

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

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

**Notes:**

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

**Section GI - General Site Information**

**A. General Information**

1. Site name

Former Day One Formal Wear

2. Reporting period from: 07/01/2019 To: 12/31/2019 Days in period: 184

3. Regulatory agency (enter DNR, DATCP and/or other) 4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)  
 DNR 02-13-564044

**5. Site location**

Region	County	Address				
Central Office	Dane	3939 Lien Rd				
Municipality name <input 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
Madison	08 N	10	<input type="radio"/> W <input type="radio"/> E	33	NE	NW

**6. Responsible party**

Name  
 MARC, Inc.  
 Mailing address  
 901 Post Road, Madison, WI 53713  
 Phone number  
 (608) 223-9100

**7. Consultant**

Select if the following information has changed since the last submittal

Company name  
 EnviroForensics, LLC  
 Mailing address  
 N16W23390 Stone Ridge Drive, Suite G  
 Waukesha, WI 53188  
 Phone number  
 (262) 290-4001

**8. Contaminants**

Volatile Organic Compounds

**9. Soil types (USCS or USDA)**

SP, CL

**10. Hydraulic conductivity(cm/sec):**

N/A

**11. Average linear velocity of groundwater (ft/yr)**

N/A

Site name: Former Day One Formal Wear  
 Reporting period from: 07/01/2019 To: 12/31/2019  
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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					

**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:

Site name: Former Day One Formal Wear  
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**D. Economic and Cost Data to Date**

- 1. Total investigation cost: \$118,229.74
- 2. Implementation costs (design, capital and installation costs, excluding investigation costs): \$78,338.43
- 3. Total costs during the previous reporting period: \$3,573.00
- 4. Total costs during this reporting period: \$2,675.76
- 5. Total anticipated costs for the next reporting period: \$3,500.00
- 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:


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

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

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

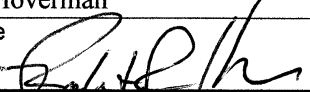
**Registered Professional Engineers:**

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

Print name	Title
Robert Fedorchak	Senior Engineer
Signature 	Date 01/30/2020

**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
Robert Hoverman	Wisconsin Regional Director
Signature 	Date 1/30/2020

**Scientists:**

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

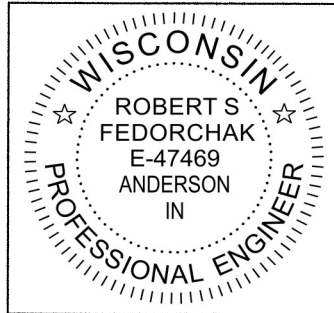
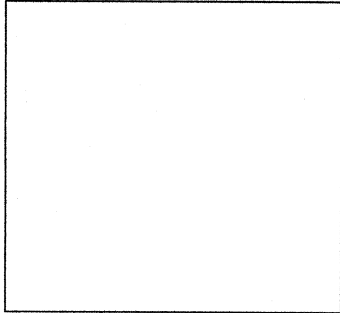
Print name	Title
Signature	Date

**Other Persons:**

Print name	Title
Signature	Date

Site name: Former Day One Formal Wear  
Reporting period from: 07/01/2019 To: 12/31/2019  
Days in period: 184

**Professional Seal(s), if applicable:**



Site name: Former Day One Formal Wear  
Reporting period from: 07/01/2019 To: 12/31/2019  
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**Section IS-1, Soil Venting (Including Soil Vapor Extraction, Building Venting and Bioventing)**

**A. Soil Venting Operation**

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

1. Number of air extraction wells available and number of wells actually in use during the period: 2
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):  
26 days.
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:  
System designed for operation once per week, therefore utilization is 100%

4. Average depth to groundwater: 15 gpm

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

1. Number of venting points available and number of points actually in use during the period: 0
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):  
0
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:  
Unused








**C. Effectiveness Evaluation**

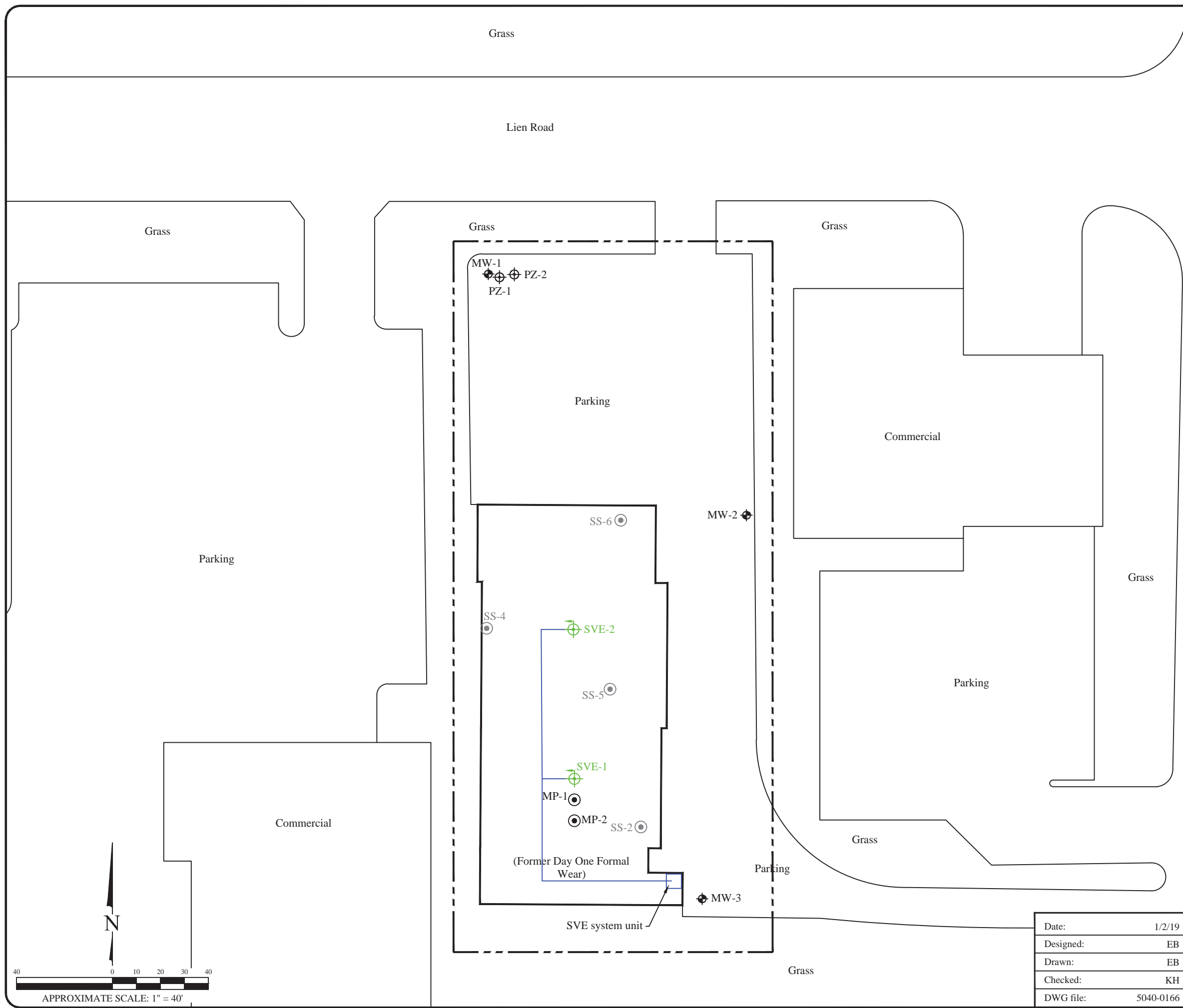
1. Average contaminant removal rate for the entire system: 0.002 pounds per day
2. Average contaminant removal rate per well or venting point: 0.001 pounds per day
3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate 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

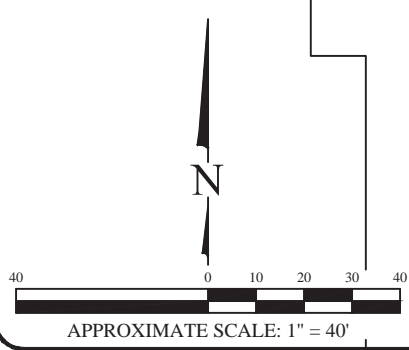
-  Property boundary
-  MW-1 Monitoring well
-  PZ-1 Piezometer well
-  SS-1 Sub-slab sample (By Others)
-  MP-1 Monitoring Point (EnviroForensics)
-  SVE-1 Soil vapor extraction well
-  SVE conveyance piping



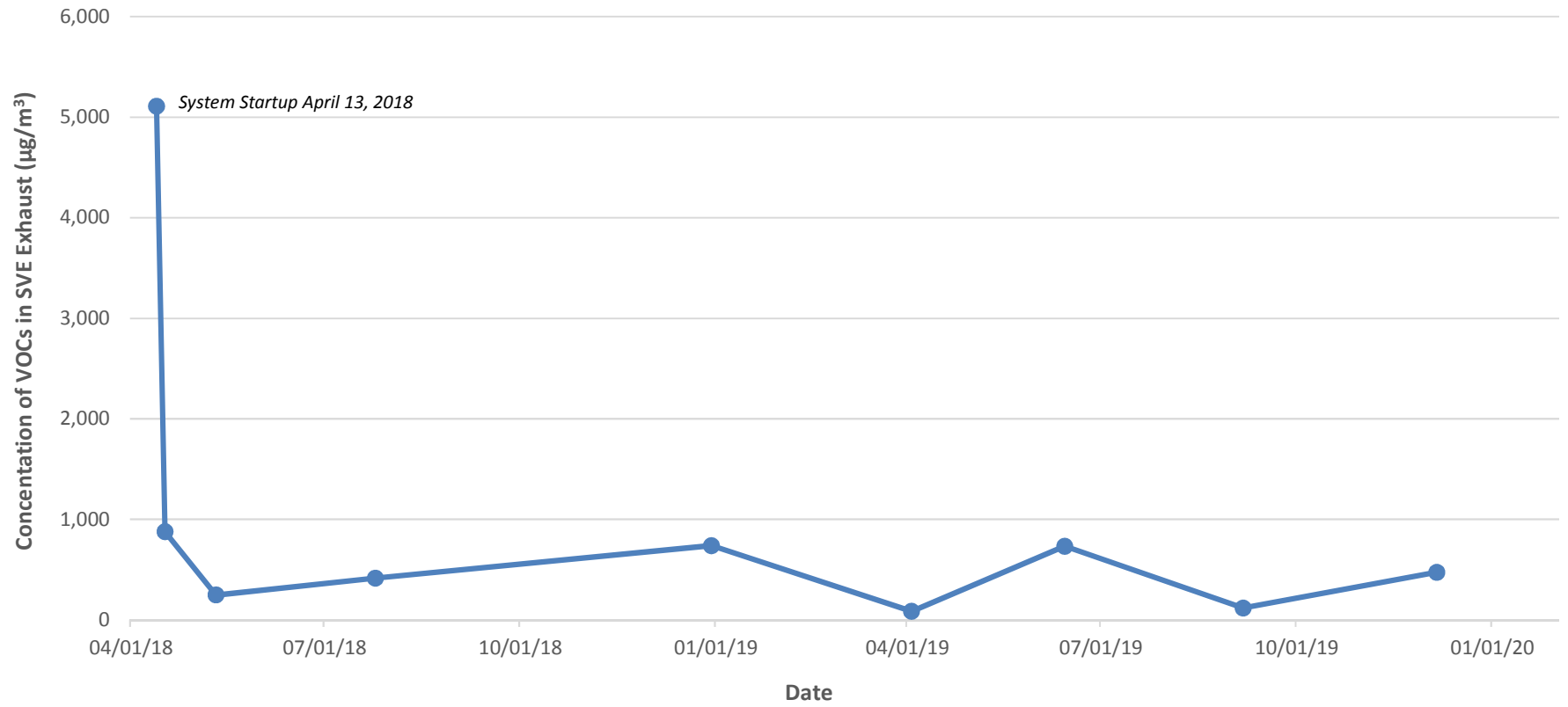
<b>SITE MAP</b>	
MARC East Property 3939 Lien Road Madison, Wisconsin	
Date: 1/2/19	Figure
Designed: EB	1
Drawn: EB	Project
Checked: KH	5040
DWG file: 5040-0166	



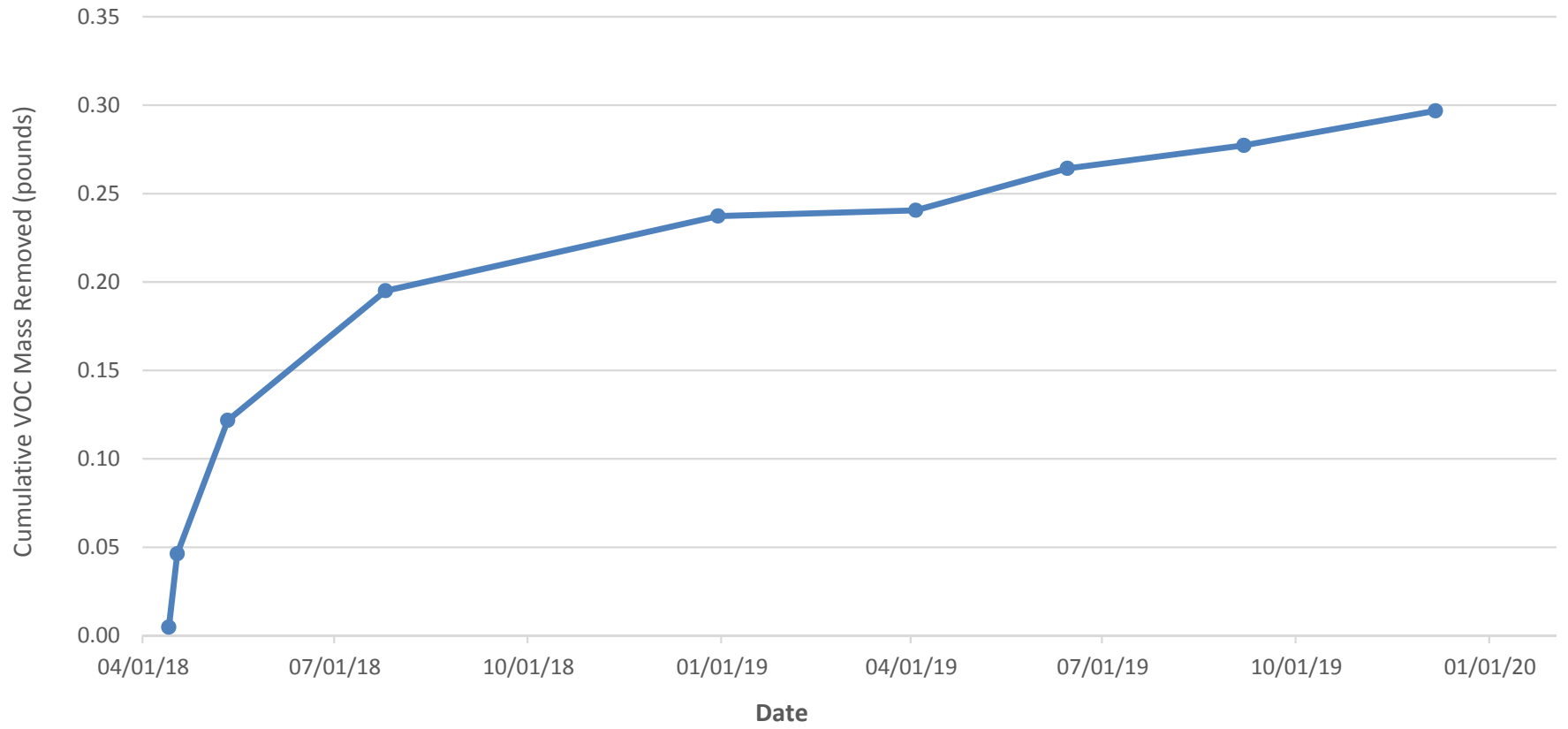
825 North Capitol Avenue • Indianapolis, IN 46204  
EnviroForensics.com



**Chart 1**  
**SVE Effluent VOC Concentration**  
MARC Inc. - Madison, Wisconsin



**Chart 2**  
**Cumulative VOC Mass Removed**  
Marc Inc. - Madison, Wisconsin





**Table 1**  
**Groundwater Elevation Summary**  
MARC East (Former Day One Formal Wear)  
Madison, Wisconsin

Well ID	Consultant	Date	Top Screen Elevation (feet AMSL)	Bottom Screen Elevation (feet AMSL)	TOC Elevation (feet AMSL)	DTW (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	Seymour	11/10/2015	858.5	843.5	873.15	21.26	851.89
	Seymour	2/22/2016	858.5	843.5	873.15	20.03	853.12
	Seymour	5/31/2016	858.5	843.5	873.15	20.00	853.15
	EnviroForensics	12/10/2018	858.5	843.5	873.15	18.33	854.82
MW-2	Seymour	11/10/2015	858.0	843.0	870.92	18.27	852.65
	Seymour	2/22/2016	858.0	843.0	870.92	17.25	853.67
	Seymour	5/31/2016	858.0	843.0	870.92	16.79	854.13
	EnviroForensics	12/10/2018	858.0	843.0	870.92	15.47	855.45
MW-3	Seymour	11/10/2015	858.3	843.3	868.32	14.81	853.51
	Seymour	2/22/2016	858.3	843.3	868.32	13.98	854.34
	Seymour	5/31/2016	858.3	843.3	868.32	13.03	855.29
	EnviroForensics	12/10/2018	858.3	843.3	868.32	11.89	856.43
PZ-1	Seymour	5/31/2016	813.3	808.3	873.06	19.75	853.31
	Seymour	7/30/2016	813.3	808.3	873.06	20.25	852.81
	EnviroForensics	12/10/2018	813.3	808.3	873.06	18.11	854.95
PZ-2	Seymour	7/30/2016	772.8	767.8	872.82	19.98	852.84
	EnviroForensics	12/10/2018	772.8	767.8	872.82	17.62	855.20

**Notes:**

AMSL = Above Mean Sea Level

TOC = Top of Casing

**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM OPERATIONAL DATA**  
MARC East (Former Day One Formal Wear)  
Madison, Wisconsin

Period		Time	System Runtime		System Vacuum	Dilution	Flow Rate	Intake Temperature	Exhaust Temperature	Effluent VOC Concentration	Total VOCs Removed During Period	Cumulative VOCs Removed
			Panel Display		Air-Water Separator	Intake			Exhaust Pipe	Exhaust Port		
From	To		Hours		in H <sub>2</sub> O	%	SCFM	°F	°F	µg/m <sup>3</sup>	Pounds	Pounds
4/13/2018	04/13/18	11:03	0.0	1.8	-30	0	141	62	101	5,108	0.005	0.005
4/13/2018	04/17/18	11:00	1.8	92.0	-29	0	140	63	103	877	0.041	0.046
4/17/2018	05/11/18	13:45	92.0	672.0	-33	0	140	63	106	248	0.075	0.122
5/11/2018	07/25/18	13:33	672.0	1008.8	-34	0	140	75	118	415	0.073	0.195
7/25/2018	12/30/18	09:20	1008.8	1117.7	-33	0	140	59	101	739	0.042	0.237
12/30/2018	04/03/19	10:10	1117.7	1190.3	-36	0	140	66	105	86	0.003	0.241
4/3/2019	06/14/19	9:21	1190.3	1252.0	-36	0	140	67	108	733	0.024	0.264
6/14/2019	09/06/19	11:55	1252.0	1444.6	-36	0	146	72	80	118	0.013	0.277
9/6/2019	12/06/19	10:20	1444.6	1519.7	-23	0	147	64	80	473	0.020	0.297

**Notes:**

in Hg = inches of mercury

in H<sub>2</sub>O = inches of water

cfm = cubic feet per minute

µg/m<sup>3</sup> = micrograms per cubic meter