

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

Harborview Cleaners

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 02-46-548092

5. Site location

Region	County	Address				
Southeast Region	Ozaukee	134 E Grand Avenue				
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 ¼	
Port Washington	11 N	22	28	SE	NW	

6. Responsible party

Name
 Harborview Cleaners
 Mailing address
 134 E Grand Avenue, Port Washington, WI 53074
 Phone number
 (262) 284-2370

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 (Tetrachloroethene)

9. Soil types (USCS or USDA)

CL, ML, SM

10. Hydraulic conductivity(cm/sec):

3.3 x 10⁻⁴

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

19

Site name: Harborview Cleaners
 Reporting period from: 07/01/2019 To: 12/31/2019
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 Monitoring & Optimization Report**
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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: Harborview Cleaners
Reporting period from: 07/01/2019 To: 12/31/2019
Days in period: 184

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D. Economic and Cost Data to Date

1. Total investigation cost: \$183,400.00
2. Implementation costs (design, capital and installation costs, excluding investigation costs): \$145,900.00
3. Total costs during the previous reporting period: \$22,000.00
4. Total costs during this reporting period: \$17,000.00
5. Total anticipated costs for the next reporting period: \$22,000.00
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:


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.

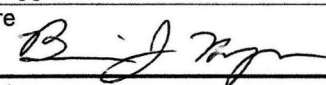
Registered Professional Engineers:

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 01/20/2020

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
Brian Kappen	Project Manager
Signature 	Date 1/21/2020

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

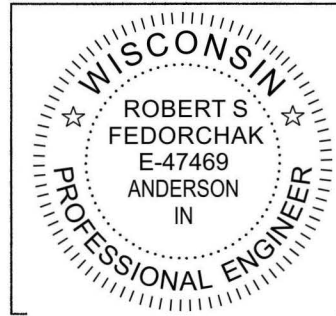
Other Persons:

Print name	Title
Signature	Date

Site name: Harborview Cleaners
Reporting period from: 07/01/2019 To: 12/31/2019
Days in period: 184

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Professional Seal(s), if applicable:



Site name: Harborview Cleaners
Reporting period from: 07/01/2019 To: 12/31/2019
Days in period: 184

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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: 4
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
134 days. All four (4) extraction wells were available for use during the reporting period. However, at certain times higher vacuum was applied to only one (1) or two (2) wells to target extraction from specific areas. Wells that were intentionally closed are listed with zero vacuum on Table 3 (attached). The system shutdown for extended periods on two occasions during the reporting period due to alarms associated with power interruption.
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
73%. Downtime was caused by power interruptions.
4. Average depth to groundwater: 11 gpm

B. Building Basement/Subslab Venting System Operation

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

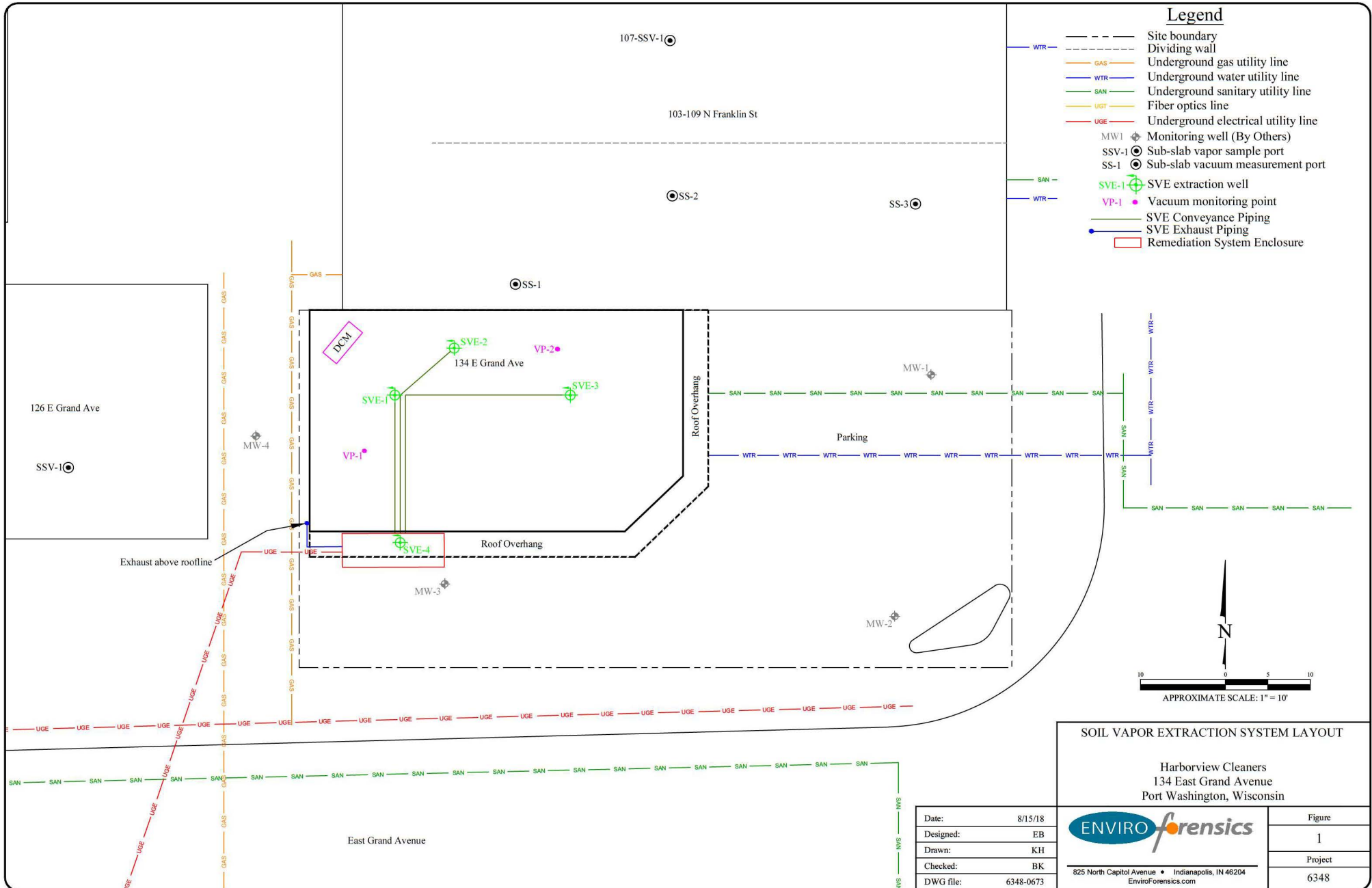
C. Effectiveness Evaluation

1. Average contaminant removal rate for the entire system: 0.06 pounds per day
2. Average contaminant removal rate per well or venting point: 0.03 pounds per day
3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate per well is less than one tenth of a pound per day, evaluate the following:
 - a. If contaminants are aerobically biodegradable and confirmation borings have not been drilled in the past year:
 - i. Oxygen levels in extracted air: _____ percent
 - ii. Methane levels in extracted air (ppmv) If over 10 ppmv, explain: _____
 - iii. If methane is not present above 10 ppmv and if oxygen is greater than 20 percent in extracted air, you should either:
 - o Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
 - o Or, perform an in situ respirometry test in a zone of high contamination. Do not perform the test in an air extraction well, use a gas probe or water table well. If a zero order rate of decay based on oxygen depletion is less than 2 mg/kg per day, then you should drill confirmation borings, if the entire site should be considered for closure. If the rate of decay is between 2 and 10 mg/kg, operate for one more reporting period before evaluating further. If the zero order rate of decay is greater than 10 mg/kg total hydrocarbons, continue operating the system in a manner that maximizes aerobic biodegradation.
 - b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.
 - c. If soil borings were drilled during the past year and soil contamination remains above acceptable levels, explain if the system effectiveness can be increased and/or if other options need to be considered to achieve cleanup criteria.

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

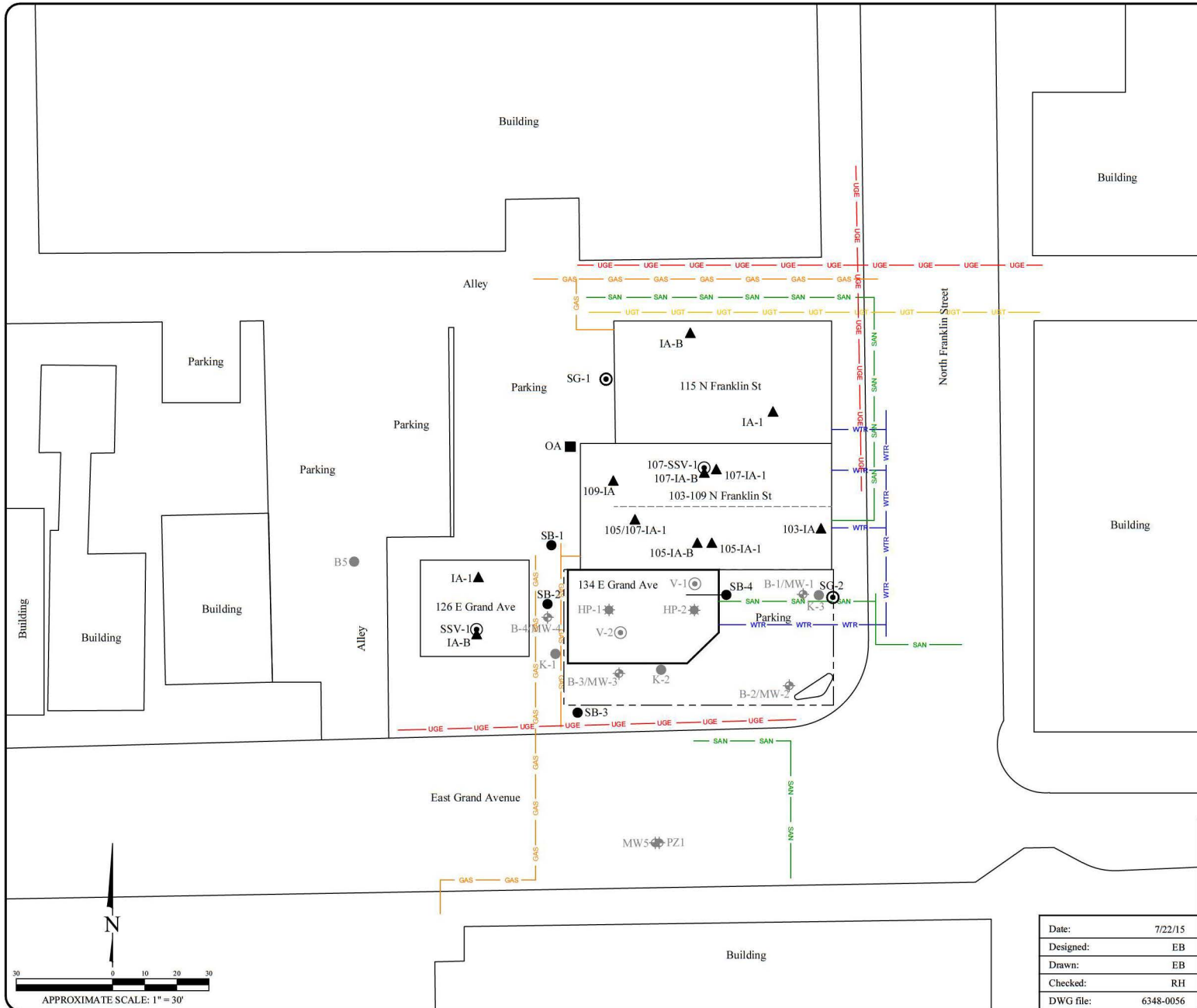
- Site boundary
- - - - - Dividing wall
- GAS --- Underground gas utility line
- WTR --- Underground water utility line
- SAN --- Underground sanitary utility line
- UGT --- Fiber optics line
- UGE --- Underground electrical utility line
- MW-1 Monitoring well (By Others)
- SSV-1 Sub-slab vapor sample port
- SS-1 Sub-slab vacuum measurement port
- SVE-1 SVE extraction well
- VP-1 Vacuum monitoring point
- SVE Conveyance Piping
- SVE Exhaust Piping
- Remediation System Enclosure

SOIL VAPOR EXTRACTION SYSTEM LAYOUT

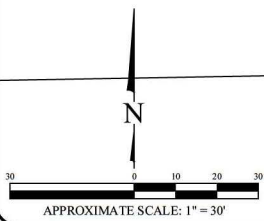
Harborview Cleaners
134 East Grand Avenue
Port Washington, Wisconsin

Date:	8/15/18	Figure
Designed:	EB	1
Drawn:	KH	Project
Checked:	BK	6348
DWG file:	6348-0673	

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



- ### Legend
- Site boundary
 - - - Dividing wall
 - GAS --- Underground gas utility line
 - WTR --- Underground water utility line
 - SAN --- Underground sanitary utility line
 - UGT --- Fiber optics line
 - UGE --- Underground electrical utility line
 - MW1 Monitoring well (By Others)
 - B5 Boring (By Others)
 - V-1 Vapor sample (By Others)
 - HP-1 Hand probe (By Others)
 - SB-1 Direct push soil boring
 - SB-4 Directional soil boring
 - SSV-1 Sub-slab vapor sample
 - IA-1 Indoor air sample
 - OA-1 Outdoor air sample
 - SG-1 Soil gas sample



SITE LAYOUT MAP	
Harborview Cleaners 134 East Grand Avenue Port Washington, Wisconsin	
	Figure 2
	Project 6348
ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com	

Date:	7/22/15
Designed:	EB
Drawn:	EB
Checked:	RH
DWG file:	6348-0056

Chart 1
SVE Effluent VOC Concentration Trend
Harborview Cleaners - 134 E. Grand Avenue, Port Washington, Wisconsin

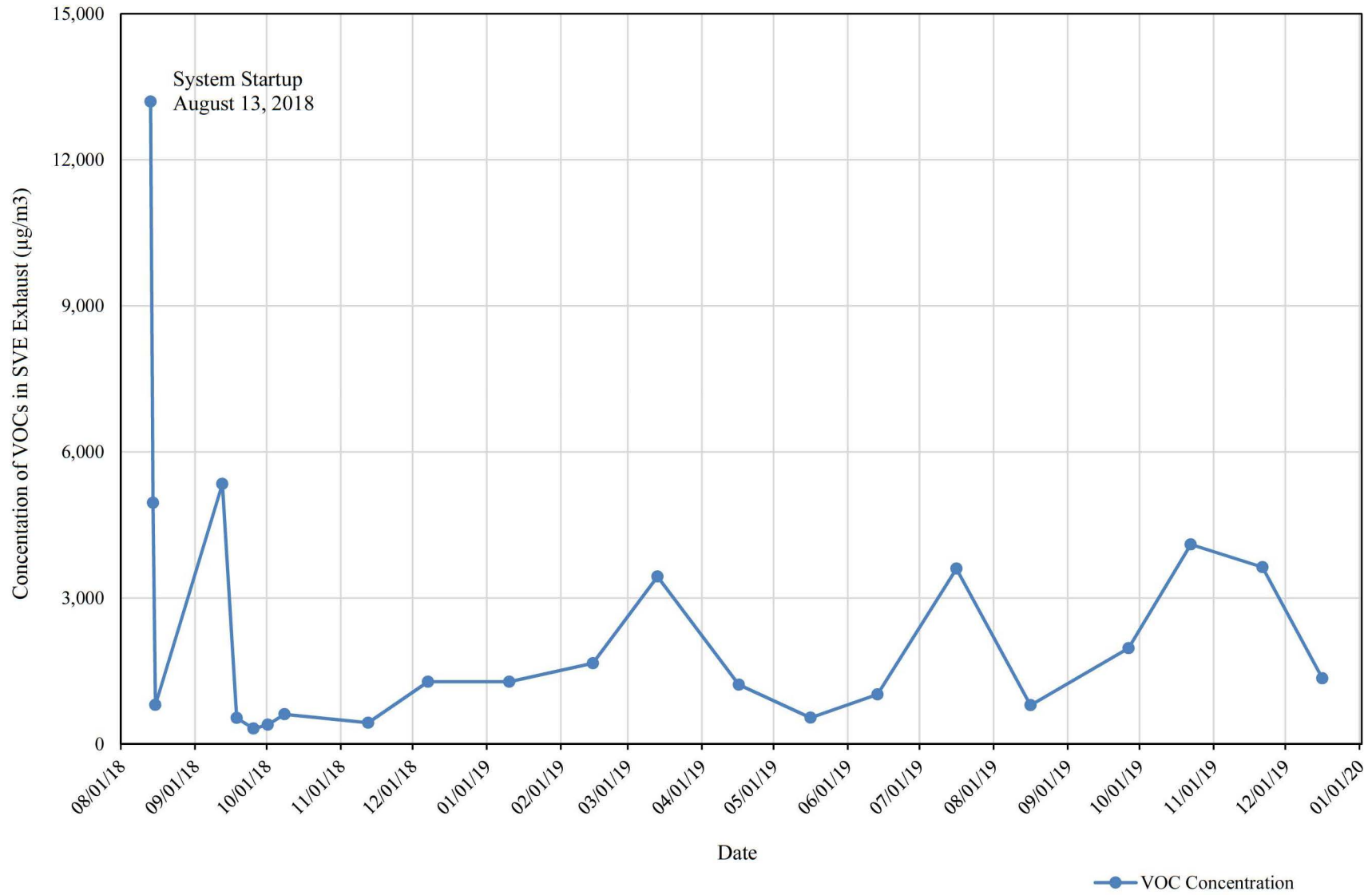


Chart 2

Cumulative VOC Mass Removed

Harborview Cleaners - 134 E. Grand Avenue, Port Washington, Wisconsin

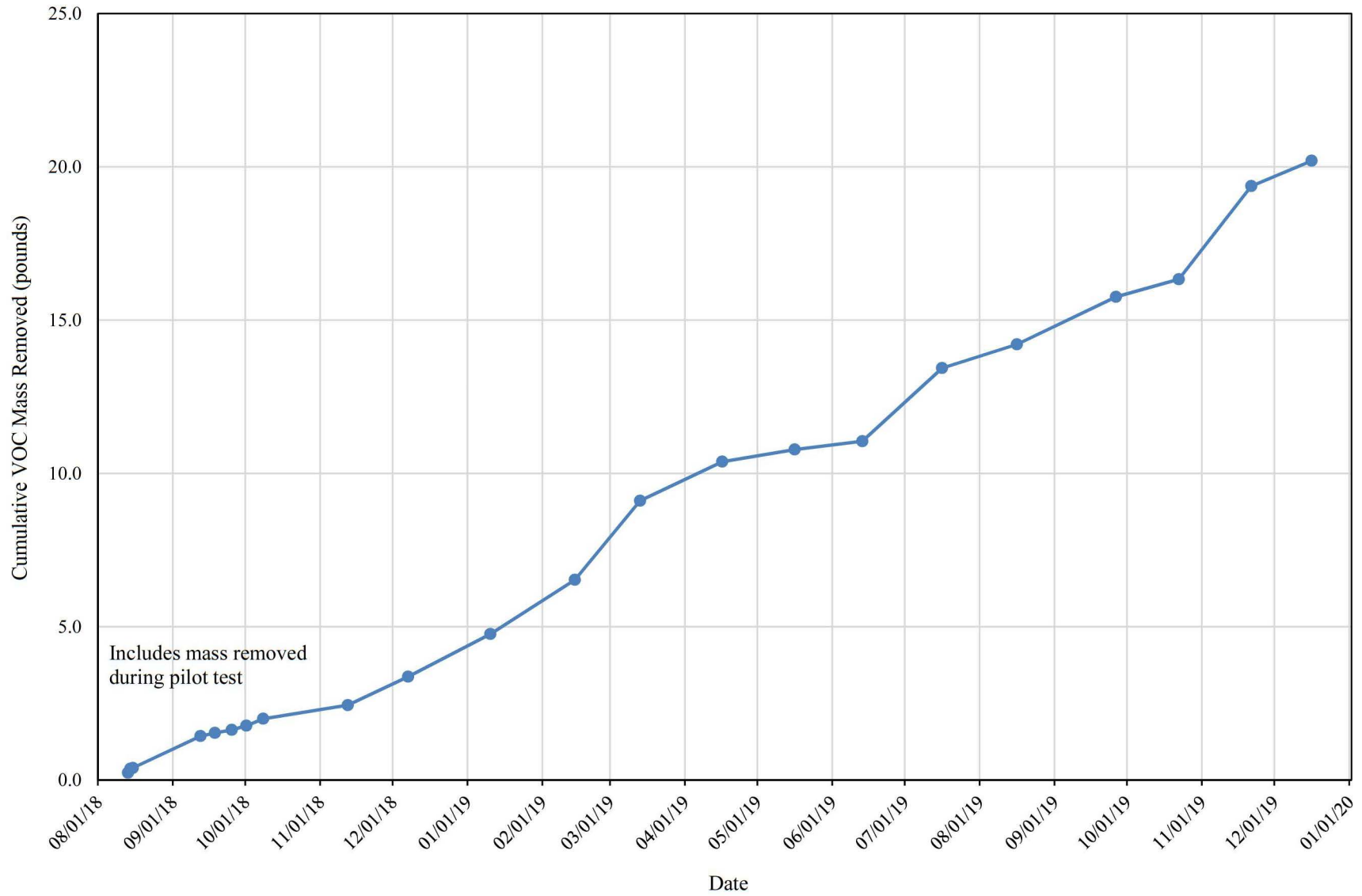


TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
Harborview Cleaners
134 East Grand Avenue, Port Washington, Wisconsin

Boring Identification	Sample Depth (feet)	Sample Date	Consultant	Tetrachloroethene	Trichloroethene	Chloroform	n-Butylbenzene	Ethylbenzene	Methylene Chloride	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Industrial RCL ¹				145,000	8,410	2,130	108,000	35,400	1,150,000	24,100	264,000	818,000	219,000	182,000	260,000
Non-Industrial RCL ¹				33,000	1,300	423	108,000	8,020	61,800	5,520	264,000	818,000	219,000	182,000	260,000
Soil to Groundwater RCL ¹				4.5	3.6	3.3	N.E.	1,570	2.6	658	1,970	1,107	1,382	1,382	3,960
GP-1	4-6	5/30/2006	RMT	870	<34	<34	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10-12	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-2	4-6	5/31/2006	RMT	<27	<27	<27	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10-12	5/31/2006	RMT	<27	<27	<27	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-3	4-6	5/30/2006	RMT	59	<27	<27	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10-12	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-4	4-6	5/30/2006	RMT	<29	<29	<29	NA	NA	NA	<57	NA	<29	<29	NA	NA
	10-12	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	<55	NA	<27	<27	NA	NA
GP-5	4-6	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	<55	NA	<27	<27	NA	NA
	8-9.5	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	<55	NA	<27	<27	NA	NA
GP-6	4-6	5/30/2006	RMT	<27	<27	<27	NA	NA	NA	58	NA	28	28	NA	NA
	10-12	5/30/2006	RMT	<29	<29	<29	NA	NA	NA	<58	NA	<29	<29	NA	NA
K-1	3-4	11/20/2006	Konicek	1,300	<25	<25	<40	<25	84	<25	<25	<25	<25	<25	<75
K-2	3-4	11/20/2006	Konicek	660	<25	<25	<40	<25	69	<25	<25	<25	<25	<25	<75
K-3	3-4	11/20/2006	Konicek	<25	<25	<25	<40	<25	65	<25	<25	<25	<25	<25	<75
K-3	9	11/20/2006	Konicek	150	<25	<25	<40	<25	67	<25	<25	<25	<25	<25	<75
B-1/MW-1	2-4	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	18-20	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
B-2/MW-2	2-4	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	13	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
B-3/MW-3	2-4	12/20/2007	Konicek	670	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	14-16	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	14-16 D	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
B-4/MW-4	2-4	12/20/2007	Konicek	4,100	63 Q	<26	<42	<26	<26	<26	<26	<26	<26	<26	<78
	14-16	12/20/2007	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
B-5	8-10	1/16/2008	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	14-15	1/16/2008	Konicek	<25	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
 Harborview Cleaners
 134 East Grand Avenue, Port Washington, Wisconsin

Boring Identification	Sample Depth (feet)	Sample Date	Consultant	Tetrachloroethene	Trichloroethene	Chloroform	n-Butylbenzene	Ethylbenzene	Methylene Chloride	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
Industrial RCL ¹				145,000	8,410	2,130	108,000	35,400	1,150,000	24,100	264,000	818,000	219,000	182,000	260,000
Non-Industrial RCL ¹				33,000	1,300	423	108,000	8,020	61,800	5,520	264,000	818,000	219,000	182,000	260,000
Soil to Goundwater RCL ¹				4.5	3.6	3.3	N.E.	1,570	2.6	658	1,970	1,107	1,382	1,382	3,960
PZ-1	4-6	3/13/2008	Konicek	<25	<25	42.5 J	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
	10-12	3/13/2008	Konicek	<25.3	<25.3	<25.3	<40.8	<25.3	<25.3	<25.3	<25.3	<25.3	<25.3	<25.3	<50.6
	14-16	3/13/2008	Konicek	<25	<25	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
	32-35	3/13/2008	Konicek	<25	<25	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0
HP-1	2-4	1/16/2008	Konicek	29,000	<120	<120	<200	<120	<120	<120	<120	<120	<120	<120	<370
	6-8	1/16/2008	Konicek	81,000	<310	<310	<500	<310	<310	<310	<310	<310	<310	<310	<930
HP-2	2-4	1/16/2008	Konicek	45 Q	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
	6-8	1/16/2008	Konicek	1,200	<25	<25	<40	<25	<25	<25	<25	<25	<25	<25	<75
SB-1	8-10	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
	14-16	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
SB-2	6-8	12/2/2015	EnviroForensics	3,800	<42	<260	1,470 J	690 J	<2200	4,400	1,020 J	380 J	7,200	2,200 J	4,560
	11-13	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
SB-3	6-8	12/2/2015	EnviroForensics	1,720	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
	10-12	12/2/2015	EnviroForensics	500	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
	14-16	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
SB-4	6-8 (4.5-6.5 vertical)	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
	12-14 (9.5-11.5 vertical)	12/2/2015	EnviroForensics	186	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
	16-18 (13-15 vertical)	12/2/2015	EnviroForensics	<54	<42	<26	<86	<27	<220	<87	<35	<31	<78	<89	<0.99
SB-5	1-2	4/11/2017	EnviroForensics	<32	<41	<35	<40	<35	<150	<94	<33	<32	<25	<32	<44
SB-6	1-2	4/11/2017	EnviroForensics	<32	<41	<35	<40	<35	<150	<94	<33	<32	<25	<32	<44
SB-7	1	4/11/2017	EnviroForensics	<32	<41	<35	<40	<35	<150	<94	<33	<32	<25	<32	<44

Notes:

¹ Residual Contaminant Levels calculated according to the procedures described in WDNR Publication RR-89f

All concentrations reported in micrograms per kilogram µg/kg

J, Q = Estimated concentration between the laboratory detection limit and reporting limit

NE = Not established

NA = Not available

Bolded values are above laboratory detection limit;

Bolded and Green Shaded value indicates an exceedance of the Non-Industrial Residual Contaminant Level

Bolded and Blue Shaded value indicates an exceedance of the Soil to Groundwater Residual Contaminant Level

TABLE 2
GROUNDWATER ELEVATION DATA SUMMARY

Harborview Cleaners
134 East Grand Avenue
Port Washington, Wisconsin

Well ID	TOC Elevation (feet AMSL)	Screened Interval (feet below TOC)	Date	Depth to Water (feet below TOC)	Groundwater Elevation (feet AMSL)
MW-1	591.69	4.6 - 19.6	4/18/2016	8.38	583.31
			7/19/2016	8.76	582.93
MW-2	591.81	2.6 - 12.6	4/18/2016	8.44	583.37
			7/19/2016	8.71	583.10
MW-3	592.69	4.4 - 14.4	4/18/2016	11.19	581.50
			7/19/2016	11.38	581.31
MW-4	593.84	4.9 - 14.9	4/18/2016	11.83	582.01
			7/19/2016	12.08	581.76
MW-5	592.34	7.7 - 17.7	4/18/2016	10.98	581.36
			7/19/2016	11.14	581.20
PZ-1	592.42	29.3 - 34.3	4/18/2016	3.63	588.79
			7/19/2016	8.75	583.67

Notes:

All values are in feet

AMSL = above mean sea level

TOC = top of casing reported in the 2009 Site Investigation Report

TABLE 3
SOIL VAPOR EXTRACTION SYSTEM OPERATIONAL DATA

Harborview Cleaners
134 E. Grand Avenue, Port Washington, Wisconsin

Date	Time	System Runtime	VFD Setting	System Vacuum	Conveyance Line Vacuum				Exhaust Pressure	Inlet Filter Differential Pressure	Exhaust Differential Pressure	Calculated Flow Rate	Intake Temperature	Exhaust Temperature	Effluent VOC Concentration
		Panel Display	Panel Display	AWS	1	2	3	4	Exhaust Pipe	Filter Housing	Pitot Tube		AWS	Exhaust Pipe	Exhaust Port
		Hours	Hertz	in Hg	in Hg				in H ₂ O	in H ₂ O	in H ₂ O	SCFM	°F	°F	µg/m ³
08/13/18	1103	3.5	60.0	-6.0	-7.0	0.0	-7.0	0.0	8.0	0.0	2.2	287		143	13,197
08/14/18	1100	26.4	60.0	-5.5	-7.0	0.0	-8.0	0.0	9.0	0.0	2.2	289		145	4,956
08/15/18	1345	50.6	50.0	-2.0	-2.0	-1.5	-1.8	-1.8	4.0	0.0	2.2	319		109	803
09/12/18	1333	187.8	51.2	-2.0	-3.0	-2.0	-2.0	-2.5	8.0	0.0	2.2	321	68	110	5,344
09/18/18	950	328.2	51.2	-2.0	-2.5	-2.0	-2.0	-2.0	8.0	0.0	2.1	306	63	103	536
09/25/18	1520	501.7	51.2	-5.0	-6.0	0.0	-5.5	0.0	5.0	0.0	1.7	254	65	123	319
10/01/18	1050	641.2	51.2	-3.2	0.0	-3.0	0.0	-3.0	7.0	0.0	2.0	295	57	110	397
10/08/18	1210	687.9	51.2	-5.6	-6.0	0.0	-5.5	0.0	5.0	0.0	1.7	260	60	116	612
11/12/18	1207	1,503.9	51.2	-1.5	-2.5	-1.5	-2.0	-2.0	7.0	0.0	2.2	332	48	82	437
12/07/18	1220	2,129.0	51.2	-3.1	0.0	-3.0	-3.0	0.0	6.0	0.0	2.1	310	49	88	1,280
01/10/19	1315	2,946.0	60.0	-3.3	0.0	-2.5	-3.0	0.0	7.5	0.0	2.8	355	48	96	1,280
02/14/19	924	3,781.3	59.0	-3.7	0.0	0.0	-3.0	-3.5	7.0	0.0	2.6	340	40	94	1,660
03/13/19	733	4,427.2	60.0	-5.0	0.0	-4.5	0.0	0.0	4.0	0.0	2.3	310	45	110	3,440
04/16/19	1235	5,247.8	60.0	-3.0	0.0	-2.5	-3.0	0.0	6.0	0.0	2.6	340	49	106	1,220
05/16/19	1024	5,965.7	60.0	-6.3	0.0	0.0	0.0	-6.7	2.4	0.0	2.0	272	45	123	541
06/13/19	1031	6,252.5	60.0	-8.0	0.0	0.0	-8.5	0.0	1.0	0.0	1.8	246	58	156	1,020
07/16/19	1335	6,765.1	60.0	-5.0	0.0	-5.5	0.0	0.0	2.0	0.0	2.8	345	57	90	3,603
08/16/19	1000	7,500.4	60.0	-2.8	0.0	-2.9	-3.0	0.0	4.5	0.0	2.8	351	63	119	799
09/26/19	910	8,154.9	60.0	-4.4	-5.4	0.0	0.0	-5.0	2.2	0.0	2.5	321	54	120	1,970
10/22/19	1020	8,278.7	60.0	-5.2	0.0	-5.2	0.0	0.0	2.5	0.0	2.3	302	57	124	4,100
11/21/19	911	8,998.5	60.0	-5.7	-5.2	0.0	-5.2	0.0	2.0	0.0	2.3	310	48	117	3,633
12/16/19	1050	9,516.8	60.0	-4.7	0.0	-4.9	0.0	0.0	NM	0.0	2.4	315	47	112	1,350

Notes:

- in Hg = inches of mercury
- in H₂O = inches of water
- µg/m³ = micrograms per cubic meter
- AWS = Air-water separator
- NM = not measured due to gauge malfunction
- SCFM = Standard cubic feet per minute