

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: 01/01/2018 To: 06/30/2018 Days in period: 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 | <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 ¼ |
| Oconomowoc Lake | | 07 N | 17 | | 3 | NW | NW |

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

8. Contaminants

PCE

9. Soil types (USCS or USDA)

Silty Sand

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

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

If yes, give location: Region _____ County _____

| | | | | | | | |
|-------------------|---|----------|-------|---|---------|---|-----|
| Municipality name | <input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village | Township | Range | <input type="radio"/> E <input type="radio"/> W | Section | ¼ | ¼ ¼ |
| | | N | | | | | |

Site name: One Hour Martinizing - Oconomowoc

Reporting period from: 01/01/2018 To: 06/30/2018

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 11/14)

Page 2 of 28

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 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.

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): \$225,500.00

3. Total costs during the previous reporting period: \$22,190.00

4. Total costs during this reporting period: \$55,100.00

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:

Soil samples were collected from the area of influence to evaluate current residual concentrations.

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

Site name: One Hour Martinizing - Oconomowoc

Reporting period from: 01/01/2018 To: 06/30/2018

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report


Form 4400-194 (R 11/14)

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 |
| | 7/26/2018 |

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 |
| | 7/26/2018 |

Scientists:

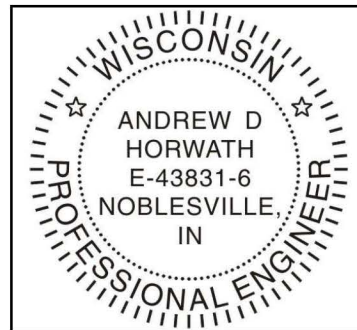
I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm.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

| | |
|------------|-------|
| Print name | Title |
| | |
| Signature | Date |
| | |

Other Persons:

| | |
|------------|-------|
| Print name | Title |
| | |
| Signature | Date |
| | |

Professional Seal(s), if applicable:



Site name: One Hour Martinizing - Oconomowoc

Reporting period from: 01/01/2018 To: 06/30/2018

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 11/14)

Page 9 of 28

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: 1

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
156.8

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
86.6 %

4. Average depth to groundwater: 27.99 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: 0.012 pounds per day

2. Average contaminant removal rate per well or venting point: 0.012 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 than maximizes aerobic biodegradation.

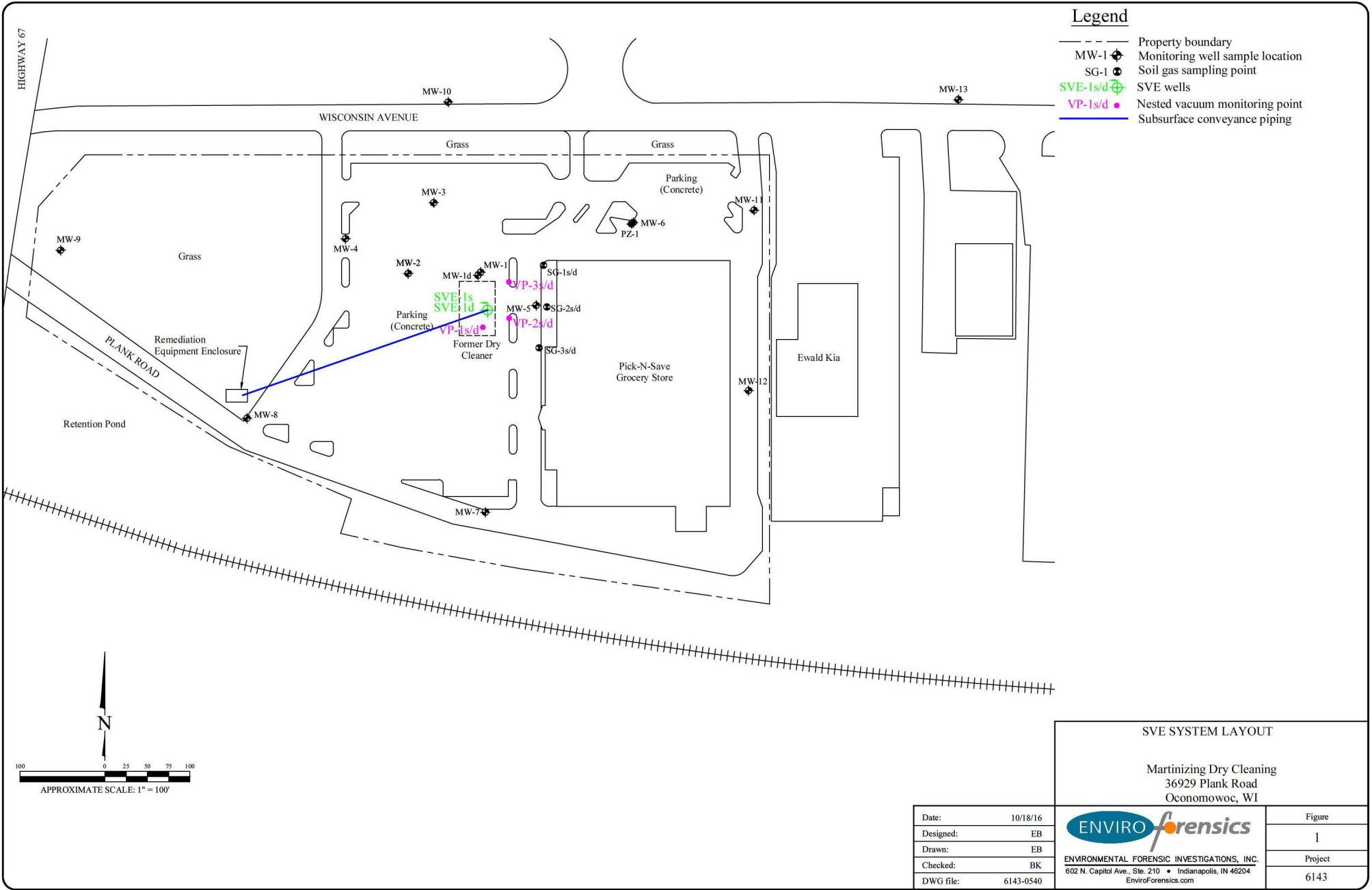
b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.

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

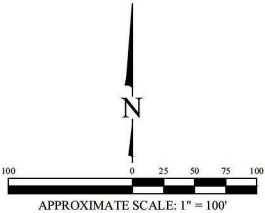
Attach the following to this form:

- 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.

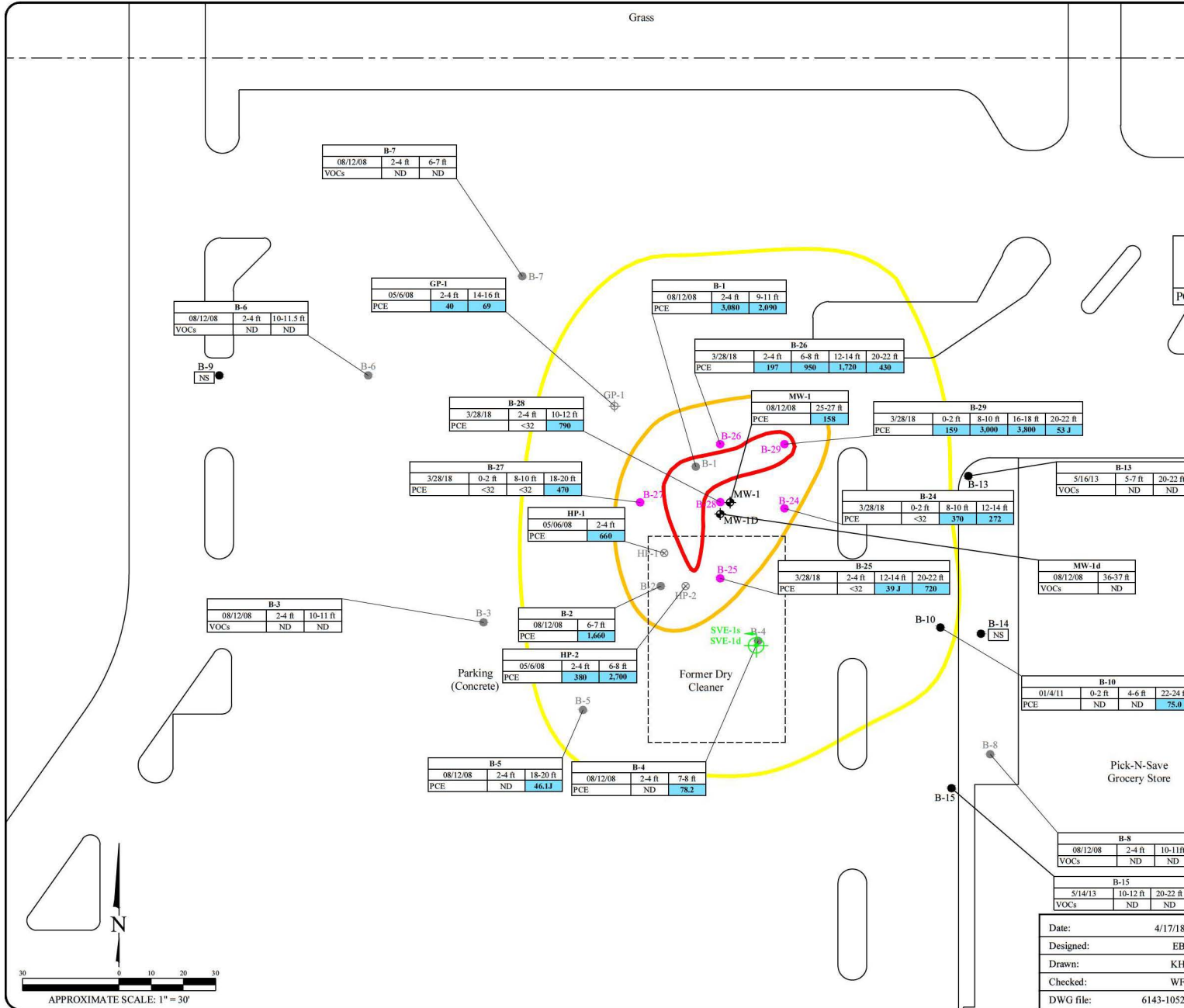


Legend

- 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 | Figure 1 |
| Designed: EB |  ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com |
| Drawn: EB | |
| Checked: BK | |
| DWG file: 6143-0540 | |
| Project 6143 | |

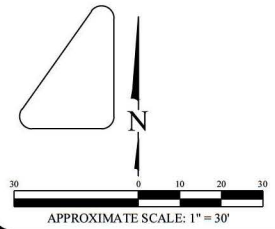


Legend

- 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
- Yellow line >30 ug/kg PCE concentration in soil
- Orange line >300 ug/kg PCE concentration in soil
- Red line >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:
- Bolded and blue shaded values are above WDNR generic Soil to Groundwater Residual Contaminant Levels
 - All concentrations reported in units micrograms per kilogram (ug/kg)
 - PCE = Tetrachloroethene
 - VOCs = Volatile Organic Compounds
 - ND = Not Detected
 - NS = Not Sampled



INTERIM SOIL ANALYTICAL RESULTS
MARCH 2018

Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

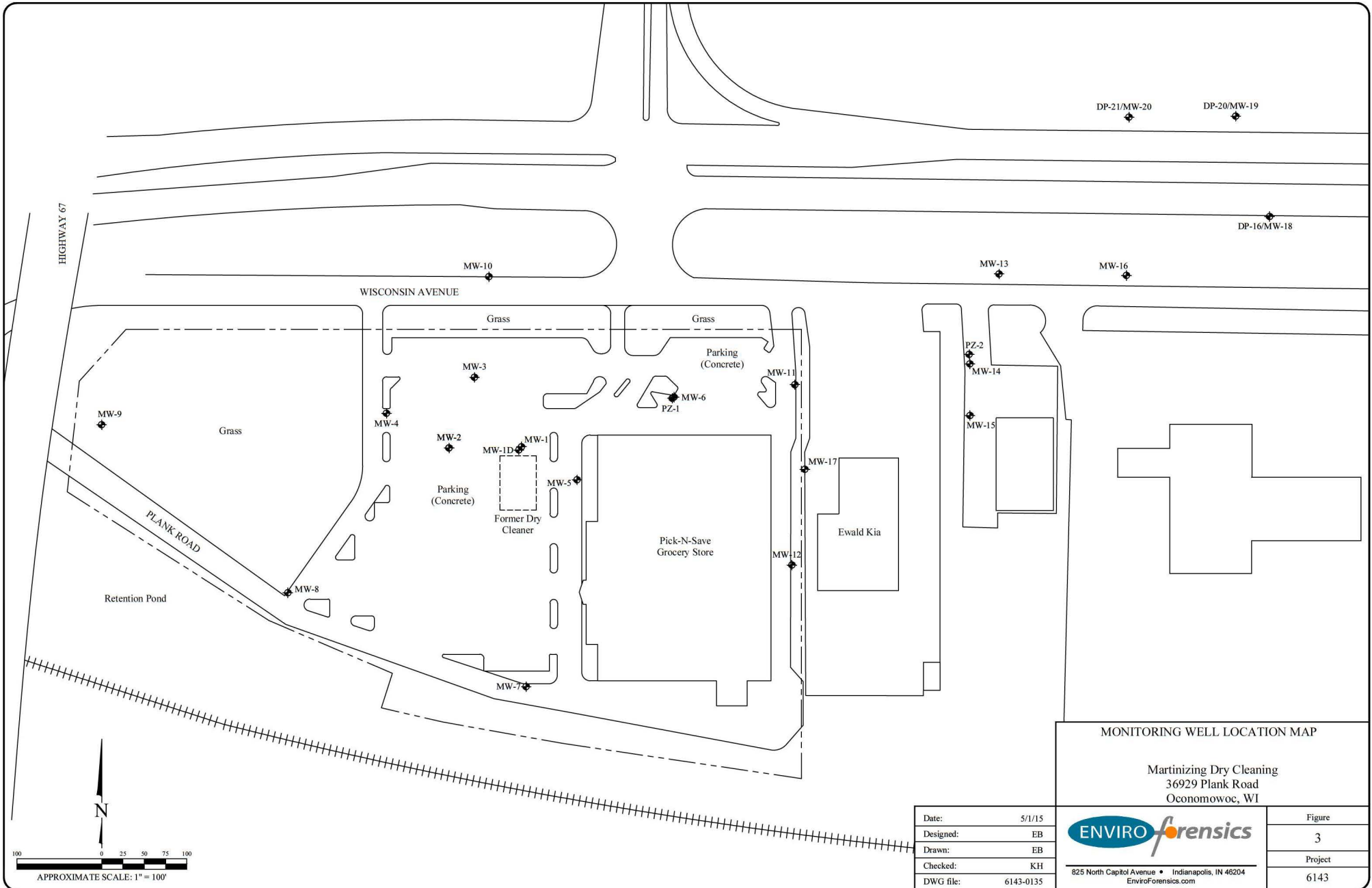
| B-8 | | |
|----------|--------|----------|
| 08/12/08 | 2-4 ft | 10-11 ft |
| VOCs | ND | ND |

| B-15 | | |
|---------|----------|----------|
| 5/14/13 | 10-12 ft | 20-22 ft |
| VOCs | ND | ND |

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

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

| | |
|---------|------|
| Figure | 2 |
| Project | 6143 |



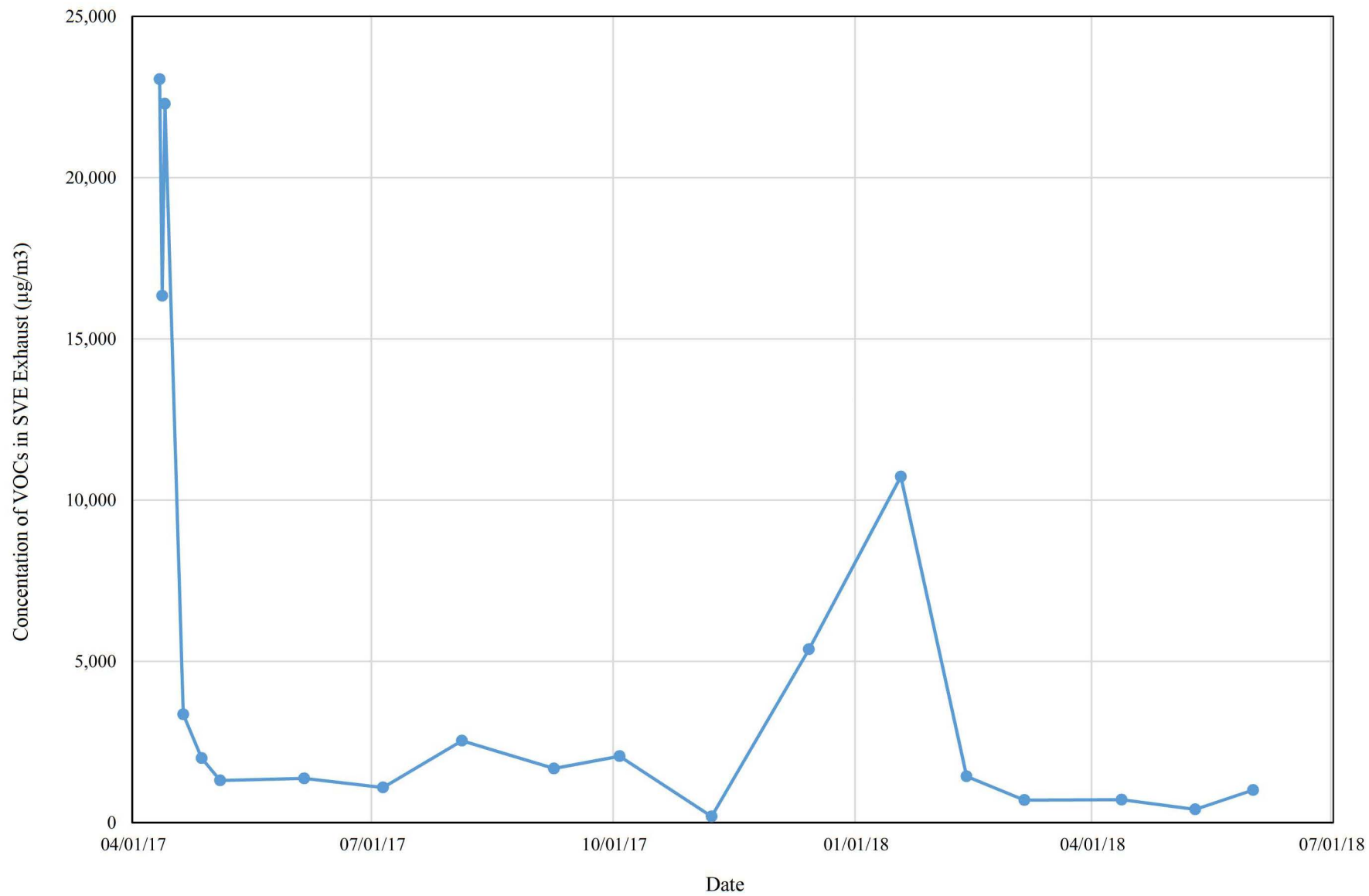
MONITORING WELL LOCATION MAP

Martinizing Dry Cleaning
36929 Plank Road
Oconomowoc, WI

| | |
|---------------------|---------------|
| Date: 5/1/15 | Figure: 3 |
| Designed: EB | Project: 6143 |
| Drawn: EB | |
| Checked: KH | |
| DWG file: 6143-0135 | |

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

Vapor Phase VOC Concentration Trend Former OHM-Oconomowoc



Cumulative VOC Mass Removed Former OHM-Oconomowoc

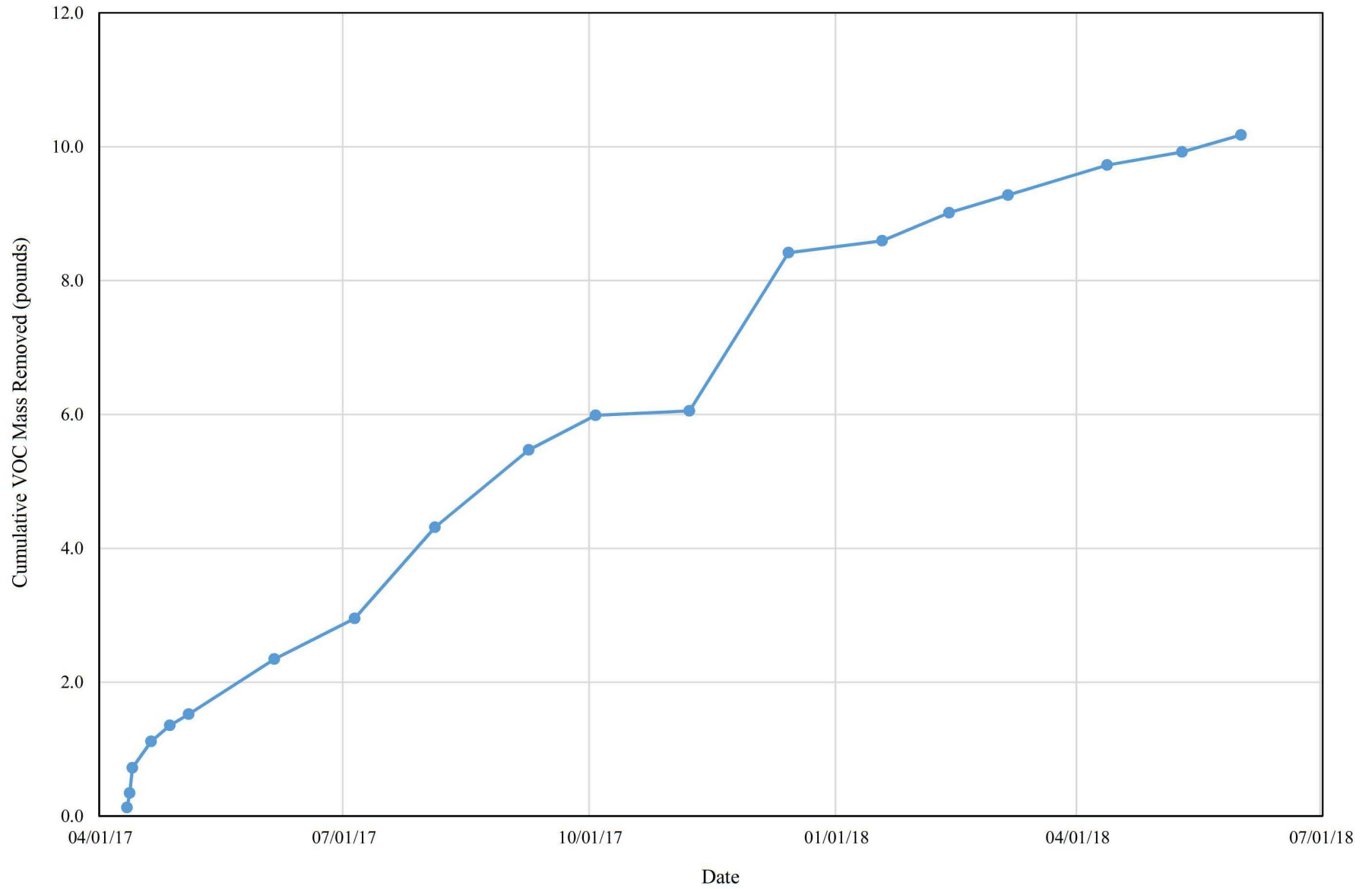


Table 2
Summary of Groundwater Elevation Data
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

| Well ID | Date | TOC Elevation (feet AMSL) | Depth to Water | Groundwater Elevation (feet AMSL) |
|---------|----------|------------------------------|-------------------|--------------------------------------|
| MW-1 | 11/04/15 | 892.88 | 29.28 | 863.60 |
| | 10/10/16 | 892.88 | 28.13 | 864.75 |
| | 03/28/17 | 892.88 | 28.34 | 864.54 |
| | 09/07/17 | 892.88 | 27.97 | 864.91 |
| | 05/17/18 | 892.88 | 28.35 | 864.53 |
| MW-1D | 11/04/15 | 892.58 | 45.80 | 846.78 |
| | 10/10/16 | 892.58 | 27.77 | 864.81 |
| | 03/28/17 | 892.58 | 27.97 | 864.61 |
| | 09/07/17 | 892.58 | 26.92 | 865.66 |
| | 05/17/18 | 892.58 | 28.09 | 864.49 |
| MW-2 | 11/04/15 | 891.27 | 27.42 | 863.85 |
| | 10/10/16 | 891.27 | 26.13 | 865.14 |
| | 03/28/17 | 891.27 | 26.37 | 864.90 |
| | 09/07/17 | 891.27 | 25.93 | 865.34 |
| | 05/17/18 | 891.27 | 26.41 | 864.86 |
| MW-3 | 11/04/15 | 892.88 | 29.06 | 863.82 |
| | 10/10/16 | 892.88 | 27.86 | 865.02 |
| | 03/28/17 | 892.88 | 28.06 | 864.82 |
| | 09/07/17 | 892.88 | 27.63 | 865.25 |
| | 05/17/18 | 892.88 | 28.11 | 864.77 |
| MW-4 | 11/04/15 | 891.72 | 27.71 | 864.01 |
| | 10/10/16 | 891.72 | 26.38 | 865.34 |
| | 03/28/17 | 891.72 | 26.64 | 865.08 |
| | 09/07/17 | 891.72 | 26.10 | 865.62 |
| | 05/17/18 | 891.72 | 26.22 | 865.50 |
| MW-5 | 11/04/15 | 893.69 | 30.23 | 863.46 |
| | 10/10/16 | 893.69 | 29.15 | 864.54 |
| | 03/28/17 | 893.69 | 29.33 | 864.36 |
| | 09/07/17 | 893.69 | 29.03 | 864.66 |
| | 05/17/18 | 893.69 | 29.35 | 864.34 |
| MW-6 | 11/04/15 | 893.57 | 30.30 | 863.27 |
| | 10/10/16 | 893.57 | 29.25 | 864.32 |
| | 03/28/17 | 893.57 | 29.42 | 864.15 |
| | 09/07/17 | 893.57 | 29.20 | 864.37 |
| | 05/17/18 | 893.57 | 29.40 | 864.17 |
| MW-7 | 11/04/15 | 891.51 | 27.55 | 863.96 |
| | 10/10/16 | 891.51 | 26.27 | 865.24 |
| | 03/28/17 | 891.51 | 26.55 | 864.96 |
| | 09/07/17 | 891.51 | 26.05 | 865.46 |
| MW-8 | 11/04/15 | 887.73 | 23.95 | 863.78 |
| | 10/10/16 | 887.73 | 22.80 | 864.93 |
| | 03/28/17 | 887.73 | 22.85 | 864.88 |
| | 09/07/17 | 887.73 | 22.26 | 865.47 |
| MW-9 | 11/04/15 | 889.32 | 25.90 | 863.42 |
| | 10/10/16 | 889.32 | 24.50 | 864.82 |
| | 03/28/17 | 889.32 | 24.72 | 864.60 |
| | 09/07/17 | 889.32 | 24.04 | 865.28 |

Table 2
Summary of Groundwater Elevation Data
Former One Hour Martinizing Cleaners
Oconomowoc, Wisconsin

| Well ID | Date | TOC Elevation (feet AMSL) | Depth to Water | Groundwater Elevation (feet AMSL) |
|---------|----------|------------------------------|-------------------|--------------------------------------|
| MW-10 | 11/04/15 | 895.61 | 31.69 | 863.92 |
| | 10/10/16 | 895.61 | 30.50 | 865.11 |
| | 03/28/17 | 895.61 | 30.65 | 864.96 |
| | 09/07/17 | 895.61 | 30.29 | 865.32 |
| MW-11 | 11/04/15 | 893.44 | 30.38 | 863.06 |
| | 10/10/16 | 893.44 | 29.47 | 863.97 |
| | 03/28/17 | 893.44 | 29.55 | 863.89 |
| | 09/07/17 | 893.44 | 29.46 | 863.98 |
| | 05/17/18 | 893.44 | 29.42 | 864.02 |
| MW-12 | 11/04/15 | 893.05 | 29.86 | 863.19 |
| | 10/10/16 | 893.05 | 28.90 | 864.15 |
| | 03/28/17 | 893.05 | 29.04 | 864.01 |
| | 09/07/17 | 893.05 | 28.92 | 864.13 |
| MW-13 | 11/04/15 | 892.12 | 29.71 | 862.41 |
| | 10/10/16 | 892.12 | 29.13 | 862.99 |
| | 03/28/17 | 892.12 | 28.92 | 863.20 |
| | 09/07/17 | 892.12 | 29.78 | 862.34 |
| MW-14 | 11/04/15 | 894.00 | 31.30 | 862.70 |
| | 10/10/16 | 894.00 | 30.58 | 863.42 |
| | 03/28/17 | 894.00 | 30.51 | 863.49 |
| | 09/07/17 | 894.00 | 30.78 | 863.22 |
| | 05/17/18 | 894.00 | 30.29 | 863.71 |
| MW-15 | 11/04/15 | 893.89 | 31.12 | 862.77 |
| | 10/10/16 | 893.89 | 30.35 | 863.54 |
| | 03/28/17 | 893.89 | 30.32 | 863.57 |
| | 09/07/17 | 893.89 | 30.36 | 863.53 |
| MW-16 | 11/04/15 | 890.67 | 28.52 | 862.15 |
| | 10/10/16 | 890.67 | 28.03 | 862.64 |
| | 03/28/17 | 890.67 | 27.72 | 862.95 |
| | 09/07/17 | 890.67 | 27.92 | 862.75 |
| | 05/11/18 | 890.67 | 27.33 | 863.34 |
| MW-17 | 11/04/15 | 895.63 | 32.50 | 863.13 |
| | 10/10/16 | 895.63 | 31.65 | 863.98 |
| | 03/28/17 | 895.63 | 31.71 | 863.92 |
| | 09/07/17 | 895.63 | 31.59 | 864.04 |
| MW-18 | 09/07/17 | 882.37 | 19.66 | 862.71 |
| MW-19 | 09/07/17 | 883.02 | 20.40 | 862.62 |
| | 05/17/18 | 883.02 | 19.82 | 863.20 |
| MW-20 | 09/07/17 | 886.11 | 23.81 | 862.30 |
| | 05/17/18 | 886.11 | 23.00 | 863.11 |
| PZ-1 | 11/04/15 | 893.57 | 32.14 | 861.43 |
| | 10/10/16 | 893.57 | 29.07 | 864.50 |
| | 03/28/17 | 893.57 | 29.23 | 864.34 |
| | 09/07/17 | 893.57 | 28.33 | 865.24 |

Table 2
Summary of Groundwater Elevation Data
 Former One Hour Martinizing Cleaners
 Oconomowoc, Wisconsin

| Well ID | Date | TOC Elevation (feet AMSL) | Depth to Water | Groundwater Elevation (feet AMSL) |
|---------|----------|------------------------------|-------------------|--------------------------------------|
| PZ-2 | 11/04/15 | 894.01 | 30.78 | 863.23 |
| | 10/10/16 | 894.01 | 29.80 | 864.21 |
| | 03/28/17 | 894.01 | 29.94 | 864.07 |
| | 09/07/17 | 894.01 | 29.93 | 864.08 |

Notes:

All measurements recorded in feet
 TOC = Top of Casing
 MSL = Mean Seal Level
 NA = not available

Table 3
Summary of Soil Analytical Results
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 3
Summary of Soil Analytical Results
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 VAPOR EXTRACTION SYSTEM OPERATIONAL DATA

Former OHM-Oconomowoc
 36929 Plank Road, Oconomowoc, Wisconsin

| Date | Time | Operating Zone | System Runtime | System Vacuum | Effluent Flow Rate | Effluent VOC Concentration | Inlet Temperature | Exhaust Temperature | Dilution |
|------------|------|----------------|----------------|---------------|--------------------|----------------------------|--------------------|---------------------|----------|
| | | | Hours | inHg | cfm | $\mu\text{g}/\text{m}^3$ | $^{\circ}\text{F}$ | $^{\circ}\text{F}$ | (%) |
| 4/11/2017 | 1820 | shallow + deep | 4.4 | -13.0 | 185 | 23,052 | 50 | 185 | 30 |
| 4/12/2017 | 1339 | shallow + deep | 23.0 | -17.0 | 190 | 16,337 | 65 | 205 | 30 |
| 4/13/2017 | 1035 | shallow + deep | 45.8 | -11.0 | 198 | 22,289 | 53 | 165 | 40 |
| 4/20/2017 | 1037 | shallow + deep | 210.6 | -12.0 | 190 | 3,360 | 65 | 180 | 40 |
| 4/27/2017 | 1102 | shallow + deep | 378.7 | -12.0 | 190 | 2,000 | 50 | 170 | 40 |
| 5/4/2017 | 852 | shallow + deep | 540.5 | -9.0 | 210 | 1,310 | 55 | 133 | 50 |
| 6/5/2017 | 1512 | shallow + deep | 1,314.3 | -7.0 | 207 | 1,372 | 62 | 145 | 60 |
| 7/5/2017 | 1718 | shallow + deep | 2,036.5 | -10.0 | 206 | 1,090 | 80 | 155 | 60 |
| 8/4/2017 | 946 | shallow + deep | 2,724.4 | -7.0 | 208 | 2,541 | 70 | 130 | 50 |
| 9/8/2017 | 1330 | shallow + deep | 3,566.1 | -6.5 | 218 | 1,680 | 65 | 130 | 50 |
| 10/3/2017 | 1541 | shallow + deep | 3,918.7 | -8.0 | 190 | 2,060 | 85 | 135 | 50 |
| 11/7/2017 | 1240 | shallow | 4,493.8 | -10.5 | 160 | 193 | <50 | 175 | 30 |
| 12/14/2017 | 1115 | deep | 5,376.0 | -11.5 | 133 | 5,375 | <50 | 190 | 35 |
| 1/18/2018 | 1217 | deep | 5,409.2 | -8.0 | 133 | 10,731 | <50 | 165 | 30 |
| 2/12/2018 | 1332 | deep | 5,819.7 | -9.0 | 190 | 1,436 | 70 | 163 | 50 |
| 3/6/2018 | 1535 | deep | 6,349.3 | -9.5 | 190 | 699 | 75 | 180 | 50 |
| 4/12/2018 | 1340 | deep | 7,232.8 | -11.0 | 190 | 712 | 75 | 180 | 50 |
| 5/10/2018 | 1147 | deep | 7,902.8 | -9.0 | 190 | 411 | 65 | 170 | 50 |
| 6/1/2018 | 1201 | deep | 8,315.3 | -11.0 | 162 | 1,012 | 75 | 180 | 50 |

Notes:

-- = Reading not recorded

inHg = inches of mercury

cfm = cubic feet per minute

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter