State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM: Completion of this form is required under s. NR 724.13(3), Wis. Adm. Code. A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Failure to submit this form as required is a violation of s. NR 724.13(3), Wis. Adm. Code, and is subject to the penalties in s. 292.99, Wis. Stats. This form must be submitted every six months for soil or groundwater remediation projects that report operation and maintenance progress in accordance with s. NR 724.13(3), Wis. Adm. Code.

Note: Long-term monitoring results submitted in accordance with s. NR 724.17(3), Wis. Adm. Code 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 s. NR 724.17(3), Wis. Adm. Code.

Note: Responsible parties should check with the State 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 Superfund response.

Note: Responsible parties should check with the State Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and obtain prior written approval for any omissions or changes.

Submittal of this form is not a substitute for reporting required by Department programs such as Waste Water or Air Management. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by the Bureau for Remediation and Redevelopment.

Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.). Unless otherwise noted, all citations refer to Wisconsin Administrative Code.

Note: There is a separate semi-annual report required under s. NR 700.11(1), Wis. Adm. Code. Reporting under that provision is through an internet-based form:

http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf

Section GI - General Site Information

A. General Information

1. Site name

One Hour Martinizing - Oconomowoc

2. Reporting period from:	To:	Days in period:
01/01/2019	06/30/2019	181

3. Regulatory agency (enter DNR, DATCP and/or other)	4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)
DNR	02-68-551911

5. Site location

Region	County	Address
Southeast Region	Waukesha	36929 Plank Road

Municipality name	Township	Range	Section	¼	¼ ¼
◉ City ○ Town ○ Village		◉E ○W			
Oconomowoc Lake	07 N	17	3	NW	NW

6. Responsible party	7. Consultant
Name: Brian Cass	☐ Select if the following information has changed since the last submittal
Mailing address: W229 N2494 County Road F, Waukesha, WI 53186	Company name: EnviroForensics, LLC
Phone number: (262) 521-9710	Mailing address: N16 W23390 Stone Ridge Dr. Suite G; Phone number: (262) 290-4001

8. Contaminants

PCE, TCE, cis-1,2-DCE, and Vinyl Chloride

9. Soil types (USCS or USDA)

Silty Sand

10. Hydraulic conductivity(cm/sec):	11. Average linear velocity of groundwater (ft/yr)
0.02	355

12. If soil is treated ex situ, is the treatment location off site? ○ Yes ○ No

If yes, give location: Region	County

Municipality name	Township	Range	Section	¼	¼ ¼
○ City ○ Town ○ Village		○E ○W			
	N				

B. Remediation Method

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

- ☐ Groundwater extraction (submit a completed Section GW-1).
- ☐ Free product recovery (submit a completed Section GW-1).
- ☐ In situ air sparging (submit a completed Section GW-2).
- ☐ Groundwater natural attenuation (submit a completed Section GW-3).
- ☒ Other groundwater remediation method (submit a completed Section GW-4).
- ☒ Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- ☐ Soil natural attenuation (submit a completed Section IS-2).
- ☐ Other in situ soil remediation method (submit a completed Section IS-3).
- ☐ Biopiles (submit a completed Section ES-1).
- ☐ 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).

C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attentuation), 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.

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:

D. Economic and Cost Data to Date

1. Total investigation cost: $411,100.00
2. Implementation costs (design, capital and installation costs, excluding investigation costs: $476,800.00
3. Total costs during the previous reporting period: $287,465.00
4. Total costs during this reporting period: $38,850.00
5. Total anticipated costs for the next reporting period: $35,000.00
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:
   The costs presented in D.3 include a one-time injection of groundwater treatment solutions and installation of one (1) additional SVE well.

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
Andrew Horwath	Senior Engineer
Signature	Date
Andrew D. Horwath	8/9/2019

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), 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
Brian Kappen	Project Manager
Signature	Date
Brian J Kappen	8/8/2019

Scientists:

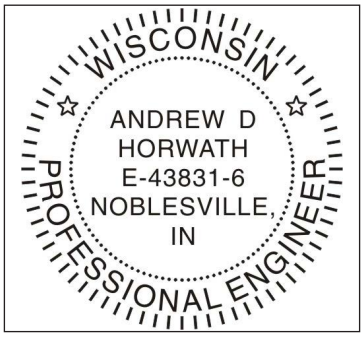
I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Other Persons:

Print name	Title
Signature	Date

Professional Seal(s), if applicable:



Section GW-4, Other Groundwater Remediation Methods

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

   b. Percent reduction necessary: 89.4 %

   c. Maximum contaminant concentration level in any monitoring well: 47 µg/L

2. Is the size of the plume: ◯ Increasing ◉ Stabalized ◯ Decreasing ?

3. Describe the method used to remediate groundwater at the site:
   A groundwater reducing agent along with an electron donor and specific microbes capable of degrading chlorinated solvents were injected into the groundwater on a grid system over the area of groundwater impacts in June 18-29, 2018 (see Figure 1). The greatest contaminant concentration and percent reduction reported above is from well MW-3 located just outside the source area. Groundwater sampling since that time has shown production of reducing conditions within the aquifer and significant reductions of PCE concentrations within the source area wells MW-1 and MW-5. This has resulted in the production of daughter products of de-halogenation such as trichloroethene, cis-1,2-dichloroethene, and vinyl chloride. Further post-remedial groundwater sampling is needed to assess the continuation of the de-halogenation process.

4. List any additional information required by the DNR for this method for this site:
   An injection permit request dated March 2, 2018 was submitted to the DNR and approved on March 16, 2018. In addition, a Remedial Action Implementation Report, dated July 30, 2018 was submitted to the DNR to satisfy reporting requirements in Wisconsin Administrative Code, Chapter NR 724.

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.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- Any other attachments required by the DNR for this remediation method.

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: 3
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
   137
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
   75.6% System produced significant condensate which required the system to be shut down periodically while permitting was pursued for discharge of treated condensate.
4. Average depth to groundwater: 27.31 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

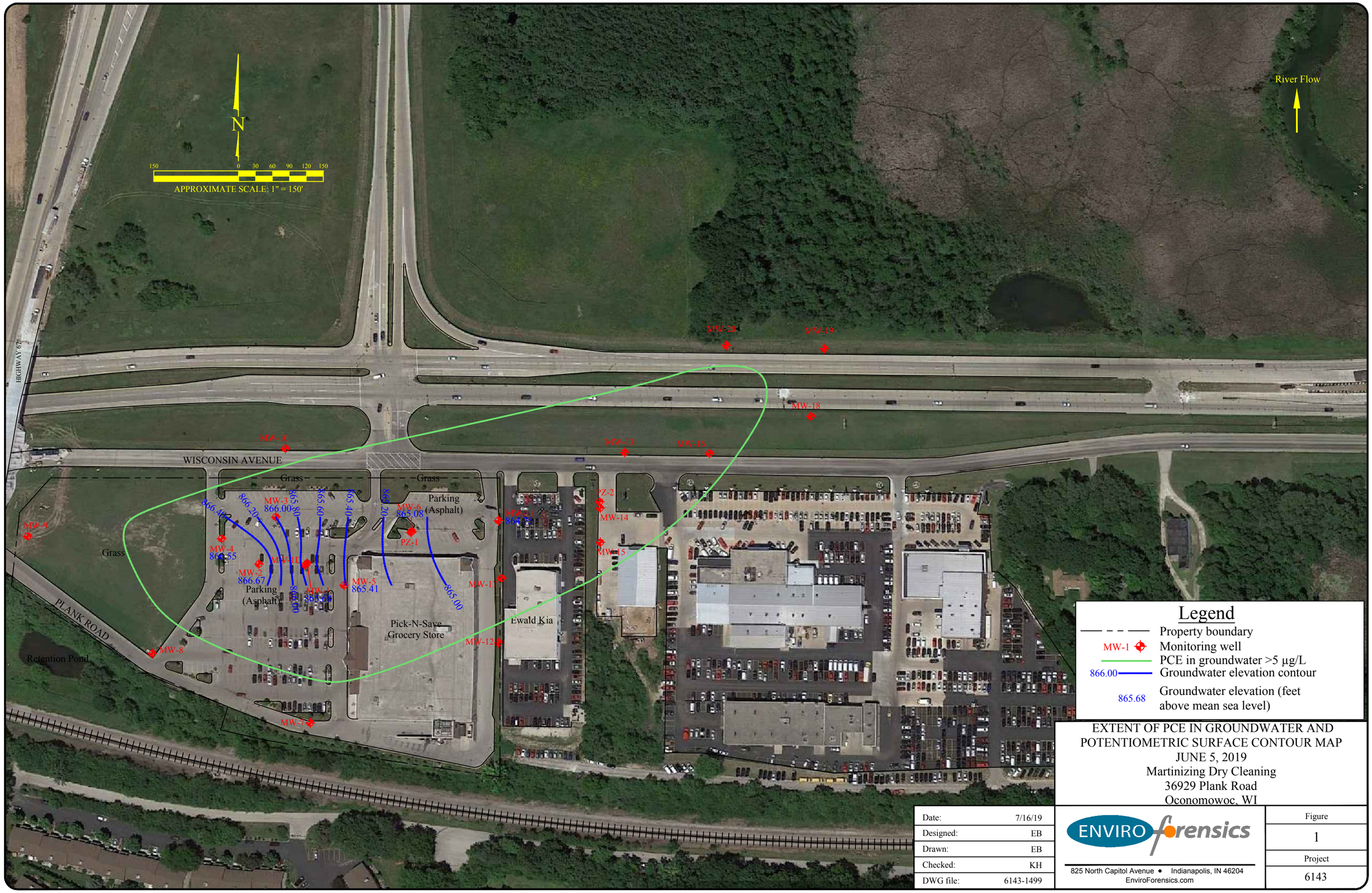
1. Average contaminant removal rate for the entire system: 0.007 pounds per day
2. Average contaminant removal rate per well or venting point: 0.002 pounds per day
3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate 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 (ppm_V) If over 10 ppm_V, explain:
      iii. If methane is not present above 10 ppm_V and if oxygen is greater than 20 percent in extracted air, you should either:
      - Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
      - 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 than 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.

D. Additional Attachments

Attach the following to this form:

- Well and soil sample location map indicating all air extraction wells. If forced air injection wells are also in use, identify those wells.
- If water table monitoring wells are present at the site, a map of well locations.
- Time versus vapor phase contaminant concentration graph.
- Time versus cumulative contaminant removal graph.
- Groundwater elevations table, if water table wells are present at the site; also list screen lengths and elevations.
- Table of soil contaminant chemistry data.
- Soil gas data, if gas probes are used to monitor subsurface conditions in locations other than where air is extracted.
- System operational data table.

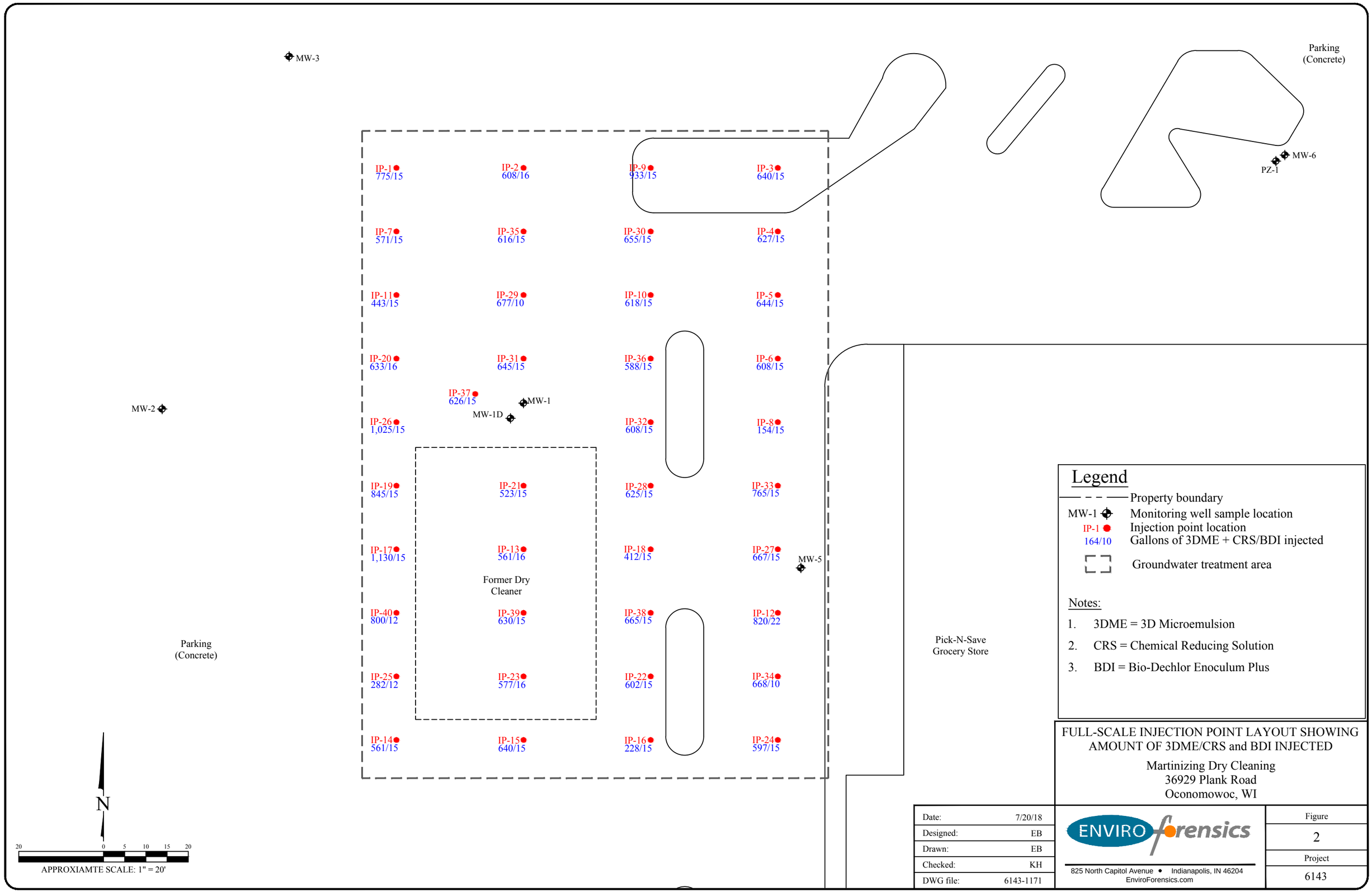


EXTENT OF PCE IN GROUNDWATER AND POTENTIOMETRIC SURFACE CONTOUR MAP
JUNE 5, 2019
Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

Date:	7/16/19
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6143-1499

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

Figure	1
Project	6143



Legend

- Property boundary
- MW-1 — Monitoring well sample location
- IP-1 — Injection point location
- 164/10 — Gallons of 3DME + CRS/BDI injected
- Groundwater treatment area

Notes:

1. 3DME = 3D Microemulsion
2. CRS = Chemical Reducing Solution
3. BDI = Bio-Dechlor Enoculum Plus

FULL-SCALE INJECTION POINT LAYOUT SHOWING AMOUNT OF 3DME/CRS and BDI INJECTED

Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

Date:	7/20/18
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6143-1171

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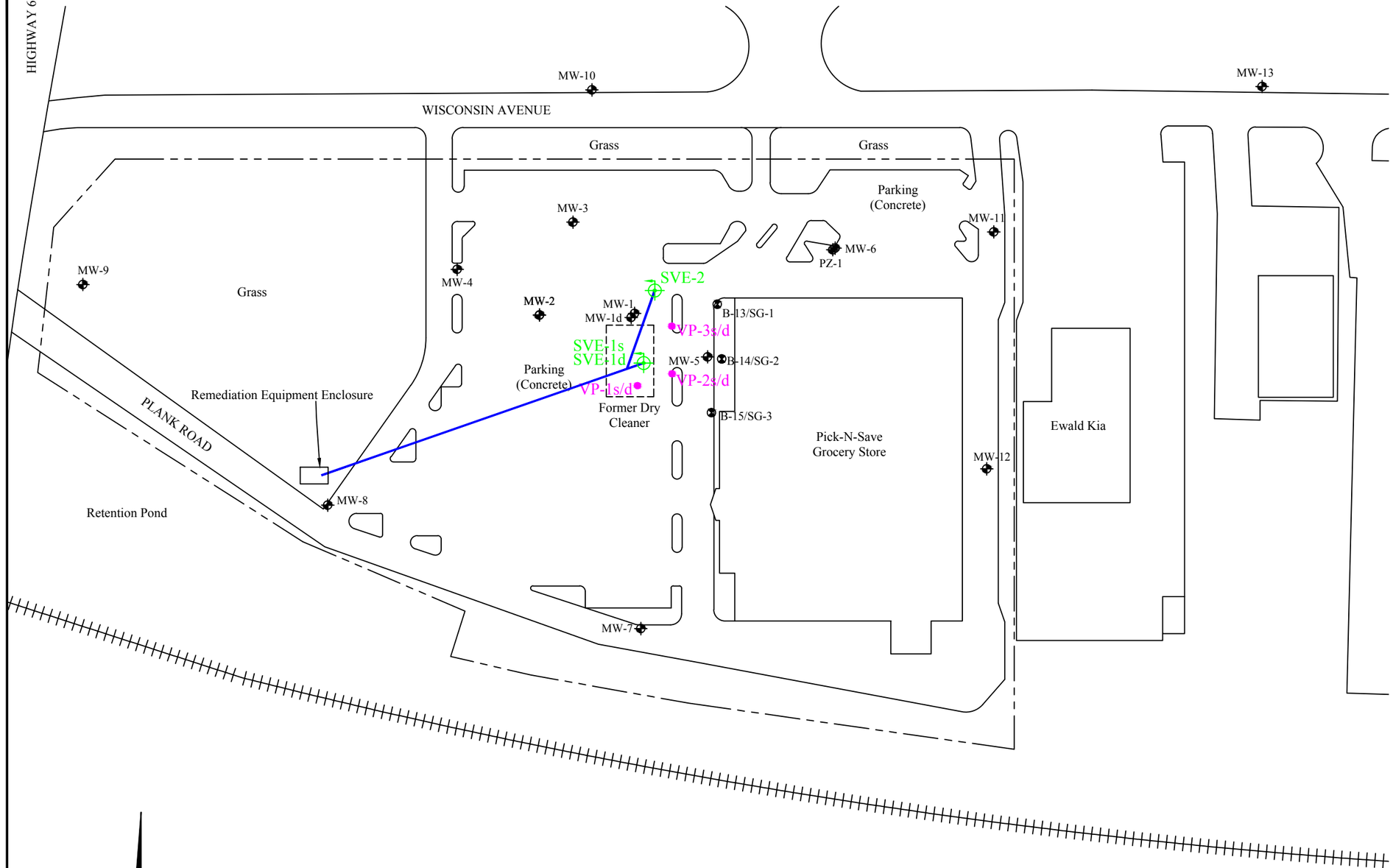
EnviroForensics.com

Figure
2
Project
6143



Legend

- Property boundary
- MW-1 — Monitoring well sample location
- SG-1 — Soil gas sampling point
- SVE-1s/d — SVE wells
- VP-1s/d — Nested vacuum monitoring point
- Subsurface conveyance piping

SVE SYSTEM LAYOUT

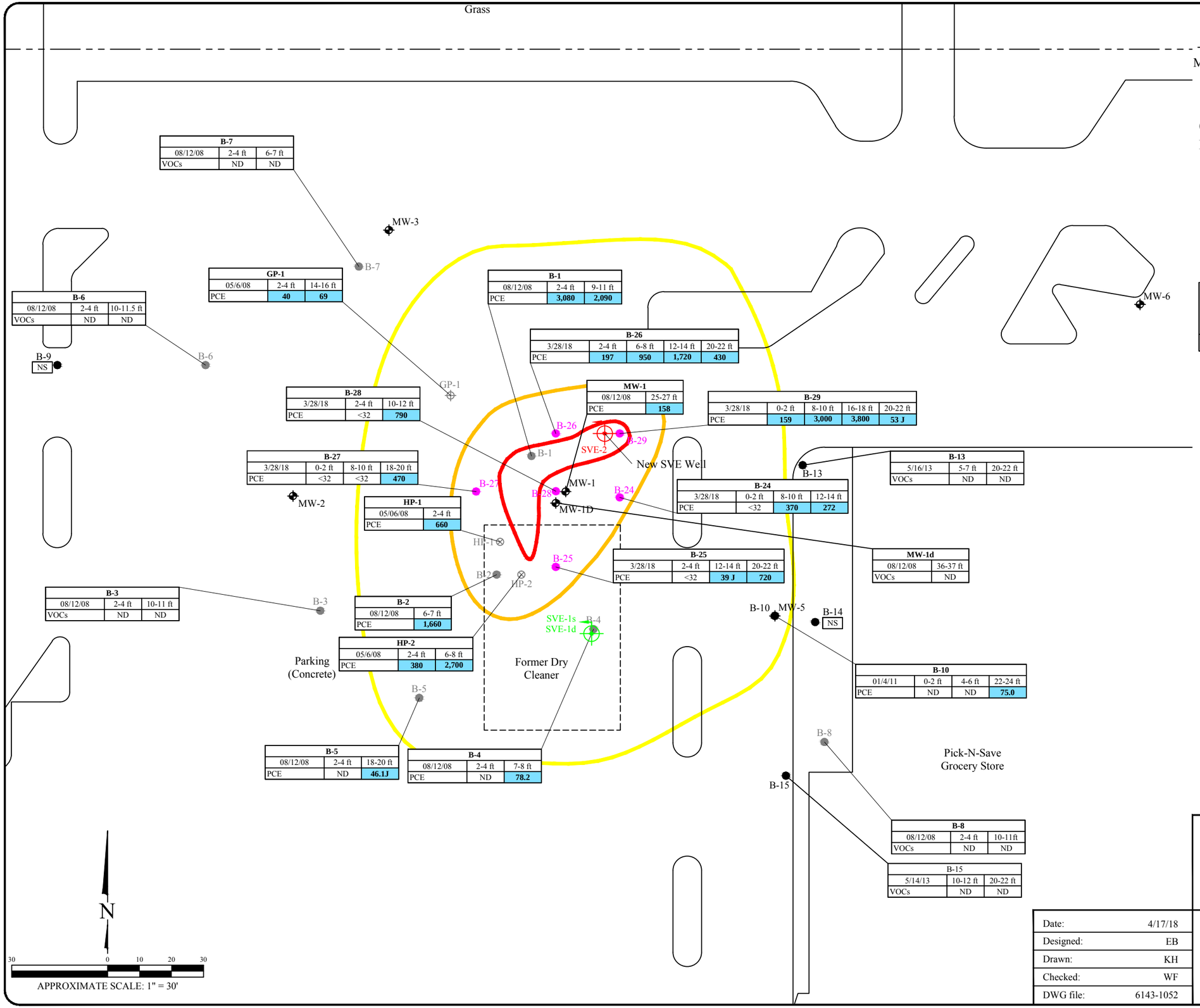
Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

Date:	10/18/16
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	6143-0540

ENVIRO forensics
ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204
EnviroForensics.com

Figure 3

Project 6143



Legend

- Property boundary
- MW-1 — Monitoring well sample location
- B-9 — Soil boring location (EnviroForensics)
- B-9 — 3/28/18 Soil boring location (EnviroForensics)
- B-1 — Soil boring location (KPRG)
- GP-1 — Preliminary site assessment borings (Giles)
- HP-1 — Soil boring location (Giles)
- Soil vapor extraction well location
- New soil vapor extraction well location installed July 2018
- >30 ug/kg PCE concentration in soil
- >300 ug/kg PCE concentration in soil
- >3,000 ug/kg PCE concentration in soil

Analyte	Soil Residual Contaminant Level		
	Direct Contact		Soil to Groundwater
	Non-Industrial	Industrial	
PCE	33,000	145,000	4.5

Notes:

1. Bolded and blue shaded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
2. All concentrations reported in units micrograms per kilogram (ug/kg)
3. PCE = Tetrachloroethene
4. VOCs = Volatile Organic Compounds
5. ND = Not Detected
6. NS = Not Sampled

SOURCE AREA SOIL ANALYTICAL RESULTS AND SVE WELL LOCATION MAP

Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

Date:	4/17/18
Designed:	EB
Drawn:	KH
Checked:	WF
DWG file:	6143-1052

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Figure 4

Project 6143

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	10.0	857.4 - 867.4	892.88	08/28/09	28.07	864.81
				11/09/09	28.56	864.32
				12/03/09	28.71	864.17
				03/08/10	29.03	863.85
				06/02/10	28.48	864.40
				01/07/11	28.46	864.42
				04/27/11	27.42	865.46
				09/07/11	28.70	864.18
				12/19/11	29.10	863.78
				02/27/12	29.31	863.57
				05/22/12	28.76	864.12
				06/11/13	27.19	865.69
				10/01/13	27.66	865.22
				01/02/14	28.54	864.34
				05/28/14	28.29	864.59
				10/09/14	28.90	863.98
				04/27/15	29.39	863.49
				06/22/15	29.29	863.59
				08/03/15	29.23	863.65
				11/04/15	29.28	863.60
				10/10/16	28.13	864.75
				03/28/17	28.34	864.54
				09/07/17	27.97	864.91
				05/17/18	28.35	864.53
				11/27/18	27.27	865.61
				03/18/19	27.71	865.17
				06/05/19	27.20	865.68
	Max				***29.39***	***865.69***
	Min				***27.19***	***863.49***
	Avg				***28.42***	***864.46***
MW-1D	5.0	842.6 - 847.6	892.58	08/28/09	27.67	864.91
				11/09/09	28.15	864.43
				12/03/09	28.31	864.27
				03/08/10	28.68	863.90
				06/02/10	28.08	864.50
				01/07/11	28.06	864.52
				04/27/11	27.63	864.95
				09/07/11	28.30	864.28
				12/19/11	28.73	863.85
				02/27/12	29.00	863.58
				05/22/12	28.44	864.14
				06/11/13	26.90	865.68
				10/01/13	27.29	865.29
				01/02/14	28.16	864.42
				05/28/14	28.15	864.43
				10/09/14	29.92	862.66
				04/27/15	29.05	863.53
				06/22/15	28.92	863.66
				08/03/15	28.87	863.71
				11/04/15	45.80	846.78
				10/10/16	27.77	864.81
				03/28/17	27.97	864.61
				09/07/17	26.92	865.66
				05/17/18	28.09	864.49
				11/27/18	27.23	865.35
				06/05/19	27.62	864.96
	Max				***45.80***	***865.68***
	Min				***26.90***	***846.78***
	Avg				***28.84***	***863.75***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-2	10.0	855.8 - 865.8	891.24	08/28/09	26.00	865.24
				11/09/09	26.58	864.66
				12/03/09	28.72	862.52
				03/08/10	27.09	864.15
				06/02/10	26.51	864.73
				01/07/11	26.40	864.84
				04/27/11	26.03	865.21
				09/07/11	26.74	864.50
				12/19/11	27.20	864.04
				02/27/12	27.46	863.78
				05/22/12	26.89	864.35
			891.27	06/11/13	25.22	866.05
				10/01/13	25.63	865.64
				01/02/14	26.57	864.70
				05/28/14	26.35	864.92
				10/09/14	27.06	864.21
				04/27/15	27.53	863.74
				06/22/15	27.44	863.83
				08/03/15	27.38	863.89
				11/04/15	27.42	863.85
				10/10/16	26.13	865.14
				03/28/17	26.37	864.90
				09/07/17	25.93	865.34
				05/17/18	26.41	864.86
				11/27/18	24.95	866.32
				03/18/19	24.60	866.67
				06/05/19	24.60	866.67
	Max				***28.72***	***866.67***
	Min				***24.60***	***862.52***
	Avg				***26.49***	***864.77***
MW-3	10.0	856.9 - 866.9	892.88	08/28/09	27.66	865.22
				11/09/09	28.31	864.57
				12/03/09	28.48	864.40
				03/08/10	28.80	864.08
				06/02/10	28.21	864.67
				01/07/11	28.12	864.76
				04/27/11	27.72	865.16
				09/07/11	28.40	864.48
				12/19/11	28.93	863.95
				02/27/12	29.16	863.72
				05/22/12	28.58	864.30
				06/11/13	26.90	865.98
				10/01/13	27.33	865.55
				01/02/14	28.27	864.61
				05/28/14	28.06	864.82
				10/09/14	28.73	864.15
				04/27/15	29.23	863.65
				06/22/15	29.12	863.76
				08/03/15	29.16	863.72
				11/04/15	29.06	863.82
				10/10/16	27.86	865.02
				03/28/17	28.06	864.82
				09/07/17	27.63	865.25
				05/17/18	28.11	864.77
				11/27/18	27.06	865.82
				03/18/19	27.52	865.36
				06/05/19	26.88	866.00
	Max				***29.23***	***866.00***
	Min				***26.88***	***863.65***
	Avg				***28.20***	***864.68***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-4	10.0	857.0 - 867.0	891.72	01/07/11	26.55	865.17
				04/27/11	26.70	865.02
				09/07/11	26.60	865.12
				12/19/11	27.42	864.30
				02/27/12	27.68	864.04
				05/22/12	27.17	864.55
				06/11/13	25.41	866.31
				10/01/13	24.46	867.26
				01/02/14	26.8	864.92
				05/28/14	26.56	865.16
				10/09/14	27.30	864.42
				04/27/15	27.91	863.81
				06/22/15	27.74	863.98
				08/03/15	27.65	864.07
				11/04/15	27.71	864.01
				10/10/16	26.38	865.34
				03/28/17	26.64	865.08
				09/07/17	26.10	865.62
				05/17/18	26.22	865.50
				11/27/18	25.59	866.13
				03/18/19	26.05	865.67
				06/05/19	25.17	866.55
	Max				***27.91***	***867.26***
	Min				***24.46***	***863.81***
	Avg				***26.70***	***865.07***
MW-5	10.0	859.2 - 869.2	893.69	01/07/11	29.47	864.22
				04/27/11	29.06	864.63
				09/07/11	29.70	863.99
				12/19/11	30.09	863.60
				02/27/12	30.29	863.40
				05/22/12	29.77	863.92
				06/11/13	28.12	865.57
				10/01/13	28.74	864.95
				01/02/14	29.57	864.12
				05/28/14	29.28	864.41
				10/09/14	28.40	865.29
				04/27/15	30.32	863.37
				06/22/15	30.22	863.47
				08/03/15	30.18	863.51
				11/04/15	30.23	863.46
				10/10/16	29.15	864.54
				03/28/17	29.33	864.36
				09/07/17	29.03	864.66
				05/17/18	29.35	864.34
				11/27/18	28.43	865.26
				03/18/19	28.90	864.79
				06/05/19	28.28	865.41
	Max				***30.32***	***865.57***
	Min				***28.12***	***863.37***
	Avg				***29.36***	***864.25***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-6	10.0	858.7 - 868.7	NA	01/07/11	29.68	NA
				04/27/11	29.19	NA
				09/07/11	29.85	NA
				12/19/11	30.13	NA
				02/27/12	30.34	NA
				05/22/12	29.78	NA
			893.57	06/11/13	28.35	865.22
				10/01/13	28.95	864.62
				01/02/14	29.7	863.87
				05/28/14	29.36	864.21
				10/09/14	30.11	863.46
				04/27/15	30.35	863.22
				06/22/15	30.25	863.32
				08/03/15	30.24	863.33
				11/04/15	30.30	863.27
				10/10/16	29.25	864.32
				03/28/17	29.42	864.15
				09/07/17	29.20	864.37
				05/17/18	29.40	864.17
				11/27/18	28.63	864.94
				03/18/19	29.02	864.55
				06/05/19	28.49	865.08
	Max				***30.35***	***865.22***
	Min				***28.35***	***863.22***
	Avg				***29.55***	***864.13***
MW-7	10.0	856.4 - 866.4	891.51	01/07/11	26.58	864.93
				04/27/11	26.00	865.51
				09/07/11	26.88	864.63
				12/19/11	27.37	864.14
				02/27/12	27.70	863.81
				05/22/12	26.80	864.71
				06/11/13	25.02	866.49
				10/01/13	25.02	866.49
				01/02/14	26.77	864.74
				05/28/14	26.16	865.35
				10/09/14	27.28	864.23
				04/27/15	27.49	864.02
				06/22/15	27.19	864.32
				08/03/15	27.41	864.10
				11/04/15	27.55	863.96
				10/10/16	26.27	865.24
				03/28/17	26.55	864.96
				09/07/17	26.05	865.46
	Max				***27.70***	***866.49***
	Min				***25.02***	***863.81***
	Avg				***26.67***	***864.84***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-8	10.0	858.3 - 868.3	887.73	06/11/13	21.55	866.18
				10/01/13	21.96	865.77
				01/02/14	22.98	864.75
				05/28/14	22.65	865.08
				10/09/14	23.54	864.19
				04/27/15	23.96	863.77
				06/22/15	23.83	863.90
				08/03/15	23.86	863.87
				11/04/15	23.95	863.78
				10/10/16	22.80	864.93
				03/28/17	22.85	864.88
				09/07/17	22.26	865.47
	Max				***23.96***	***866.18***
	Min				***21.55***	***863.77***
	Avg				***23.02***	***864.71***
MW-9	10.0	860.0 - 870.0	889.32	06/11/13	23.48	865.84
				10/01/13	23.88	865.44
				01/02/14	24.88	864.44
				05/28/14	24.46	864.86
				10/09/14	25.45	863.87
				04/27/15	25.80	863.52
				06/22/15	25.61	863.71
				08/03/15	25.79	863.53
				11/04/15	25.90	863.42
				10/10/16	24.50	864.82
				03/28/17	24.72	864.60
				09/07/17	24.04	865.28
	Max				***25.90***	***865.84***
	Min				***23.48***	***863.42***
	Avg				***24.88***	***864.44***
MW-10	10.0	862.0 - 872.0	895.61	06/11/13	29.53	866.08
				10/01/13	29.95	865.66
				01/02/14	30.89	864.72
				05/28/14	30.72	864.89
				10/09/14	31.35	864.26
				04/27/15	31.87	863.74
				06/22/15	31.81	863.80
				08/03/15	31.70	863.91
				11/04/15	31.69	863.92
				10/10/16	30.50	865.11
				03/28/17	30.65	864.96
				09/07/17	30.29	865.32
	Max				***31.87***	***866.08***
	Min				***29.53***	***863.74***
	Avg				***30.91***	***864.70***
MW-11	10.0	859.2 - 869.2	893.44	06/11/13	29.60	863.84
				10/01/13	29.25	864.19
				01/02/14	29.94	863.50
				05/28/14	29.52	863.92
				10/09/14	30.28	863.16
				04/27/15	30.38	863.06
				06/22/15	30.26	863.18
				08/03/15	30.33	863.11
				11/04/15	30.38	863.06
				10/10/16	29.47	863.97
				03/28/17	29.55	863.89
				09/07/17	29.46	863.98
				05/17/18	29.42	864.02
				11/27/18	28.30	865.14
				03/18/19	29.16	864.28
				06/05/19	28.69	864.75
	Max				***30.38***	***865.14***
	Min				***28.30***	***863.06***
	Avg				***29.62***	***863.82***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-12	10.0	859.6 - 869.6	893.05	06/11/13	27.95	865.10
				10/01/13	28.69	864.36
				01/02/14	29.41	863.64
				05/28/14	28.92	864.13
				10/09/14	29.78	863.27
				04/27/15	29.87	863.18
				06/22/15	29.25	863.80
				08/03/15	29.81	863.24
				11/04/15	29.86	863.19
				10/10/16	28.90	864.15
				03/28/17	29.04	864.01
				09/07/17	28.92	864.13
	Max				***29.87***	***865.10***
	Min				***27.95***	***863.18***
	Avg				***29.20***	***863.85***
MW-13	10.0	857.1 - 867.1	892.12	01/02/14	29.47	862.65
				05/28/14	28.96	863.16
				10/09/14	29.77	862.35
				04/15/15	29.46	862.66
				04/27/15	29.47	862.65
				06/22/15	29.43	862.69
				08/03/15	29.78	862.34
				11/04/15	29.71	862.41
				10/10/16	29.13	862.99
				03/28/17	28.92	863.20
				09/07/17	29.78	862.34
	Max				***29.78***	***863.20***
	Min				***28.92***	***862.34***
	Avg				***29.44***	***862.68***
MW-14	10.0	858.0 - 873.0	894.00	04/15/15	31.29	862.71
				04/27/15	31.14	862.86
				06/22/15	31.08	862.92
				08/03/15	31.33	862.67
				11/04/15	31.30	862.70
				10/10/16	30.58	863.42
				03/28/17	30.51	863.49
				09/07/17	30.78	863.22
				05/17/18	30.29	863.71
				11/27/18	30.09	863.91
	Max				***31.33***	***863.91***
	Min				***30.09***	***862.67***
	Avg				***30.84***	***863.16***
MW-15	10.0	856.4 - 871.4	893.89	04/15/15	31.18	862.71
				04/27/15	30.97	862.92
				06/22/15	30.90	862.99
				08/03/15	31.13	862.76
				11/04/15	31.12	862.77
				10/10/16	30.35	863.54
				03/28/17	30.32	863.57
				09/07/17	30.36	863.53
	Max				***31.18***	***863.57***
	Min				***30.32***	***862.71***
	Avg				***30.79***	***863.10***
MW-16	10.0	854.7 - 864.7	890.67	08/03/15	28.25	862.42
				11/04/15	28.52	862.15
				10/10/16	28.03	862.64
				03/28/17	27.72	862.95
				09/07/17	27.92	862.75
				05/11/18	27.33	863.34
				11/27/18	27.57	863.10
	Max				***28.52***	***863.34***
	Min				***27.33***	***862.15***
	Avg				***27.91***	***862.76***

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Well ID	Screen Length (feet)	Screened Interval (feet AMSL)	TOC Elevation (feet AMSL)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-17	10.0	858.1 - 873.1	895.63	08/03/15	32.49	863.14
				11/04/15	32.50	863.13
				10/10/16	31.65	863.98
				03/28/17	31.71	863.92
				09/07/17	31.59	864.04
	Max				***32.50***	***864.04***
	Min				***31.59***	***863.13***
	Avg				***31.99***	***863.64***
MW-18	10.0	856.5 - 866.5	882.37	09/07/17	19.66	862.71
MW-19	10.0	855.8 - 865.8	883.02	09/07/17	20.40	862.62
				05/17/18	19.82	863.20
				11/27/18	19.97	863.05
	Max				***20.40***	***863.20***
	Min				***19.82***	***862.62***
	Avg				***20.06***	***862.96***
MW-20	10.0	855.8 - 865.8	886.11	09/07/17	23.81	862.30
				05/17/18	23.00	863.11
				11/27/18	23.05	863.06
	Max				***23.81***	***863.11***
	Min				***23.00***	***862.30***
	Avg				***23.29***	***862.82***
PZ-1	5.0	838.6 - 843.6	893.57	01/02/14	29.46	864.11
				05/28/14	29.31	864.26
				10/09/14	29.88	863.69
				04/27/15	31.21	862.36
				06/22/15	30.10	863.47
				08/03/15	30.23	863.34
				11/04/15	32.14	861.43
				10/10/16	29.07	864.50
				03/28/17	29.23	864.34
				09/07/17	28.33	865.24
	Max				***32.14***	***865.24***
	Min				***28.33***	***861.43***
	Avg				***29.90***	***863.67***
PZ-2	5.0	837.5 - 842.5	894.01	04/15/15	29.96	864.05
				04/27/15	30.76	863.25
				06/22/15	30.70	863.31
				08/03/15	30.91	863.10
				11/04/15	30.78	863.23
				10/10/16	29.80	864.21
				03/28/17	29.94	864.07
				09/07/17	29.93	864.08
	Max				***30.91***	***864.21***
	Min				***29.80***	***863.10***
	Avg				***30.35***	***863.66***

Notes:

All measurements recorded in feet

TOC = Top of Casing

AMSL = Above Mean Seal Level

NA = not available

TABLE 2
MONITORING WELL ANALYTICAL RESULTS
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well ID	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Naphthalene	Methylene chloride	Chloroform
Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**	**10**	**1**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**	**100**	**5**	**6**
MW-1	05/08/09	**210**	**0.66 J**	<0.96	<0.96	<0.26	<0.26	<0.43	<0.20
	08/28/09	**357**	**1.9 J**	<4.2	<4.4	<0.90	<0.90	<0.43	<0.20
	12/03/09	**154**	<0.96	<0.96	<0.96	<0.26	<0.26	<0.43	<0.20
	03/10/10	**229**	**1.0 J**	<0.96	<0.96	<0.26	<0.26	<0.43	<0.20
	06/02/10	**140**	<0.96	<0.96	<0.96	<0.26	<0.26	<0.43	<0.20
	09/17/10	**442**	<2.4	< 4.2	<4.4	<0.90	<0.90	<2.2	<1.4
	01/07/11	**420**	**2.4**	<0.50	<0.50	< 0.20	<0.20	<1.0	<0.20
	04/27/11	**167**	**0.58 J**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	09/08/11	**335**	<1.9	<3.3	<3.6	<0.72	<0.72	<1.7	<5.2
	12/19/11	**170**	**0.78 J**	<1.0	<1.0	<0.40	<1.3	<1.0	<0.40
	02/28/12	**120**	**0.46 J**	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	05/24/12	**140**	**0.81**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**120**	**0.69**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**169**	<3.3	<3.8	<3.5	<1.8	<17	<5	<2.8
	1/3/2014	**254**	<3.3	<3.8	<3.5	<1.8	<17	<5	<2.8
	3/6/2014	**267**	**2.2 J**	<1.9	<1.75	<0.9	<8.5	<2.5	<1.4
	5/29/2014	**109**	<1.65	<1.9	<1.75	<0.9	<8.5	<2.5	<1.4
	10/9/2014	**280**	**2.63**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**78**	<2.35	<2.25	<2.7	<0.85	NA	NA	NA
	11/5/2015	**82**	**0.53 J**	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**237**	**1.50**	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	4/3/2017	**205**	<2.25	<2.05	<1.75	<0.95	NA	NA	NA
	9/1/2017	**340**	**1.95**	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**44**	**1.38**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**3.2**	**0.59 J**	**0.50 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	11/28/2018	**9.7**	**7.0**	**19.5**	<0.34	**0.76**	<2.1	<1.32	<0.26
	3/18/2019	**2.7**	**0.49 J**	**20.5**	<0.34	**7.3**	<2.1	<1.32	<0.26
	6/6/2019[3]	**2.03**	**0.44 J**	**11.1**	<0.34	**3.9**	<2.1	**1.73 J**	**1.31**
MW-1D	08/28/09	**7.9**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	12/03/09	**14**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	03/10/10	**3.2**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	06/02/10	**4.2**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	09/17/10	**8.9**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	01/07/11	**2.7**	<0.20	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**2.9**	<0.48	<0.83	<0.89	<018	<018	<0.43	<018
	09/08/11	**3.4**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**2.0**	**2.0**	<0.50	<0.50	<0.20	**0.90 J**	<1.0	<0.20
	02/27/12	**1.8 J**	< 0.96	<0.50	<0.50	<0.20	< 0.20	<1.0	<0.20
	05/22/12	**2.5**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**4.4**	<0.19	**8.5**	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**0.91 J**	**0.37 J**	**2.08**	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	**0.42 J**	<0.33	**3.8**	<0.35	<0.18	<1.7	<0.5	<0.28
	3/6/2014	**6.0**	**1.87**	**11.3**	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**1.37**	**0.46 J**	**0.66 J**	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**0.77 J**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**2.33 J**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**2.08**	**0.53 J**	**1.01 J**	<0.54	<0.17	NA	NA	NA
	10/11/2016	**0.57 J**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	<0.48	<0.45	**0.85 J**	<0.35	<0.19	NA	NA	NA
	9/1/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**0.66 J**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/28/2018	<0.48	<0.3	**0.61 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	**0.51 J**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26

TABLE 2
MONITORING WELL ANALYTICAL RESULTS
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well ID	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Naphthalene	Methylene chloride	Chloroform
Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**	**10**	**1**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**	**100**	**5**	**6**
MW-2	08/28/09	**14.4**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	12/03/09	**31.1**	<0.48	<0.83	<0.89	<0.18	< 0.18	<0.43	<0.18
	03/10/10	**36.7**	<0.48	<0.83	<0.89	<0.18	< 0.18	<0.43	<0.18
	06/02/10	**24.2**	<0.48	<0.83	<0.89	<0.18	< 0.18	<0.43	<0.18
	09/17/10	**47.8**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	01/07/11	**41**	<0.20	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**44.1**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	09/08/11	**41.7**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**51**	<0.20	<0.20	<0.20	<0.20	<0.25	<1.0	<0.20
	02/27/12	**45**	<0.20	<0.20	<0.20	<0.20	<0.25	<1.0	<0.20
	05/23/12	**37**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**27**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**34**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	**29.8**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/6/2014	**37.0**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**27.8**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**18.5**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**16.9**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**23**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**1.25 J**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**1.82**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**4.7**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	<0.38	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/28/2018	<0.38	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	<0.38	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	<0.38	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-3	08/28/09	**49.5**	**0.68 J**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	12/03/09	**63.3**	**1.0**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	03/10/10	**51.6**	**0.93 J**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	06/02/10	**34.2**	**0.64 J**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	09/17/10	**96.3**	**3.6**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.18
	01/07/11	**83**	**3.3**	<0.64	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**72.9**	**2.7**	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	09/08/11	**74.4**	**2.7**	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**66**	**1.2 J**	<0.50	<0.50	<0.20	<0.25	<1.0	<0.20
	02/28/12	**70**	**1.2 J**	<0.20	<0.20	<0.20	<0.25	<0.68	<0.20
	05/23/12	**57**	**1.3**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**52**	**2.2**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**65**	**3.5**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/2/2014	**55**	**1.88**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/6/2014	**68**	**2.07**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**56**	**2.22**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/8/2014	**58**	**1.78**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**64**	**1.55**	<0.45	<0.54	<0.17	NA	NA	NA
	11/4/2015	**54**	**2.06**	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**63**	**1.91**	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	**62**	**1.38 J**	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**51**	**1.28 J**	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**52**	**1.23**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**41**	**0.79 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**54**	**0.89 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	**44**	**0.72 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	**47**	**0.54 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-4	01/07/11	**46**	<0.20	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**69**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	09/08/11	**29**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**23**	<0.20	<0.50	<0.50	<0.20	<0.25	<1.0	<0.20
	02/27/12	**19**	<0.20	<0.50	<0.50	<0.20	<0.25	<1.0	<0.20
	05/23/12	**35**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**30**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**53**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/2/2014	**19.5**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	**32.0**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	**13.3**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/8/2014	**12.7**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**14.8**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/4/2015	**11.8**	<0.47	<0.54	<0.45	<0.54	NA	NA	NA
	10/13/2016	**17.2**	<0.47	<0.54	<0.45	<0.54	<1.6	<1.3	<0.43
	4/3/2017	**27.1**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**31.4**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**30.1**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**35**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**52**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	**33**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	**11.3**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26

TABLE 2
MONITORING WELL ANALYTICAL RESULTS
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well ID	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Naphthalene	Methylene chloride	Chloroform
Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**	**10**	**1**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**	**100**	**5**	**6**
MW-5	01/07/11	**140**	**0.86**	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**133**	**0.77 J**	<0.83	<0.89	<0.18	<0.18	<0.61	<1.3
	09/08/11	**121**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**110**	**0.41 J**	<0.50	<0.50	<0.20	<0.50	<1.0	<0.20
	02/28/12	**140**	**0.62 J**	<0.50	<0.50	<0.20	<0.50	<1.0	<0.20
	05/23/12	**89**	**0.49 J**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/12/2013	**98**	**0.58**	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	**105**	**0.75 J**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	**160**	**1.34**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/6/2014	**180**	**1.93**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**162**	**0.96 J**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**116**	**1.23**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**152**	**0.89 J**	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**158**	<4.7	<4.5	<5.4	<1.7	NA	NA	NA
	10/13/2016	**132**	**0.68**	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	4/3/2017	**67**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**68**	<0.45	**0.43 J**	<0.35	<0.19	NA	NA	NA
	5/18/2018	**99**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**43**	<0.3	**0.47 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	11/28/2018	**39**	**0.58 J**	**0.61 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	**27.2**	**0.83 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	6/7/2019	**19.5**	**1.41**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-6	01/07/11	**41**	**0.38**	<0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	**47.3**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	09/08/11	**39.2**	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	**43**	**0.27 J**	<0.50	<0.50	<0.20	<0.25	<1.0	<0.20
	02/28/12	**36**	**0.21 J**	<0.50	<0.50	<0.20	<0.25	<1.0	<0.20
	05/23/12	**27**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/11/2013	**19**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	**28.8**	**0.34 J**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	**36**	**0.71 J**	<0.38	<0.35	**0.21 J**	<1.7	<0.5	<0.28
	3/6/2014	**33**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**40**	**0.51 J**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**34**	**0.37 J**	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**45**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**36**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**26.3**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	4/3/2017	**29.8**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**22.2**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**55**	**0.62 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**27**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**36**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	**35**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	**29.5**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-7	01/07/11	<0.50	<0.20	< 0.50	<0.50	<0.20	<0.20	<1.0	<0.20
	04/27/11	<0.45	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<0.20
	09/08/11	<0.45	<0.48	<0.83	<0.89	<0.18	<0.18	<0.43	<1.3
	12/19/11	<0.45	<0.48	<0.83	<0.89	<0.18	<0.18	<1.0	**0.47 J**
	02/27/12	<0.45	<0.48	<0.83	<0.89	<0.18	<0.18	<1.0	**0.49 J**
	05/22/12	<0.17	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	6/11/2013	<0.17	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/2/2013	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	<0.49	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/10/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	**0.55 J**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-8	6/11/2013	**1.3**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	**1.52**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/2/2014	**1.11**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	**1.67**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	**0.33 J**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**1.4**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**2.12 J**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/4/2015	**2.5**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**3.01**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	**2.02**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**3.0**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA

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Monitoring Well ID	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Naphthalene	Methylene chloride	Chloroform
Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**	**10**	**1**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**	**100**	**5**	**6**
MW-9	6/11/2013	<0.17	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/2/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/8/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/22/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/4/2015	<0.49	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/10/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-10	6/11/2013	<0.17	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/2/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/4/2015	<0.49	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/10/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-11	6/11/2013	**12**	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	**30.4**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	**38**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	**34**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**34**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/8/2014	**25**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/22/2015	**24**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	**12.6**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**23.5**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	4/3/2017	**23.8**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**14.5**	**0.48 J**	<0.41	<0.35	<0.19	NA	NA	NA
	5/18/2018	**20.6**	**0.35 J**	**0.76 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	8/29/2018	**26.9**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/27/2018	<0.38	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	3/18/2019	**1.37**	<0.3	**0.46 J**	<0.34	<0.2	<2.1	<1.32	<0.26
	6/6/2019	**4.1**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-12	6/11/2013	<0.17	<0.19	<0.12	<0.25	<0.10	<0.16	<0.68	<0.20
	10/1/2013	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	1/3/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/6/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/28/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/8/2014	<0.33	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/22/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	<0.49	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/10/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-13	1/3/2014	**1.15**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	3/5/2014	**1.27**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**1.73**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**1.20**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	4/15/2015	**2.57**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	6/22/2015	**3.90**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	8/3/2015	**2.8**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	**3.7**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**5.2**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	**9.6**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**2.3**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-14	4/15/2015	**10.50**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	6/22/2015	**12.6**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	8/3/2015	**6.7**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	**12.2**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**29.9**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	**45**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**26.6**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/17/2018	**40**	**0.35 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**44**	**0.34 J**	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-15	4/15/2015	**2.97**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	6/22/2015	**10.7**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	8/3/2015	**3.2**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	**8.2**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**7.4**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	**9.2**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**6.1**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA

TABLE 2
MONITORING WELL ANALYTICAL RESULTS
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well ID	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Naphthalene	Methylene chloride	Chloroform
Preventive Action Limit		**0.5**	**0.5**	**7**	**20**	**0.02**	**10**	**1**	**0.6**
Enforcement Standard		**5**	**5**	**70**	**100**	**0.2**	**100**	**5**	**6**
MW-16	8/3/2015	**2.99**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	**4.6**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**11.1**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	**28.1**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	**5.8**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/17/2018	**20.6**	<0.3	<0.37	<0.32	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**8.9**	<0.3	<0.37	<0.32	<0.2	<2.1	<1.32	<0.26
MW-17	8/3/2015	**8.4**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**11.1**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/13/2016	**7.4**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/31/2017	**13.1**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**1.57**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
MW-18	8/31/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/17/2018	**2.3**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-19	8/31/2017	**2.44**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	11/27/2018	**2.9**	<0.3	<0.37	<0.34	<0.2	<2.1	<1.32	<0.26
MW-20	8/31/2017	**2.32**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	5/17/2018	**0.68 J**	<0.3	<0.37	<0.32	<0.2	<2.1	<1.32	<0.26
	11/27/2018	**1.53**	<0.3	<0.37	<0.32	<0.2	<2.1	<1.32	<0.26
PZ-1	1/3/2014	**8.9**	<0.33	<0.38	<0.35	**0.26 J**	<1.7	<0.5	<0.28
	3/6/2014	**8.5**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	5/29/2014	**6.3**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	10/9/2014	**7.1**	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	4/15/2015	<0.74	<0.33	<0.38	<0.35	<0.18	<1.7	<0.5	<0.28
	6/23/2015	**10.6**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/5/2015	**9.8**	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	**11.4**	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	4/3/2017	**17.8**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	9/1/2017	**10.8**	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
PZ-2	4/15/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	6/23/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	8/3/2015	<0.74	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	11/6/2015	<0.49	<0.47	<0.45	<0.54	<0.17	NA	NA	NA
	10/11/2016	<0.49	<0.47	<0.45	<0.54	<0.17	<1.6	<1.3	<0.43
	3/30/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA
	8/31/2017	<0.48	<0.45	<0.41	<0.35	<0.19	NA	NA	NA

Notes:

Samples analyzed using EPA SW-846 Method 8260

All concentrations reported in µg/L

Bolded and orange shaded values are above Public Health Enforcement Standards

Bolded and blue shaded values are above Public Health Preventive Action Limits

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

NA = Not Analyzed

[3] = Methyl Chloride detected at a concentration above the preventive action limit

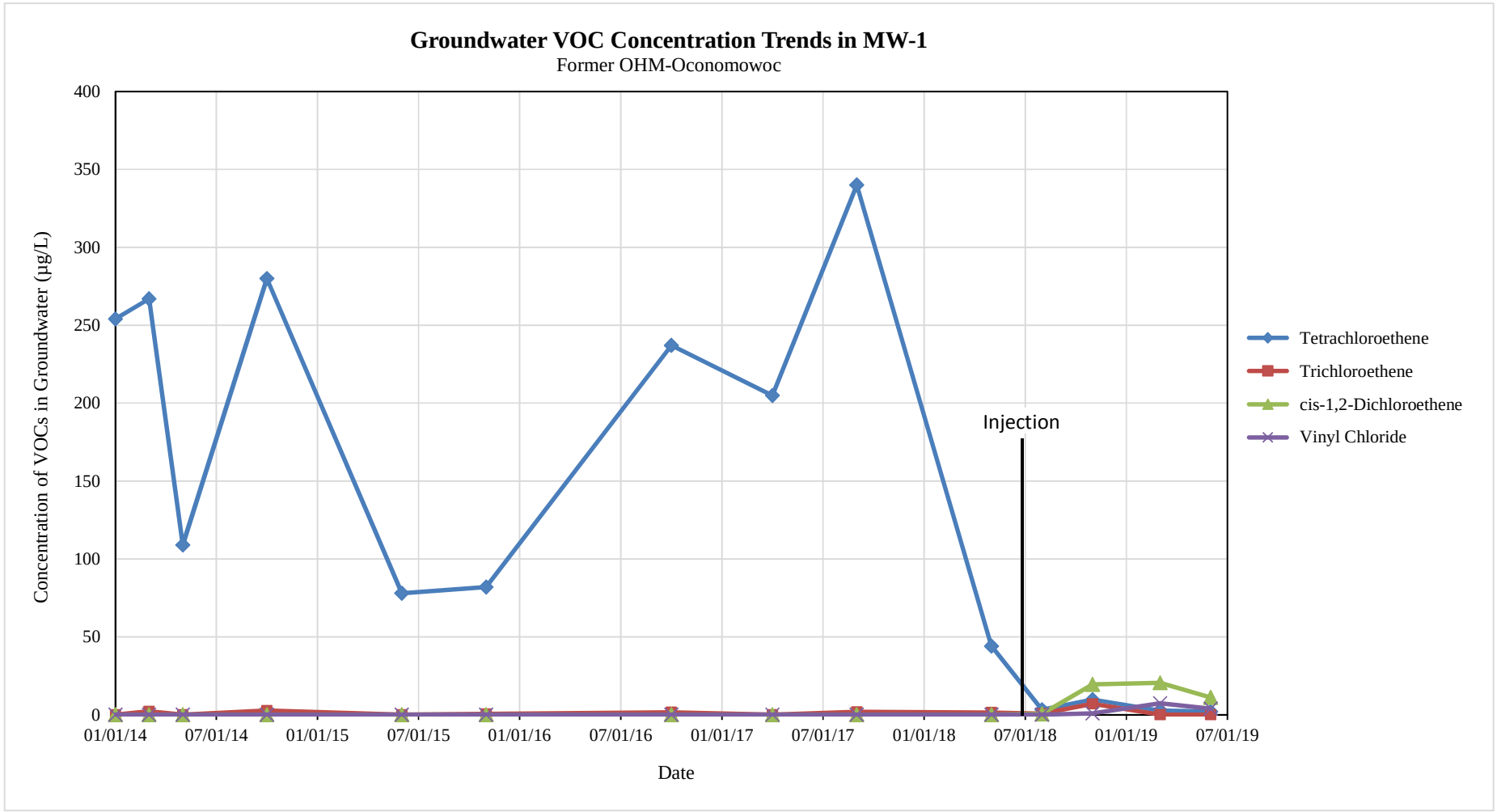

Groundwater VOC Concentration Trends in MW-1
Former OHM-Oconomowoc
Concentration of VOCs in Groundwater (µg/L)
400
350
300
250
200
150
100
50
0
01/01/14
07/01/14
01/01/15
07/01/15
01/01/16
07/01/16
01/01/17
07/01/17
01/01/18
07/01/18
01/01/19
07/01/19
Date
Injection
Tetrachloroethene
Trichloroethene
cis-1,2-Dichloroethene
Vinyl Chloride

TABLE 3
GROUNDWATER GEOCHEMICAL DATA SUMMARY
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well Identification	Sample Date	Injection Pre/Post	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Dissolved Gases			Inorganic/ Physical Parameters										Field-measured Parameters					
								Ethane	Ethene	Methane	Dissolved Iron	Total Iron	Dissolved Manganese	Sulfate	Chloride	Nitrite plus Nitrate	Nitrate	Nitrite	Total Organic Carbon (TOC)	Alkalinity	Temperature	pH	Specific Conductance	Oxidation-Reduction Potential	Turbidity	Dissolved Oxygen
Units			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C	S.U.	umSi/cm	mV	NTU	mg/L
MW-1	10/13/2016	Pre	**237**	**1.50**	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.02 J	--	2.03 J	84.1	1,610	3.00	--	--	3.27	373.2	14.92	7.36	--	224	8.9	5.93
	4/3/2017		**205**	<2.25	<2.05	<1.75	<0.95	--	--	--	4.57	--	--	97.7	--	2.71	--	--	--	--	11.89	7.10	5.68	260	0	4.69
	9/1/2017		**340**	**1.95**	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	15.99	7.38	9.97	108	203	6.22
	*5/18/2018		**44**	**1.38**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.51	8.03	4.56	62	--	5.08
	8/29/2018	Post	**3.2**	**0.59 J**	**0.50 J**	<0.34	<0.2	1.15 J	6.44	47.6	92.2	120	--	24.3	--	<0.36	--	--	--	--	16.67	5.48	20.2	-58	0	0.00
	11/28/2018		**9.7**	**7.0**	**19.5**	<0.34	**0.8**	<2.5	3.67	3,420	39.1	41.1	--	13.2	--	--	0.21 J	0.017 J	--	--	8.43	6.30	9.1	-109	413	0.00
	3/18/2019		**2.7**	**0.49 J**	**20.5**	<0.34	**7.3**	--	--	--	--	--	--	--	--	--	--	--	--	--	11.38	6.66	4.97	-107	263	0.00
	6/7/2019		**2.03**	**0.44 J**	**11.1**	<0.34	**3.9**	0.894 J	<0.5	7,460	0.04	0.78	--	17.3	--	--	<0.47	0.017 J	--	--	21.66	6.54	3.02	-78	214	3.83
MW-1d	10/11/2016	Pre	**0.57 J**	<0.47	<0.45	<0.54	<0.17	<0.5	<0.5	<1	1.33	--	183	38.1	524.4	0.76 J	--	--	1.02	375.5	21.19	7.40	--	-66	39.8	0.09
	3/31/2017		<0.48	<0.45	**0.85 J**	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	9.19	7.13	--	99	65.7	5.26
	9/1/2017		<0.48	<0.45	**<0.41**	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	14.86	7.32	0.96	-30	218	2.56
	5/18/2018		**0.66 J**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	13.54	7.64	0.851	-1	0	3.81
	11/28/2018	Post	<0.38	<0.3	**0.61 J**	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	10.88	7.47	1.17	-20	66.6	0.64
	6/6/2019		**0.51**	<0.3	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	16.46	7.33	1.27	-40	54.2	1.88
MW-2	10/13/2016	Pre	**1.25 J**	<0.47	<0.45	<0.54	<0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	15.69	7.28	--	213	78.4	2.74
	3/31/2017		<0.48	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	9.91	6.52	--	293	74.9	3.22
	9/1/2017		**1.82**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	18.63	7.13	9.03	8	230	4.52
	5/18/2018		**4.7**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.51	8.03	4.56	62	--	5..06
	8/29/2018	Post	<0.38	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.66	6.64	22.6	-120	43.5	0.00
	11/28/2018		<0.38	<0.3	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	11.75	7.40	12.6	-148	223	0.00
	3/18/2019		<0.38	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	11.54	7.14	10.8	-140	48.3	0.00
	6/6/2019		<0.38	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	19.98	7.08	11.0	-93	26.6	0.37
MW-3	10/13/2016	Pre	**63**	**0.68**	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.37	--	17.9	222	2,090	7.84 J	--	--	31.2	603	17.85	7.43	7.55	279	112	4.72
	3/30/2017		**67**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	11.38	7.57	--	279	79	5.09
	8/31/2017		**68**	<0.45	**0.43 J**	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	18.04	7.64	4.04	99	128	6.49
	5/18/2018		**99**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	14.96	7.90	5.34	232	--	8.21
	8/30/2018	Post	**43**	<0.3	**0.47 J**	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	17.50	7.32	14.6	12	450	5.07
	11/27/2018		**54**	**0.89 J**	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	12.04	7.89	3.77	-14	0	7.35
	3/18/2019		**44**	**0.72 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	10.75	7.85	3.28	38	675	7.14
	6/6/2019		**47**	**0.54 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	14.74	7.73	3.04	84	3.42	5.46
MW-4	10/13/2016	Pre	**17.2**	<0.47	<0.54	<0.45	<0.54	<0.5	<0.5	<1	0.16	--	4.38 J	38.4	731	3.33	--	--	1.56	411	14.67	7.63	--	223	43.6	7.72
	4/3/2017		**27.1**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	12.45	7.31	3.96	270	190	7.00
	9/1/2017		**31.4**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	16.27	7.77	3.02	84	300	6.54
	5/18/2018		**30.1**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	13.36	8.01	3.07	47	--	7.93
	8/29/2018	Post	**35**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.25	7.39	15.1	173	1.8	5.50
	11/27/2018		**52**	<0.3	<0.37	<0.38	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	11.81	7.92	4.87	20	172	6.99
	3/18/2019		**33**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	10.02	7.83	3.37	13	224	7.48
	6/6/2019		**11.3**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	12.70	7.60	3.2	17	48.6	8.18
MW-5	10/13/2016	Pre	**132**	**0.68**	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.03	--	<1.8	87.2	1,630	5.15	--	--	1.43	346	16.57	7.32	5.94	256	28.8	5.84
	4/3/2017		**67**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	12.20	6.97	5.38	258	158	5.39
	8/31/2017		**68**	<0.45	**0.43 J**	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	16.61	7.08	5.10	73	279	7.20
	5/18/2018		**99**	<0.3	<0.37	<0.34	<0.2	--	--	--	0.04 J	--	--	114	--	4.42	--	--	--	--	18.02	7.66	4.97	46	--	6.30
	8/29/2018	Post	**43**	<0.3	**0.47 J**	<0.34	<0.2	<0.5	<0.5	1.91	0.55	1.7	--	146 J	--	<0.36	--	--	--	--	16.67	6.96	17.3	35	168	0.00
	11/28/2018		**39**	**0.58 J**	**0.61 J**	<0.34	<0.2	<0.5	<0.5	42.3	4.5	6.45	--	134 J	--	--	0.19 J	<0.014	--	--	8.50	7.57	5.91	-123	52.3	0.00
	3/18/2019		**27.2**	**0.83 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	11.01	7.47	4.69	-60	26.4	0.02
	6/7/2019		**20.0**	**1.41**	<0.37	<0.34	<0.2	<0.5	<0.5	33.9	0.76	1.99	--	77.1 J	--	--	<0.47	0.067	--	--	20.76	7.48	4.34	-100	70.3	2.45

TABLE 3
GROUNDWATER GEOCHEMICAL DATA SUMMARY
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Monitoring Well Identification	Sample Date	Injection Pre/Post	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Dissolved Gases			Inorganic/ Physical Parameters										Field-measured Parameters					
								Ethane	Ethene	Methane	Dissolved Iron	Total Iron	Dissolved Manganese	Sulfate	Chloride	Nitrite plus Nitrate	Nitrate	Nitrite	Total Organic Carbon (TOC)	Alkalinity	Temperature	pH	Specific Conductance	Oxidation-Reduction Potential	Turbidity	Dissolved Oxygen
Units			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	^{0}C	S.U.	umSi/cm	mV	NTU	mg/L
MW-6	10/13/2016	Pre	**26.3**	<0.47	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.02 J	--	2.0 J	134	1,320	2.17 J	--	--	1.53	352.1	15.82	7.44	--	237	29.1	4.35
	4/3/2017		**29.8**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	12.06	7.14	4.47	280	989	4.40
	9/1/2017		**22.2**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	21.24	7.45	4.73	136	800	5.76
	5/18/2018		**55**	**0.62 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	14.64	7.80	4.90	212	--	6.27
	8/29/2018	Post	**27**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.00	7.33	18.9	184	877	6.90
	11/27/2018		**36**	<0.3	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	11.66	7.79	5.67	22	0	6.74
	3/18/2019		**27.2**	**0.83 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	9.18	7.60	5.10	-54	591	2.54
	6/6/2019		**29.5**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	17.64	7.55	5.57	106	860	2.49
MW-11	10/13/2016	Pre	**23.5**	<0.47	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.02	--	5.8	119	1,690	5.39 J	--	--	1.66	325	14.45	7.40	--	241	18.6	6.70
	4/3/2017		**23.8**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	11.73	7.09	6.1	150	59.3	4.58
	9/1/2017		**14.5**	**0.48 J**	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	20.47	7.41	4.87	28	435	4.75
	5/18/2018		**20.6**	**0.35 J**	**0.76 J**	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	18.21	7.66	5.66	31	--	5.05
	8/29/2018	Post	**26.9**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	17.80	7.13	17.0	170	65.2	3.09
	11/27/2018		<0.38	<0.3	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	11.28	7.26	2.8	60	92.1	8.23
	3/18/2019		**1.37**	<0.3	**0.46 J**	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	11.90	7.33	3.15	9	--	7.74
	6/6/2019		**4.1**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	17.46	7.61	7.19	-57	398.00	4.21
MW-14	10/11/2016	Pre	**29.9**	<0.47	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.06	--	2.5 J	73.2	1,180	12.1 J	--	--	1.2	343.4	15.50	7.35	--	158	28.1	5.31
	3/30/2017		**45**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	11.97	7.46	--	205	97	4.52
	8/31/2017		**26.6**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	15.02	7.17	3.53	55	552	8.22
	5/17/2018		**40**	**0.35 J**	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.70	7.59	3.42	210	--	6.58
	11/27/2018	Post	**44**	**0.34 J**	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	12.09	7.42	5.45	140	554	8.37
MW-16	10/11/2016	Pre	**11.1**	<0.47	<0.45	<0.54	<0.17	<0.5	<0.5	<1	0.52	--	39.9	63.4	952.5	8.74	--	--	0.895	371.5	14.75	7.29	--	269	90	5.08
	3/31/2017		**28.1**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	11.35	6.90	--	305	46.4	5.48
	8/31/2017		**5.8**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	17.73	7.41	2.88	149	742	5.98
	5/17/2018		**20.6**	<0.3	<0.37	<0.32	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	15.08	7.53	3.02	172	--	5.74
	11/27/2018	Post	**8.9**	<0.3	<0.37	<0.34	<0.2	--	--	--		--	--	--	--	--	--	--	--	--	9.47	7.45	3.26	132	268	6.59
MW-19	8/31/2017	Pre	**2.44**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	17.16	7.49	1.93	134	0	5.74
	11/27/2018	Post	**2.9**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	11.67	7.68	2.42	131	0	9.11
MW-20	8/31/2017	Pre	**2.32**	<0.45	<0.41	<0.35	<0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	18.91	7.58	2.31	136	--	1.10
	5/17/2018		**0.68 J**	<0.3	<0.37	<0.32	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	14.15	7.79	2.54	95	--	6.99
	11/27/2018	Post	**1.53**	<0.3	<0.37	<0.34	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	9.10	7.48	2.02	97	174	7.32

Notes:

Bolded values are above laboratory detection limits

Bolded and orange shaded values are above Public Health Enforcement Standards

Bolded and blue shaded values are above Public Health Preventive Action Limits

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

-- = Not Analyzed c or meter malfunction

µg/L = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

µS/cm = microSiemens

NTU = nephelometric turbidity unit

S.U. = standard unit

Table 4
SOIL ANALYTICAL RESULTS SUMMARY
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Soil Boring Identification	Sample Depth (feet BGS)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Direct Contact Industrial RCL*			**145,000**	**8,410**	**2,340,000**	**1,850,000**	**2,080**
Direct Contact Residential RCL*			**33,000**	**1,300**	**156,000**	**1,560,000**	**67.0**
Soil to Groundwater RCL*			**4.5**	**3.6**	**41.2**	**62.6**	**0.10**
HP-1	2-4	05/06/08	**660**	<27	<26	<26	<37
HP-2	2-4	05/06/08	**380**	<27	<26	<26	<37
	6-8	05/06/08	**2,700**	<27	<26	<26	<37
GP-1	2-4	05/06/08	**40**	<27	<26	<26	<37
	14-16	05/06/08	**69**	<27	<26	<26	<37
B-1	2-4	08/12/08	**3,080**	<25	<25	<25	<25
	9-11	08/12/08	**2,090**	<25	<25	<25	<25
B-2	6-7	08/12/08	**1,660**	<25	<25	<25	<25
B-3	2-4	08/12/08	<25	<25	<25	<25	<25
	10-11	08/12/08	<25	<25	<25	<25	<25
B-4	2-4	08/12/08	<25	<25	<25	<25	<25
	7-8	08/12/08	**78.2**	<25	<25	<25	<25
B-5	2-4	08/12/08	<25	<25	<25	<25	<25
	18-20	08/12/08	**46.1 J**	<25	<25	<25	<25
B-6	2-4	08/12/08	<25	<25	<25	<25	<25
	10-11.5	08/12/08	<25	<25	<25	<25	<25
B-7	2-4	08/12/08	<25	<25	<25	<25	<25
	6-7	08/12/08	<25	<25	<25	<25	<25
B-8	2-4	08/12/08	<25	<25	<25	<25	<25
	10-11	08/12/08	<25	<25	<25	<25	<25
MW-1	25-27	08/12/08	**158**	<25	<25	<25	<25
MW-1D	36-37	08/12/08	<25	<25	<25	<25	<25
B-10	0-2	01/04/11	<26	<26	<26	<26	<37
	4-6	01/04/11	<26	<26	<26	<26	<36
	22-24	01/04/11	**75**	<26	<26	<26	<36
B-13	5-7	05/16/13	<16	<18	<12	<24	<10
	20-22	05/16/13	<16	<17	<12	<23	<9.7
B-15	10-12	05/14/13	<12	<14	<9.0	<18	<7.6
	20-22	05/14/13	<14	<15	<10	<21	<8.6

Table 4
SOIL ANALYTICAL RESULTS SUMMARY
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Soil Boring Identification	Sample Depth (feet BGS)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
Direct Contact Industrial RCL*			**145,000**	**8,410**	**2,340,000**	**1,850,000**	**2,080**
Direct Contact Residential RCL*			**33,000**	**1,300**	**156,000**	**1,560,000**	**67.0**
Soil to Groundwater RCL*			**4.5**	**3.6**	**41.2**	**62.6**	**0.10**
B-24	0-2	03/28/18	<32	<41	<32	<28	<19
	8-10	03/28/18	**370**	<41	<32	<28	<19
	12-14	03/28/18	**272**	<41	<32	<28	<19
B-25	2-4	03/28/18	<32	<41	<32	<28	<19
	12-14	03/28/18	**39 J**	<41	<32	<28	<19
	20-22	03/28/18	**720**	<41	<32	<28	<19
B-26	2-4	03/28/18	**197**	<41	<32	<28	<19
	6-8	03/28/18	**950**	<41	<32	<28	<19
	12-14	03/28/18	**1,720**	<41	<32	<28	<19
	20-22	03/28/18	**430**	<41	<32	<28	<19
B-27	0-2	03/28/18	<32	<41	<32	<28	<19
	8-10	03/28/18	<32	<41	<32	<28	<19
	18-20	03/28/18	**470**	<41	<32	<28	<19
B-28	2-4	03/28/18	<32	<41	<32	<28	<19
	10-12	03/28/18	**790**	<41	<32	<28	<19
B-29	0-2	03/28/18	**159**	<41	<32	<28	<19
	8-10	03/28/18	**3,000**	<41	<32	<28	<19
	16-18	03/28/18	**3,800**	<41	<32	<28	<19
	20-22	03/28/18	**53 J**	<41	<32	<28	<19

Notes:

* = WDNR Residual Contaminant Level (RCL) based on United States Environmental Protection Agency Region 3, 6, and 9 Regional Screening Levels (November 2017) according to WDNR Publication RR-890.

All concentrations reported in units of micrograms per kilogram (µg/kg)

Bolded and blue shaded values are above WDNR Soil to Groundwater Residual Contaminant Level.

BGS = below ground surface

RCL = Residual Contaminant Level

TABLE 5
SOIL GAS ANALYTICAL RESULTS SUMMARY
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
6143-SG-1s	6/21/2013	**20,000**	<170	<130	<130	<82
	1/17/2018	**1,260**	<10.7	<198	<396	<12.8
6143-SG-1d	6/21/2013	**80,000**	<1000	<770	<770	<500
	1/17/2018	**2,440**	<10.7	<198	<396	<12.8
6143-SG-2s	6/21/2013	**3,600**	**120**	<37	<37	<24
6143-SG-2d	6/21/2013	**22,000**	<330	<250	<250	<160
	1/17/2018	**6,470**	<10.7	<198	<396	<12.8
6143-SG-3s	6/21/2013	**570**	**31**	<7.9	<7.9	<5.1
6143-SG-3d	6/21/2013	**15,000**	<170	<130	<130	<82
	1/17/2018	**1,610**	<10.7	<198	<396	<12.8
6143-SG-5 (MW-15)	9/15/2015	**661**	<10.7	<198	<396	<12.8
	2/25/2016	<3.19	<1.07	<3.96	<3.96	<0.64
6143-SG-4 (MW-17)	9/15/2015	**54.9**	<10.7	<198	<396	<12.8
	2/25/2016	<3.19	<1.07	<3.96	<3.96	<0.64
6143-MW-1	1/17/2018	**14,700**	**83.80**	<198	<396	<12.8
6143-MW-2	1/17/2018	**14.8**	<1.07	<19.8	<39.6	<1.28
Large Commercial Soil Gas Vapor Risk Screening Level [1]		**18,000**	**880**	**NE**	**NE**	**2,800**

Notes:

[1] The Vapor Risk Screeing Levels are based on U.S. E.P.A.'s Regional Screening Levels (RSL's) for large commercial indoor air with an attenuation factor of 0.01 for soil gas below large commercial buildings.

All concentrations reported in untis of micrograms per cubic meter (µg/m³)

Bolded and Orange Shaded values exceed the Large Commercial Vapor Risk Screening Level

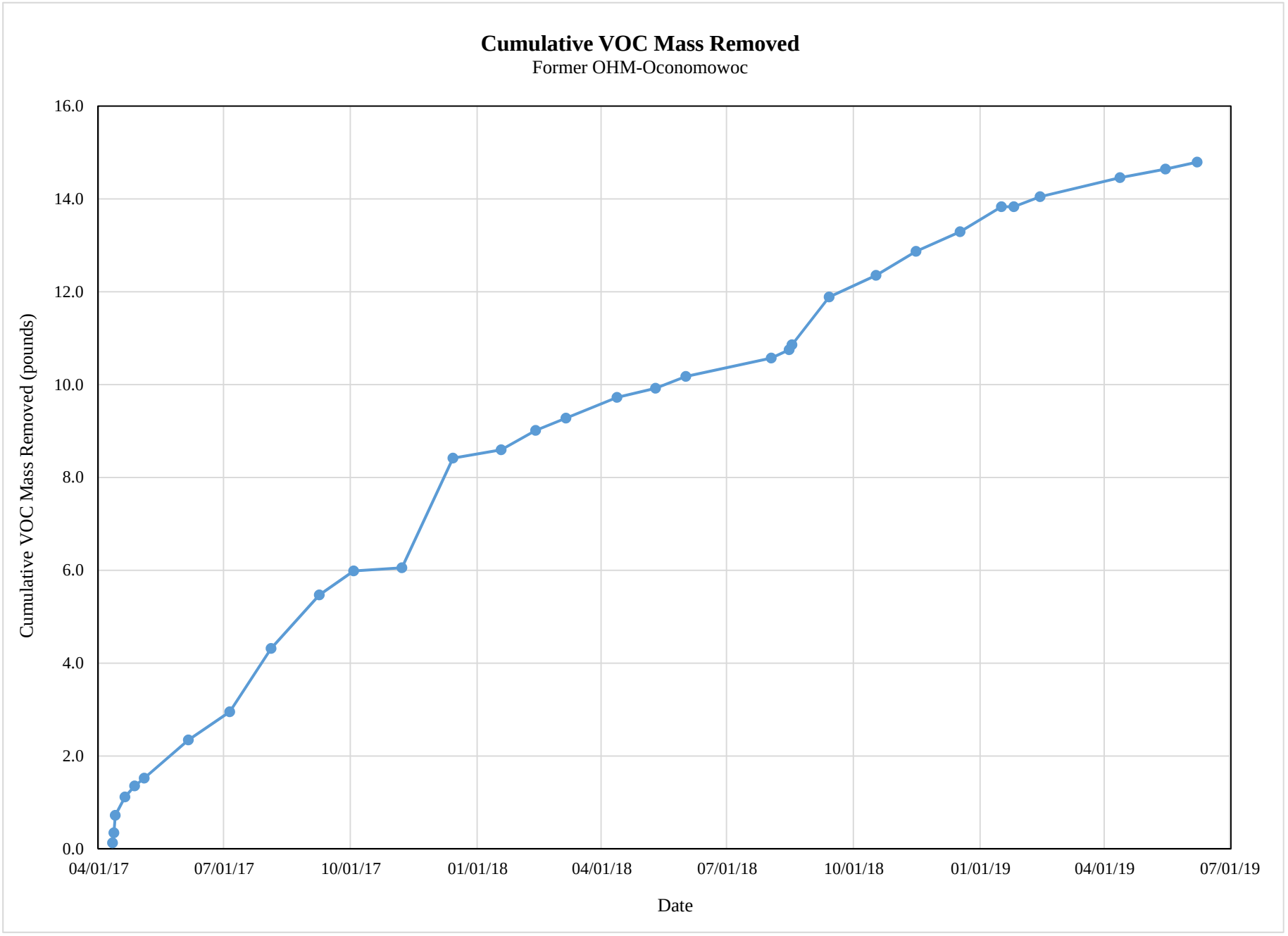
Bolded values are above detection limits

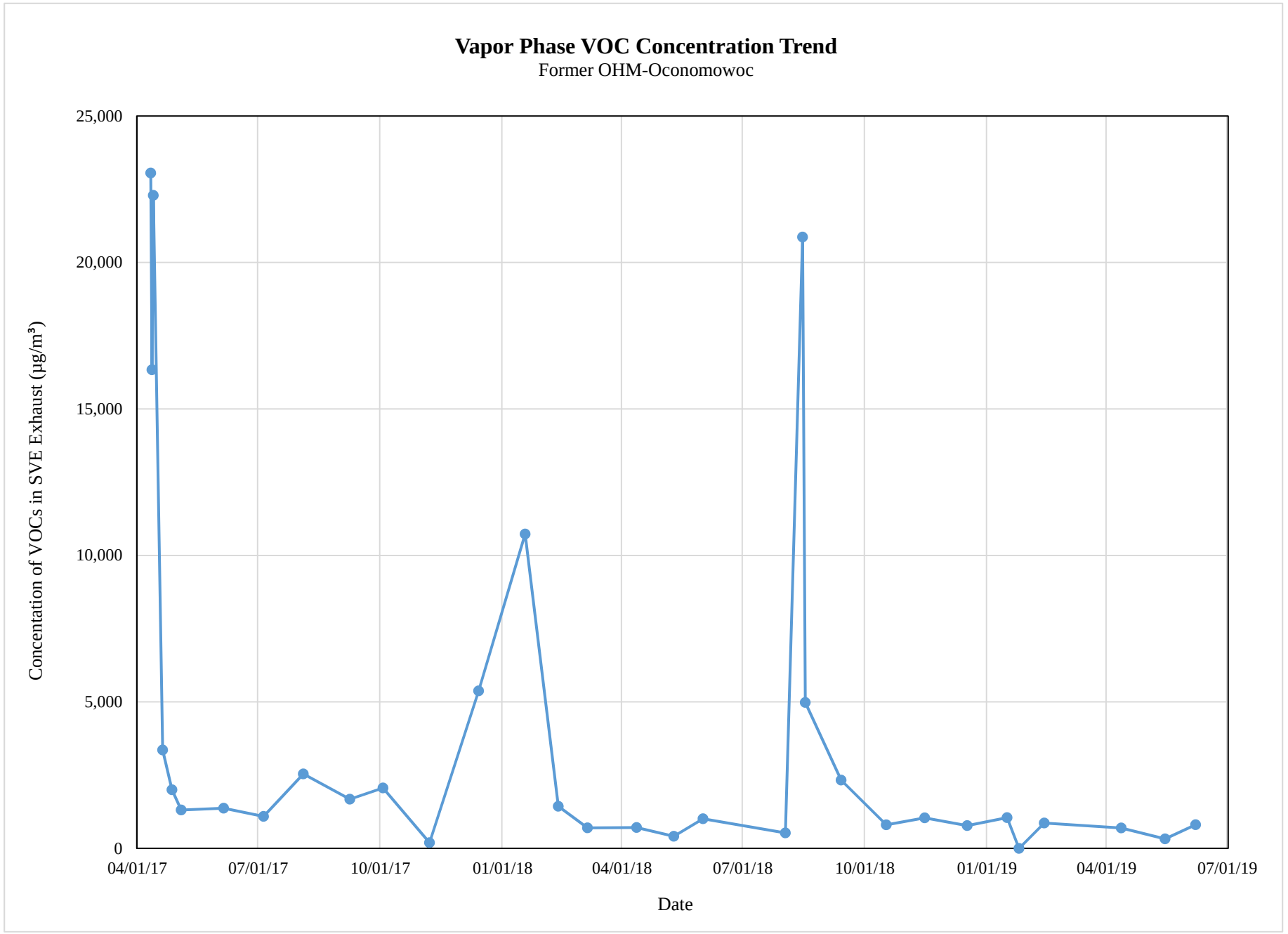
NE = Not Established

TABLE 6
SOIL VAPOR EXTRACTION SYSTEM OPERATIONAL DATA
Former OHM-Oconomowoc
36929 Plank Road, Oconomowoc, Wisconsin

Date	Time	Operating Wells	System Runtime	System Vacuum	Effluent Flow Rate	Effluent VOC Concentration	Inlet Temperature	Exhaust Temperature	Dilution
			Hours	inHg	cfm	µg/m^3	°F	°F	(%)
4/11/2017	1820	SVE-1s and 1d	4.4	-13.0	185	23,052	50	185	30
4/12/2017	1339	SVE-1s and 1d	23.0	-17.0	190	16,337	65	205	30
4/13/2017	1035	SVE-1s and 1d	45.8	-11.0	198	22,289	53	165	40
4/20/2017	1037	SVE-1s and 1d	210.6	-12.0	190	3,360	65	180	40
4/27/2017	1102	SVE-1s and 1d	378.7	-12.0	190	2,000	50	170	40
5/4/2017	0852	SVE-1s and 1d	540.5	-9.0	210	1,310	55	133	50
6/5/2017	1512	SVE-1s and 1d	1,314.3	-7.0	207	1,372	62	145	60
7/5/2017	1718	SVE-1s and 1d	2,036.5	-10.0	206	1,090	80	155	60
8/4/2017	0946	SVE-1s and 1d	2,724.4	-7.0	208	2,541	70	130	50
9/8/2017	1330	SVE-1s and 1d	3,566.1	-6.5	218	1,680	65	130	50
10/3/2017	1541	SVE-1s and 1d	3,918.7	-8.0	190	2,060	85	135	50
11/7/2017	1240	SVE-1s	4,493.8	-10.5	160	193	<50	175	30
12/14/2017	1115	SVE-1d	5,376.0	-11.5	133	5,375	<50	190	35
1/18/2018	1217	SVE-1d	5,409.2	-8.0	133	10,731	<50	165	30
2/12/2018	1332	SVE-1d	5,819.7	-9.0	190	1,436	70	163	50
3/6/2018	1535	SVE-1d	6,349.3	-9.5	190	699	75	180	50
4/12/2018	1340	SVE-1d	7,232.8	-11.0	190	712	75	180	50
5/10/2018	1147	SVE-1d	7,902.8	-9.0	190	411	65	170	50
6/1/2018	1201	SVE-1d	8,315.3	-11.0	162	1,012	75	180	50
7/6/2018	1015	SVE-1s and 1d	8,727.1	-10.0	190	--	75	120	40
8/2/2018	0900	SVE-1s and 1d	9,373.9	-10.0	190	526	80	180	45
8/15/2018	1752	SVE-2	9,386.0	-10.0	190	20,865	80	155	40
8/17/2018	1137	SVE-2	9,416.0	-10.0	190	4,980	80	175	40
9/13/2018	1334	SVE-2	10,036.7	-9.50	190	2,330	70	175	50
10/17/2018	1210	SVE-2	10,851.8	-9.70	190	803	50	142	50
11/15/2018	1255	SVE-2	11,549.0	-9.30	190	1,040	<50	140	55
12/17/2018	1030	SVE-2	12,314.0	-9.90	190	779	50	155	55
1/16/2019	1110	SVE-1s/1d and SVE-2	13,034.4	-10.00	190	1,050	50	155	35
1/25/2019	1525	SVE-1d and SVE-2	13,173.8	-9.50	204	NS	<50	135	30
2/13/2019	1456	SVE-2	13,464.7	-10.50	154	864	70	180	50
3/20/2019	1455	SVE-2	13,747.5	-10.50	190	NS	50	135	50
4/12/2019	1352	SVE-2	14,295.6	-10.50	190	697	50	160	55
5/15/2019	940	SVE-2	15,083.1	-10.06	190	326	85	195	55
6/7/2019	1124	SVE-2	15,636.0	-9.92	200	808.6	90	200	55

Notes:
-- = Reading not recorded
inHg = inches of mercury
cfm = cubic feet per minute
µg/m^3 = micrograms per cubic meter


Cumulative VOC Mass Removed
Former OHM-Oconomowoc
Cumulative VOC Mass Removed (pounds)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
04/01/17
07/01/17
10/01/17
01/01/18
04/01/18
07/01/18
10/01/18
01/01/19
04/01/19
07/01/19
Date


Vapor Phase VOC Concentration Trend
Former OHM-Oconomowoc
Concentation of VOCs in SVE Exhaust (µg/m³)
25,000
20,000
15,000
10,000
5,000
0
04/01/17
07/01/17
10/01/17
01/01/18
04/01/18
07/01/18
10/01/18
01/01/19
04/01/19
07/01/19
Date