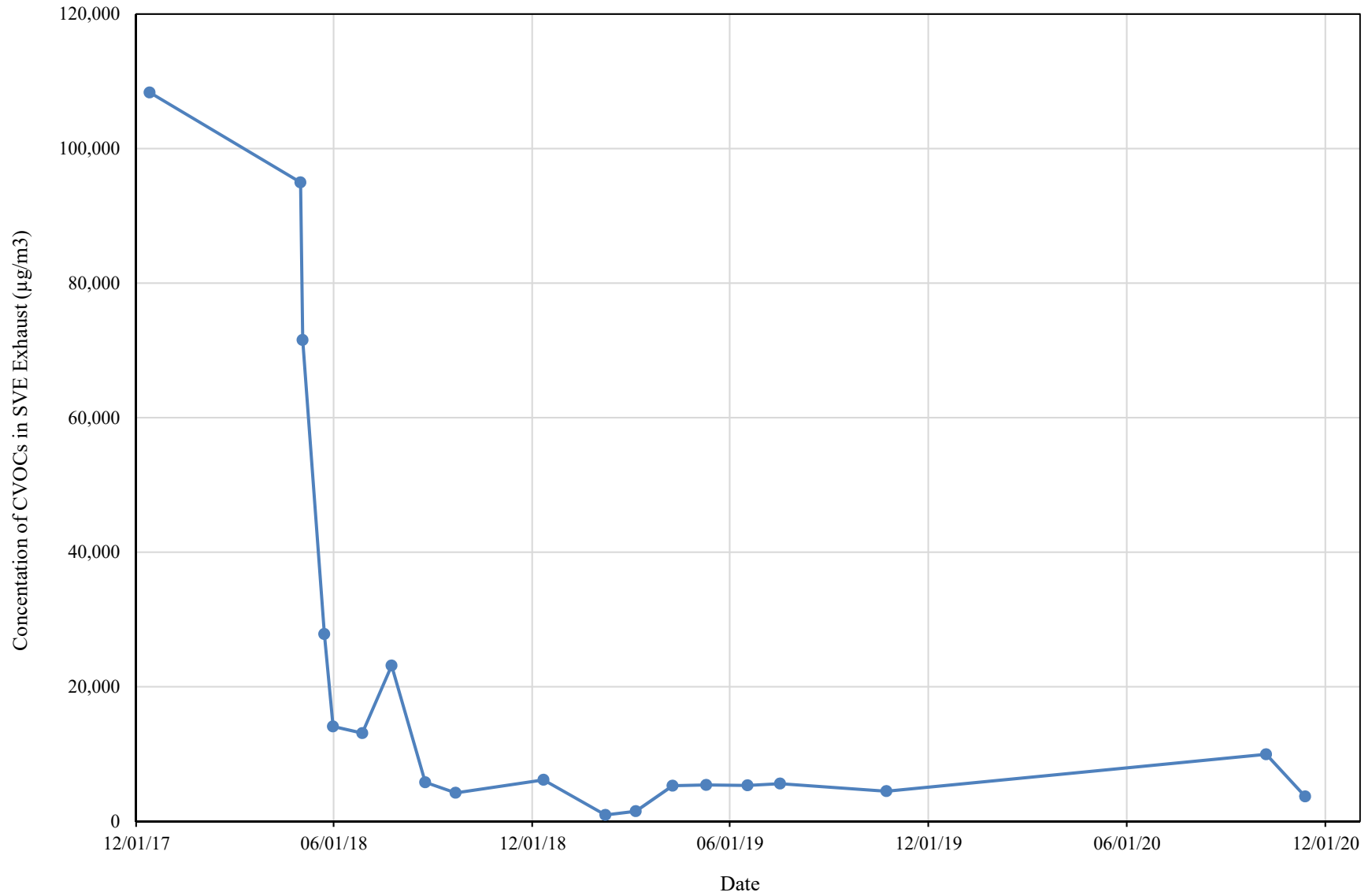


825 North Capitol Avenue • Indianapolis, IN 46204  
EnviroForensics.com

Figure	3
Project	6165

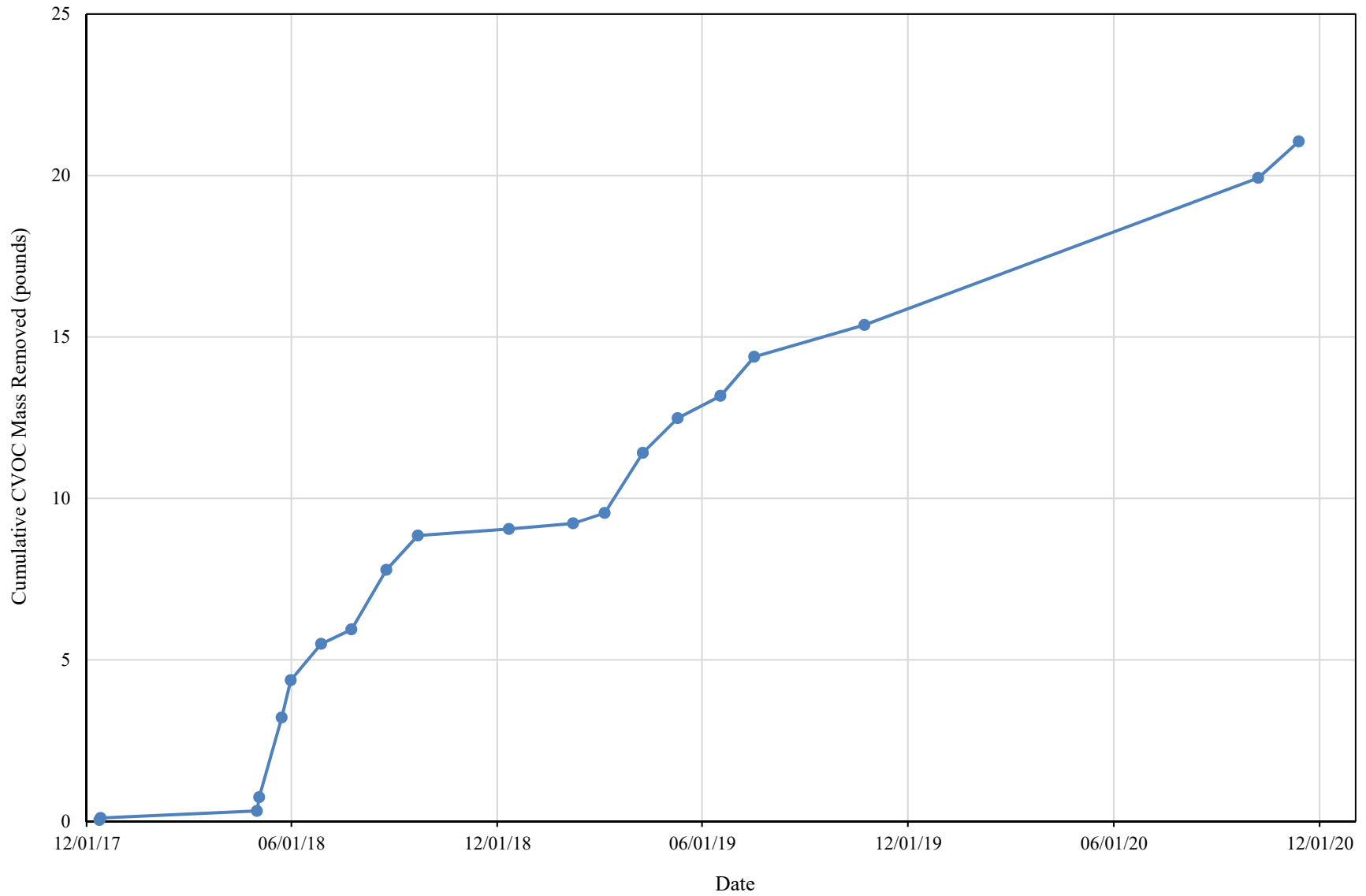
# Vapor Phase CVOC Concentration Trend

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



# Cumulative CVOC Mass Removed

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



**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	Water Volume Discharged
		Hours	Hertz	inHg	fpm	scfm	µg/m <sup>3</sup>	inHg		°F	(%)	Gallons
12/13/2017	1819	2	48	-14.0	3,015	79	108,343	-16.0	-17.0	135	0	0
5/1/2018	1625	6	40	-11.0	4,920	153	94,974	-16.0	-15.0	145	10	0
5/2/2018	1455	7	40	-11.0	4,780	148	NS	-15.0	-12.0	135	25	0
5/3/2018	1110	15	40	-8.0	4,910	177	71,549	--	--	130	25	0
5/16/2018	1538	15	38	-8.0	4,710	169	NS	-9.0	-9.0	95	25	0
5/17/2018	1400	36	30	-6.0	4,140	162	NS	-7.0	-7.0	115	50	0
5/18/2018	1040	56	30	-5.0	3,950	161	NS	-5.3	-5.0	120	50	0
5/23/2018	845	175	30	-5.5	3,690	148	27,820	-5.5	-5.5	124	50	0
5/31/2018	835	367	30	-5.0	2,790	114	14,095	-5.0	-5.0	115	50	0
6/4/2018	1346	367	30	-5.0	4,060	166	NS	--	--	115	50	0
6/27/2018	1353	553	30	-6.0	3,140	123	13,097	-7.0	-7.0	130	50	0
7/24/2018	1610	610	30	-8.0	2,530	91	23,147	-6.0	-6.0	130	15	0
8/24/2018	815	1,343	30	-8.0	3,220	116	5,791	3.5	3.0	125	30	0
9/4/2018	1120	1,354	30	-6.0	3,054	120	NS	-8.0	-7.0	105	40	0
9/21/2018	1325	1,764	30	-6.0	4,068	160	4,226	-6.0	-6.0	130	50	0
11/30/2018	1732	1,764	32	-8.5	4,160	146	NS	-8.5	-8.5	70	35	185
12/6/2018	1007	1,802	32	-8.0	3,570	128	NS	-9.0	-8.0	100	40	130
12/11/2018	754	1,831	32	-8.0	3,670	132	6,154	-8.0	-8.0	75	50	140
1/7/2019	1316	1,997	32	-7.5	5,057	186	NS	-9.5	-9.0	90	45	0
1/24/2019	1135	2,001	32	-9.0	4,886	168	NS	-9.0	-9.5	95	20	0
2/6/2019	955	2,174	32	-8.2	4,030	144	937	-8.8	-8.6	109	35	270
3/6/2019	1217	2,582	32	-7.5	3,830	141	1,490	-9.5	-9.0	120	55	0
4/9/2019	1534	3,095	32	-6.0	4,681	184	5,282	-9.0	-8.5	125	50	260
5/10/2019	1210	3,670	40	-12.0	3,140	92	5,396	-15.0	-15.5	150	30	4,977
6/17/2019	1215	4,004	40	-11.0	3,332	103	5,332	-14.0	-14.0	130	25	3,043
7/1/2019	1510	4,343	40	-12.0	--	--	NS	--	--	--	25	3,062
7/17/2019	1114	4,586	40	-11.0	3,376	99	5,589	-12.0	-12.0	152	25	2,036
8/16/2019	1340	4,653	40	-11.0	--	160	NS	-12.5	-12.7	150	25	491
10/23/2019	1533	4,955	45	-8.0	5,147	160	4,468	-9.8	-10.0	140	25	1,140
11/14/2019	1220	5,043	45	-9.2	5,410	168	NS	-9.8	-10.2	121	50	366
9/24/2020	1050	5,232	40	-9.5	--	--	NS	-10.3	-9.7	115	25	275
10/7/2020	1255	5,546	40	-7.8	5,750	207	9,947	-9.0	-8.2	143	25	0
11/12/2020	1110	6,010	40	-7.8	5,200	177	3,677	-8.5	-8.8	134	25	713

**Notes:**

- = Reading not recorded
- inHg = inches of mercury
- scfm = standard cubic feet per minute
- µg/m<sup>3</sup> = micrograms per cubic meter
- NS = No sample collected

**TABLE 2**  
**SUMMARY OF SOIL ANALYTICAL RESULTS**  
 Martino's Master Drycleaners  
 7513 41st Avenue, Kenosha, Wisconsin

Boring Identification	Sample Depth (feet)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Benzene	sec-Butylbenzene	n-Butylbenzene	Ethylbenzene	Hexachloro-1,3-butadiene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	Naphthalene	n-propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)	Toluene
<b>Industrial RCL <sup>1</sup></b>			<b>145,000</b>	<b>8,410</b>	<b>2,340,000</b>	<b>1,850,000</b>	<b>2,080</b>	<b>7,070</b>	<b>145,000</b>	<b>108,000</b>	<b>35,400</b>	<b>7,190</b>	<b>268,000</b>	<b>162,000</b>	<b>1,150,000</b>	<b>24,100</b>	<b>264,000</b>	<b>219,000</b>	<b>182,000</b>	<b>260,000</b>	<b>818,000</b>
<b>Non-Industrial RCL <sup>1</sup></b>			<b>33,000</b>	<b>1,300</b>	<b>156,000</b>	<b>1,560,000</b>	<b>67</b>	<b>1,600</b>	<b>145,000</b>	<b>108,000</b>	<b>8,020</b>	<b>1,630</b>	<b>268,000</b>	<b>162,000</b>	<b>61,800</b>	<b>5,520</b>	<b>264,000</b>	<b>219,000</b>	<b>182,000</b>	<b>260,000</b>	<b>818,000</b>
<b>Soil to Groundwater RCL <sup>1</sup></b>			<b>4.5</b>	<b>3.6</b>	<b>41.2</b>	<b>62.6</b>	<b>0.1</b>	<b>5.1</b>	<b>N.E.</b>	<b>N.E.</b>	<b>1,570</b>	<b>N.E.</b>	<b>N.E.</b>	<b>N.E.</b>	<b>2.6</b>	<b>658.2</b>	<b>N.E.</b>	<b>1,382</b>	<b>1,382</b>	<b>3,960</b>	<b>1,107</b>
GP-1	10-12	1/8/2008	<b>420</b>	<b>520</b>	<b>1,900</b>	<b>40</b>	<39	ND	<28	ND	<28	<39	<28	<28	<56	<56	<28	<28	<28	<96	ND
HA-1	2-4	8/7/2012	<b>150</b>	<11	<7	<14	<5.9	ND	<8.8	ND	<7.2	<20	<14	<11	<39	<28	<10	<12	<12	<3.9	<b>7.3 J</b>
HA-2	0-2	8/7/2012	<b>200,000</b>	<b>410</b>	<26	<53	<22	ND	<33	ND	<27	<74	<53	<39	<150	<110	<37	<45	<44	<15	<24
HP-2	2-4	1/8/2008	<b>170,000</b>	<b>820</b>	<b>250</b>	<28	<39	ND	<28	ND	<28	<39	<28	<28	<56	<56	<28	<28	<28	<96	ND
	8-10		<b>530</b>	<30	<30	<30	<42	ND	<30	ND	<30	<42	<30	<30	<61	<61	<30	<30	<30	<100	ND
HP-3	2-4	1/8/2008	<b>1,500</b>	<b>260</b>	<b>1,400</b>	<b>49</b>	<38	ND	<27	ND	<27	<38	<27	<27	<54	<54	<27	<27	<27	<92	ND
	8-10		<b>190</b>	<29	<b>320</b>	<29	<40	ND	<29	ND	<29	<40	<29	<29	<58	<58	<29	<29	<29	<98	ND
SB-1	2-4	2/16/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-2	2-4	2/16/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-3	2-4	2/16/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<b>53.2 J</b>	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<b>83.1</b>	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-4	2-4	2/16/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<b>48.9 J</b>	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<b>31.3 J</b>	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-5	2-4	2/16/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-6	2-4	2/16/2011	<b>722</b>	<b>353</b>	<b>2,840</b>	<b>139</b>	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<b>86.0</b>	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	8-10		<25.0	<25.0	<b>368</b>	<25.0	<b>45.1 J</b>	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-7	6-8	9/6/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	10-12		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-8	8-10	9/6/2011	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<b>30.2 J</b>	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
	10-12		<2000	<2000	<2000	<2000	<2000	<2000	<b>5,580</b>	<3230	<b>58,700</b>	<26.4	<b>10,000</b>	<b>2,860 J</b>	<2000	<b>49,600</b>	<b>47,900</b>	<b>264,000</b>	<b>75,800</b>	<b>189,000</b>	<2,000
SB-9	6-8	9/6/2011	<39.1	<39.1	<39.1	<39.1	<39.1	<39.1	<39.1	<63.1	<39.1	<b>45.5 J</b>	<39.1	<39.1	<39.1	<39.1	<39.1	<b>136</b>	<b>47.6 J</b>	<b>97.3</b>	<39.1
	10-12		<25.0	<25.0	<b>368</b>	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<26.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-10	8-10	9/6/2011	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<42.1	<26.0	<27.5	<26.0	<26.0	<b>30.9 J</b>	<26.0	<26.0	<26.0	<26.0	<52.1	<26.0
	10-12		<b>451</b>	<b>965</b>	<b>88.2</b>	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<25.0
SB-11	2-4	8/6/2012	<9.7	<11	<7.1	<14	<6	<4.3	<8.9	<7.5	<7.3	<20	<15	<11	<40	<29	<10	<12	<12	<4	<b>9.9 J</b>
	6-8		<8.3	<9.3	<6.1	<12	<3.4	<3.7	<7.7	<6.4	<6.3	<17	<13	<9.2	<34	<25	<8.7	<11	<10	<3.4	<b>6.9 J</b>
SB-12	7-9	4/19/2013	<10	<12	<7.7	<16	<6.5	<4.6	<9.6	<8.1	<7.9	<22	<16	<12	<43	<31	<11	<13	<13	<4.3	<7.2
	11-12		<12	<13	<8.5	<17	<7.2	<5.1	<11	<8.9	<8.7	<24	<17	<13	<47	<34	<12	<15	<14	<4.7	<7.9
SB-13	7-9	4/19/2013	<13	<15	<9.7	<20	<8.2	<5.8	<12	<10	<9.9	<27	<20	<15	<54	<39	<14	<17	<16	<5.4	<9.0
	11-12		<11	<12	<7.8	<16	<6.6	<4.7	<9.8	<8.2	<8.0	<22	<16	<12	<44	<31	<11	<13	<13	<4.4	<7.3
MW-8	7	12/2/2013	<49	<28	<24	<29	<21	<b>390</b>	<b>153</b>	<b>410</b>	<b>760</b>	<95	<b>570</b>	<b>62 J</b>	<57	<114	<b>2,200</b>	<b>8,600</b>	<b>3,010</b>	<b>43 J</b>	<b>9,234</b>

**Notes:**

<sup>1</sup> Residual Contaminant Levels calculated according to the procedures described in WDNR Publication RR-890  
 All concentrations reported in micrograms per kilogram µg/kg  
**Bolded** values are above Laboratory Detection Limits  
**Bolded and Orange Shaded** value indicates an exceedance of the Industrial Residual Contaminant Level  
**Bolded and Green Shaded** value indicates an exceedance of the Non-Industrial Residual Contaminant Level  
**Bolded and Blue Shaded** value indicates an exceedance of the Soil to Groundwater Residual Contaminant Level

Samples analyzed using EPA SW-846 Method 8260  
 J = Estimated concentration between the Method Detection Limit and the Reporting Limit  
 N.E. = Not Established  
 RCL = Residual Contaminant Level  
 ND = Compound not detected. Data not available to EnviroForensics.