

**From:** Schultz, Josie M - DNR  
**Sent:** Tuesday, September 15, 2020 1:28 PM  
**To:** Kleist, Andrew  
**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI  
**Attachments:** Soil and GW maps and tables.pdf; Sump locations map & plumbing fixes needed.pdf

Hi Andy,

Majority of reports can be found at the BOTW database link here, and I have a screenshot with arrows pointing to the most important reports/submittals below:

<https://dnr.wi.gov/botw/GetActivityDetail.do?siteId=1227000&adn=0205217270>

2020-03-18	43	Site Activity Status Update Received	MARCH 2020 VAPOR SAMPLING RESULTS
For Code 43: <a href="#">20200318_43_Vapor_Results_Mar_2020.pdf</a> Click to Download or Open			
2020-04-03	99	Miscellaneous	NOTICE OF INTENT TO INCUR COSTS FOR STATE-FUNDED RESPONSE
For Code 99: <a href="#">20200403_99_Notice_of_Intent.pdf</a> Click to Download or Open			
2020-04-03	43	Site Activity Status Update Received	GASMET FTIR METER READINGS FROM 4/2/2020
For Code 43: <a href="#">20200403_43_Gasmet_FTIR_Results.pdf</a> Click to Download or Open			
2020-04-15	122	Interim Action Plan Received (non-fee)	DOCUMENTATION FOR VAPOR MITIGATION APPROACH & PROPOSAL FOR VAPOR MITIGATION SYSTEM, GW SAMPLING
For Code 122: <a href="#">20200415_122_Interim_Action_Plan.pdf</a> Click to Download or Open			
2020-04-17	99	Miscellaneous	DNR RESPONSE TO VAPOR MITIGATION PROPOSAL- REQUIRES IMMEDIATE COMMISSIONING & PROPER DOCUMENTATION
For Code 99: <a href="#">20200417_99_Response_to_Interim_Action_Plan.pdf</a> Click to Download or Open			
2020-04-20	43	Site Activity Status Update Received	STATE LEAD SCS SITE RECON & VAPOR SCREENING REPORT
For Code 43: <a href="#">20200420_43_Initial_Vapor_Screening_Apr_2020.pdf</a> Click to Download or Open			
2020-06-03	43	Site Activity Status Update Received	INDOOR AIR SAMPLING RESULTS POST-VMS INSTALL FOR COMMISSIONING
For Code 43: <a href="#">20200603_43_Vapor_Sampling_May_2020.pdf</a> Click to Download or Open			
2020-06-15	99	Miscellaneous	REQUEST FOR ADDITIONAL INFORMATION, DOCUMENTATION & ACTION IN RESPONSE TO RECENT VAPOR SAMPLING
For Code 99: <a href="#">20200615_99_Addl_Info_Doc_Action_Needed.pdf</a> Click to Download or Open			
2020-06-15	43	Site Activity Status Update Received	PFE TESTING, SUB-SLAB VACUUM READINGS FOR COMMISSIONING OF SSDS
For Code 43: <a href="#">20200615_43_SSDS_Vacuum_Readings.pdf</a> Click to Download or Open			
2020-06-30	99	Miscellaneous	BROWN CNTY HEALTH DEPT PROVIDED LITERATURE TO OCCUPANTS & CONTACT INFO FOR DHS FOR CVOC VAPORS
For Code 99: <a href="#">20200630_99_BCHD_DHS_contact_occupants.pdf</a> Click to Download or Open			
2020-06-30	126	Interim Action Report Received (non-fee)	VAPOR MITIGATION SYSTEM CONSTRUCTION REPORT, GW SAMPLING & VAPOR SAMPLING RESULTS
For Code 126: <a href="#">20200630_126_Interim_Action_Report.pdf</a> Click to Download or Open			
2020-07-07	43	Site Activity Status Update Received	PLUMBING & SANITARY SEWER UPDATE FROM CITY OF GREEN BAY-LICENSED PLUMBER REQUIRED FOR FIXES
For Code 43: <a href="#">20200707_43_Sanitary_and_Plumbing_Update.pdf</a> Click to Download or Open			
2020-07-29	195	<a href="#">Semi-Annual/PECFA Cost Reporting (NR700) Requirement Met</a>	Period: 1/1/2020 - 6/30/2020
Click 195 Action Name above to view NR700.11 report			

#### 20200318\_43\_Vapor\_Results\_Mar\_2020

- Has map of vapor sampling locations on page 76 and 77

#### 20200420\_43\_Initial\_Vapor\_Screening\_Apr\_2020

- Report for state lead work performed to investigate sources of vapor intrusion
- Pages 45-52 have a layout of the building, and what the average PCE concentrations (in ppm) detected by the Gasmeter FTIR meter for each room/location.

#### 20200603\_43\_Vapor\_Sampling\_May\_2020

- Has the 3/4/2020, 4/2/2020, and 5/20/2020 sampling vapor sampling results on page 31

## 20200630\_126\_Interim\_Action\_Report

- This is the vapor mitigation system construction report
- Vapor sampling results from March, April, and May on page 10
- Most recent groundwater sampling results on page 11 and well map on page 12

I've attached a few highlighted maps and tables from my personal notes that are from older reports (not currently available on BOTW). There is also a Sump locations map that I've attached with a few notes I've added in colored boxes, since there is no report that has a map of labeled sump locations. If they'd like to take a look at the older reports, I'll have to make a request for one of our environmental program associates to scan them in. This takes some time, so please let me know asap if this is something they'd like to see.

Thanks,  
Josie

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### Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

Wisconsin Department of Natural Resources

2984 Shawano Avenue, Green Bay, WI 54313-6727

**Phone: 920-662-5424 Office phone line will be disconnected in October**

Cell: 920-366-5685

[Josie.Schultz@Wisconsin.gov](mailto:Josie.Schultz@Wisconsin.gov)



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**From:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>

**Sent:** Tuesday, September 15, 2020 11:17 AM

**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

Hi Josie,

Could I have you send any soil gas, sub-slab, sump, groundwater, or indoor air data you have for the site? I believe back in March I was sent indoor air data but can't seem to locate it. It has been a few years since I have had a VI Site so I have been consulting some of my coworkers who are VI experts to make sure my approach is correct and they have asked if there is any additional data that they can take a look at.

Thanks,

Andy

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**From:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Sent:** Monday, September 14, 2020 7:31 AM  
**To:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>  
**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRS# 02-05-217270 - Green Bay, WI

Hi Andy,

This sounds like a good plan. Please let me know if there's anything else you need from me in the meantime.

Thank you,  
Josie

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**Josie M. Schultz**

Hydrogeologist – Northeast Region Remediation and Redevelopment Team  
Wisconsin Department of Natural Resources  
2984 Shawano Avenue, Green Bay, WI 54313-6727  
**Phone: 920-662-5424 Office phone line will be disconnected in October**  
Cell: 920-366-5685  
[Josie.Schultz@Wisconsin.gov](mailto:Josie.Schultz@Wisconsin.gov)



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**From:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>  
**Sent:** Friday, September 11, 2020 12:59 PM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>  
**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRS# 02-05-217270 - Green Bay, WI

Hi Josie,

After our conversation yesterday I have enough to get the ball rolling on a few things on my end that I was waiting on. Let's try for the week after next to have a conversation with Jennifer and Curtis, that way I'll hopefully have an idea what our SAP will look like and then we can have a conversation about that as well.

Thanks,

Andy

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**From:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>  
**Sent:** Friday, September 11, 2020 11:54 AM  
**To:** Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>; Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>  
**Subject:** FW: USEPA Removals Request - One Hour Martinizing BRRS# 02-05-217270 - Green Bay, WI

Josie – can you find a time to have a call with Andy, Borksi, DHS to discuss next steps. I will be unavailable next week mon-Wed so please go forward without me.

Sorry I have not found the time to schedule a meeting.

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**Roxanne Nelezen Chronert**

Phone: (920) 362-3981

[Roxanne.Chronert@Wisconsin.gov](mailto:Roxanne.Chronert@Wisconsin.gov)

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**From:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>

**Sent:** Friday, September 4, 2020 11:34 AM

**To:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>; Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRS# 02-05-217270 - Green Bay, WI

Hi Rox,

No problem. I ended up being extremely unproductive this week as my laptop crashed, trying to get that resolved during COVID proved to be a process. Anyway, I got the ball rolling on my end setting things up with contractors as well as funding so that we can get out to the site ASAP. I just wanted to touch base with you all to make sure I have a good handle on the recommended SOW mentioned in the referral letter so I can get started on a sampling plan.

I am free anytime T-F next week with the exception of T and W mornings. Let me know if there is a time that works for everybody, and if not I'll just plan to touch base with Josie.

Thanks,

Andy

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**From:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>

**Sent:** Friday, September 4, 2020 9:39 AM

**To:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>; Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRS# 02-05-217270 - Green Bay, WI

I ended up taking off last week. When are you available to talk with Josie and I. We will also try to coordinate with Jenna B and DHS.

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**Roxanne Nelezen Chronert**

Phone: (920) 362-3981

[Roxanne.Chronert@Wisconsin.gov](mailto:Roxanne.Chronert@Wisconsin.gov)

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**From:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>

**Sent:** Friday, August 28, 2020 3:12 PM

**To:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>

**Subject:** FW: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

Hey Rox,

I got busy this week and never followed up. I would still like to get a call together if possible. Anytime next week would work for me.

Thanks,

Andy

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**From:** Kleist, Andrew

**Sent:** Friday, August 21, 2020 9:35 AM

**To:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

Sounds good. I just checked my schedule and I'm free anytime in the afternoons M-W next week.

---

**From:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>

**Sent:** Thursday, August 20, 2020 2:27 PM

**To:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

You can coordinate with Josie directly. Yes I agree a meeting with all next week. I can coordinate if you give me some times you are free. I think we should also invite muni to call, but I will consult with Josie on this issue.

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**Roxanne Nelezen Chronert**

Phone: (920) 362-3981

[Roxanne.Chronert@Wisconsin.gov](mailto:Roxanne.Chronert@Wisconsin.gov)

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**From:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>

**Sent:** Thursday, August 20, 2020 1:49 PM

**To:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>

**Subject:** FW: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

Hi Rox,

Looks like we officially got the go ahead on my end. Should I be coordinating with Josie moving forward? Also, your referral letter lays out pretty clearly what you're asking for from us, but maybe we should set

up a call with everyone that was on the last one for early next week? I'd just want to make sure we're all on the same page before I start making plans, let me know what you think.

I've been in contact with my contractors that will be putting together the SAP and conducting the sampling. They are aware of everything, so hopefully once we get everything squared away on the contracting end they will be ready to go and we can get a pretty quick turnaround.

Thanks,

Andy

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**From:** Ribordy, Michael <[ribordy.mike@epa.gov](mailto:ribordy.mike@epa.gov)>

**Sent:** Thursday, August 20, 2020 1:08 PM

**To:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>; Borries, Samuel <[borries.samuel@epa.gov](mailto:borries.samuel@epa.gov)>

**Cc:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>; Rombach-Bartels, Jean - DNR <[Jean.RombachBartels@wisconsin.gov](mailto:Jean.RombachBartels@wisconsin.gov)>; Foss, Darsi J - DNR <[Darsi.Foss@wisconsin.gov](mailto:Darsi.Foss@wisconsin.gov)>; Soyer, Jenna A - DNR <[Jenna.Soyer@wisconsin.gov](mailto:Jenna.Soyer@wisconsin.gov)>; Nobile, Trevor W - DNR <[trevor.nobile@wisconsin.gov](mailto:trevor.nobile@wisconsin.gov)>; Saari, Christopher A - DNR <[Christopher.Saari@wisconsin.gov](mailto:Christopher.Saari@wisconsin.gov)>; Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>; Olson, Beth J - DNR <[beth.olson@wisconsin.gov](mailto:beth.olson@wisconsin.gov)>; Sponseller, Bart A - DNR <[bart.sponseller@wisconsin.gov](mailto:bart.sponseller@wisconsin.gov)>; Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>; Jennifer Borski <[jennifer.borski@wisconsin.gov](mailto:jennifer.borski@wisconsin.gov)>; Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>; Soyer, Jenna A - DNR <[Jenna.Soyer@wisconsin.gov](mailto:Jenna.Soyer@wisconsin.gov)>; Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>; [Jason.Sladky@greenbaywi.gov](mailto:Jason.Sladky@greenbaywi.gov); [Matt.Heckenlaible@greenbaywi.gov](mailto:Matt.Heckenlaible@greenbaywi.gov); [SGeorgel@newwater.us](mailto:SGeorgel@newwater.us); Gerold, Laura A - DNR <[laura.gerold@wisconsin.gov](mailto:laura.gerold@wisconsin.gov)>; Augustyn, James <[augustyn.james@epa.gov](mailto:augustyn.james@epa.gov)>; El-Zein, Jason <[el-zein.jason@epa.gov](mailto:el-zein.jason@epa.gov)>

**Subject:** RE: USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI

Roxanne and Issac,

Thank you for the request for EPA assistance at the One Hour Martinizing site in Green Bay, Wisconsin. We have assigned On-Scene Coordinator Andrew Kleist to conduct the removal evaluation. Andrew will be in touch with Roxanne shortly to discuss. Andrew can be reached at 920-401-1816. Please contact me if you have any questions or concerns.

Sincerely,

Mike Ribordy, Chief  
Emergency Response Section #3  
U.S. EPA Region 5  
77 W. Jackson Blvd. (SE-5J)  
Chicago, Illinois 60604  
312-886-4592 office





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**From:** Chronert, Roxanne N - DNR <[Roxanne.Chronert@wisconsin.gov](mailto:Roxanne.Chronert@wisconsin.gov)>  
**Sent:** Thursday, August 20, 2020 11:17 AM  
**To:** Ribordy, Michael <[ribordy.mike@epa.gov](mailto:ribordy.mike@epa.gov)>; Borries, Samuel <[borries.samuel@epa.gov](mailto:borries.samuel@epa.gov)>  
**Cc:** Kleist, Andrew <[kleist.andrew@epa.gov](mailto:kleist.andrew@epa.gov)>; Rombach-Bartels, Jean - DNR <[Jean.RombachBartels@wisconsin.gov](mailto:Jean.RombachBartels@wisconsin.gov)>; Foss, Darsi J - DNR <[Darsi.Foss@wisconsin.gov](mailto:Darsi.Foss@wisconsin.gov)>; Soyer, Jenna A - DNR <[Jenna.Soyer@wisconsin.gov](mailto:Jenna.Soyer@wisconsin.gov)>; Nobile, Trevor W - DNR <[trevor.nobile@wisconsin.gov](mailto:trevor.nobile@wisconsin.gov)>; Saari, Christopher A - DNR <[Christopher.Saari@wisconsin.gov](mailto:Christopher.Saari@wisconsin.gov)>; Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>; Olson, Beth J - DNR <[beth.olson@wisconsin.gov](mailto:beth.olson@wisconsin.gov)>; Sponseller, Bart A - DNR <[bart.sponseller@wisconsin.gov](mailto:bart.sponseller@wisconsin.gov)>; Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>; Jennifer Borski <[jennifer.borski@wisconsin.gov](mailto:jennifer.borski@wisconsin.gov)>; Schultz, Josie M - DNR <[josie.schultz@wisconsin.gov](mailto:josie.schultz@wisconsin.gov)>; Soyer, Jenna A - DNR <[Jenna.Soyer@wisconsin.gov](mailto:Jenna.Soyer@wisconsin.gov)>; Ross, Issac A - DNR <[Issac.Ross@wisconsin.gov](mailto:Issac.Ross@wisconsin.gov)>; [Jason.Sladky@greenbaywi.gov](mailto:Jason.Sladky@greenbaywi.gov); [Matt.Heckenlaible@greenbaywi.gov](mailto:Matt.Heckenlaible@greenbaywi.gov); [SGeorgel@newwater.us](mailto:SGeorgel@newwater.us); Gerold, Laura A - DNR <[laura.gerold@wisconsin.gov](mailto:laura.gerold@wisconsin.gov)>  
**Subject:** USEPA Removals Request - One Hour Martinizing BRRTS# 02-05-217270 - Green Bay, WI  
**Importance:** High

Mike - WDNR hereby requests U.S. EPA Emergency Removal Branch assistance with One Hour Martinizing, Green Bay, Wisconsin. The existing owner, Qefli (Jeff) Neziri has recently fired his consultant and attorney, and does not appear to have the ability to pay for the cleanup, the causer for the contamination passed away. The State of Wisconsin does not have the resources or capabilities to respond, as the conditions at the site are beyond our means. The WDNR believes the site meets the criteria for a removal response (NCP, Section 300.451(b)).  
A Removals Request Form, draft memo, and regulatory information are attached.

Please advise as to whether EPA ERB is able to assist with this Site. As indicated in the attachments, time is of the essence.

My contact information is listed below if you have any questions or need additional information.

I am sending this on behalf of Issac Ross.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Roxanne Nelezen Chronert**

Phone: (920) 362-3981

[Roxanne.Chronert@Wisconsin.gov](mailto:Roxanne.Chronert@Wisconsin.gov)



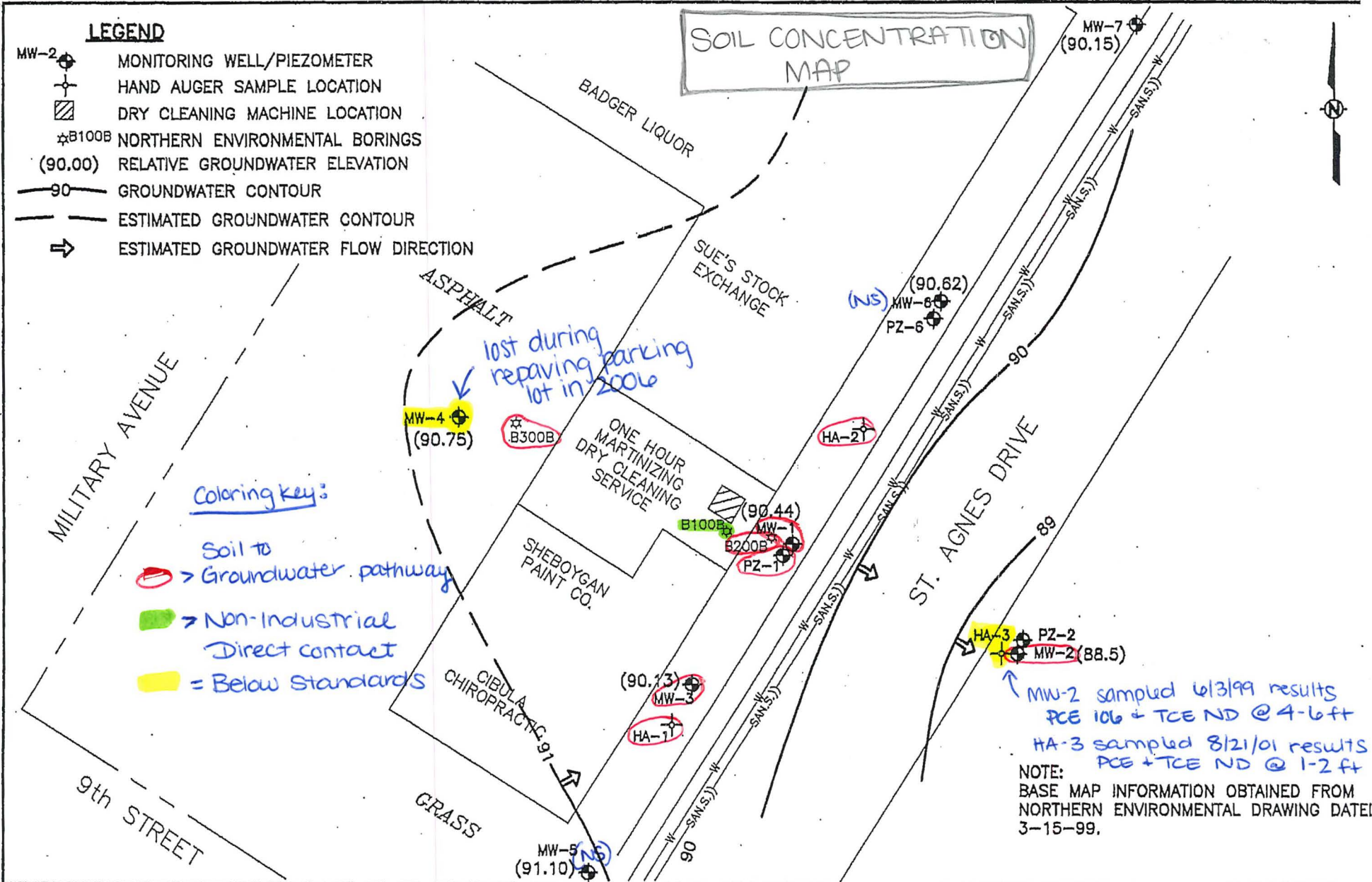
**LEGEND**

- MW-2 MONITORING WELL/PIEZOMETER
- HAND AUGER SAMPLE LOCATION
- DRY CLEANING MACHINE LOCATION
- B100B NORTHERN ENVIRONMENTAL BORINGS
- (90.00) RELATIVE GROUNDWATER ELEVATION
- 90— GROUNDWATER CONTOUR
- - - ESTIMATED GROUNDWATER CONTOUR
- ESTIMATED GROUNDWATER FLOW DIRECTION


Coloring key:

- Soil to Groundwater pathway
- Non-Industrial Direct contact
- = Below standards

**SOIL CONCENTRATION MAP**



MW-2 sampled 6/3/99 results  
PCE 106 + TCE ND @ 4-6 ft  
HA-3 sampled 8/21/01 results  
PCE + TCE ND @ 1-2 ft  
NOTE:  
BASE MAP INFORMATION OBTAINED FROM  
NORTHERN ENVIRONMENTAL DRAWING DATE:  
3-15-99.

  
 SIS Consultants Ltd.  
 Consulting Engineers  
 SIS PROJECT NO. 24871XF  
 SIS PROJECT FILE 424871XF03.dwg  
 SCALE 1" = 30'  
 FIGURE NO. 3

**GROUNDWATER CONTOUR MAP (AUGUST 21, 2001)**  
**ONE HOUR MARTINIZING DRY CLEANING SERVICE**  
**1233 SOUTH MILITARY AVENUE**  
**GREEN BAY, WISCONSIN**

DRAWN BY	J.R.L.	DATE	10-12-01
CHECKED BY	P.M.G.	DATE	10-12-01
APPROVED BY		DATE	
CADFILE X:\PROJECTS\Dwg2001\24871\XF\424871XF03.dwg			

# SOIL TABLE

Table 1  
Soil Analytical Results  
One Hour Martinizing  
1233 S. Military Avenue  
Green Bay, Wisconsin

**TCE**  
**PCE**  
**GWP**  
 3.6  
 4.5  
**NIDC**  
 1,300  
 33,000  
**IDC**  
 8,410  
 145,000

			Analyte Units	Benzene ug/kg	cis 1,2-Dichloroethene ug/kg	Ethylbenzene ug/kg	Methylene Chloride ug/kg	Naphthalene ug/kg	PCE Tetrachloroethene ug/kg	TCE Trichloroethene ug/kg	Toluene ug/kg	Trimethylbenzenes ug/kg	Xylenes ug/kg	TOC mg/kg
<b>MW-1/PZ-1</b>	6/3/99	S-2	2.0 - 4.0	<116	<115	<120	<157	<50.7	10100	511	<68.0	<501	<352	--
		S-3	4.0 - 6.0	<11.4	21.2 (p)	<11.8	<15.4	<4.97	2760	134	<6.67	<49.1	<34.6	--
<b>MW-2</b>	6/3/99	S-3	4.0 - 6.0	<12.6	<12.5	<13.0	<17.1	<5.51	106	<14.2	<7.39	<54.5	<38.3	--
<b>MW-3</b>	6/3/99	S-2	2.0 - 4.0	<11.7	<11.6	<12.1	<15.8	<5.12	<21.0	<13.2	<6.86	<50.6	<35.6	--
		S-4	6.0 - 8.0	<12.9	<12.8	<13.3	<17.5	<5.64	378	<14.6	<7.56	<55.7	<39.1	--
<b>MW-4</b>	6/3/99	S-2	3.0 - 5.0	<11.7	<11.6	<12.1	<15.8	<5.11	<21.0	<13.2	<6.86	<50.5	<35.5	--
MW-5	NS 12/14/99	S-2	2.0 - 4.0	--	--	--	--	--	--	--	--	--	--	4640
MW-6	NS 12/14/99	S-2	2.0 - 4.0	--	--	--	--	--	--	--	--	--	--	2150
<b>HA-1</b>	8/21/01	S-1	1.0-2.0	<12	<12	31	<51	60	140	<14	56	40	176	--
<b>HA-2</b>	8/21/01	S-1	1.0-2.0	<12	<11	<12	<49	<33	42	<13	<6.8	<50	<24	--
<b>HA-3</b>	8/21/01	S-1	1.0-2.0	<12	<12	<12	<51	<35	<22	<14	<7.1	<52	<25	--
<i>Soil Analytical Results from Northern Environmental's March 23, 1999, Phase 2 ESA.</i>														
<b>B100B</b>	S102B	3/10/99	1.0 - 3.0	<25	38	<25	<25	<25	33000	66	<25	<50	<75	--
<b>B200B</b>	S201B	3/10/99	1.0 - 3.0	<25	<25	<25	<25	<25	7800	88	<25	<50	<75	--
<b>B300B</b>	S301B	3/10/99	1.0 - 3.0	<25	<25	<25	<25	<25	34	<25	<25	<50	<75	--
WAC NR 720 Generic RCL <sup>1</sup>				5.5		2900					1500		4100	
Site-Specific RCL - Non-industrial Ingestion Pathway					1100000				18000	83000				
Site-Specific RCL - Industrial Ingestion Pathway					--				55000	260000				
Site-Specific RCL - Non-industrial Inhalation Pathway					150000				20000	5300				
Site-Specific RCL - Industrial Inhalation Pathway					120000				19000	5200				
Site-Specific RCL - Leaching to Groundwater Pathway					240				130	36				
Suggested Generic RCL (WDNR Pub. RR-519-97)								400						
WAC NR 746 Soil Screening Level				8500		4600					38000	83000(1,2,4)/11000(1,3,5)	42000	

**Notes:**  
 ug/kg = micrograms per kilogram  
 mg/kg = milligrams per kilogram  
 (p) = Reported result is less than the practical quantitation limit  
<sup>1</sup>Wisconsin Administrative Code Chapter NR 720 Generic Residual Contaminant Level  
 TOC = Total Organic Compounds



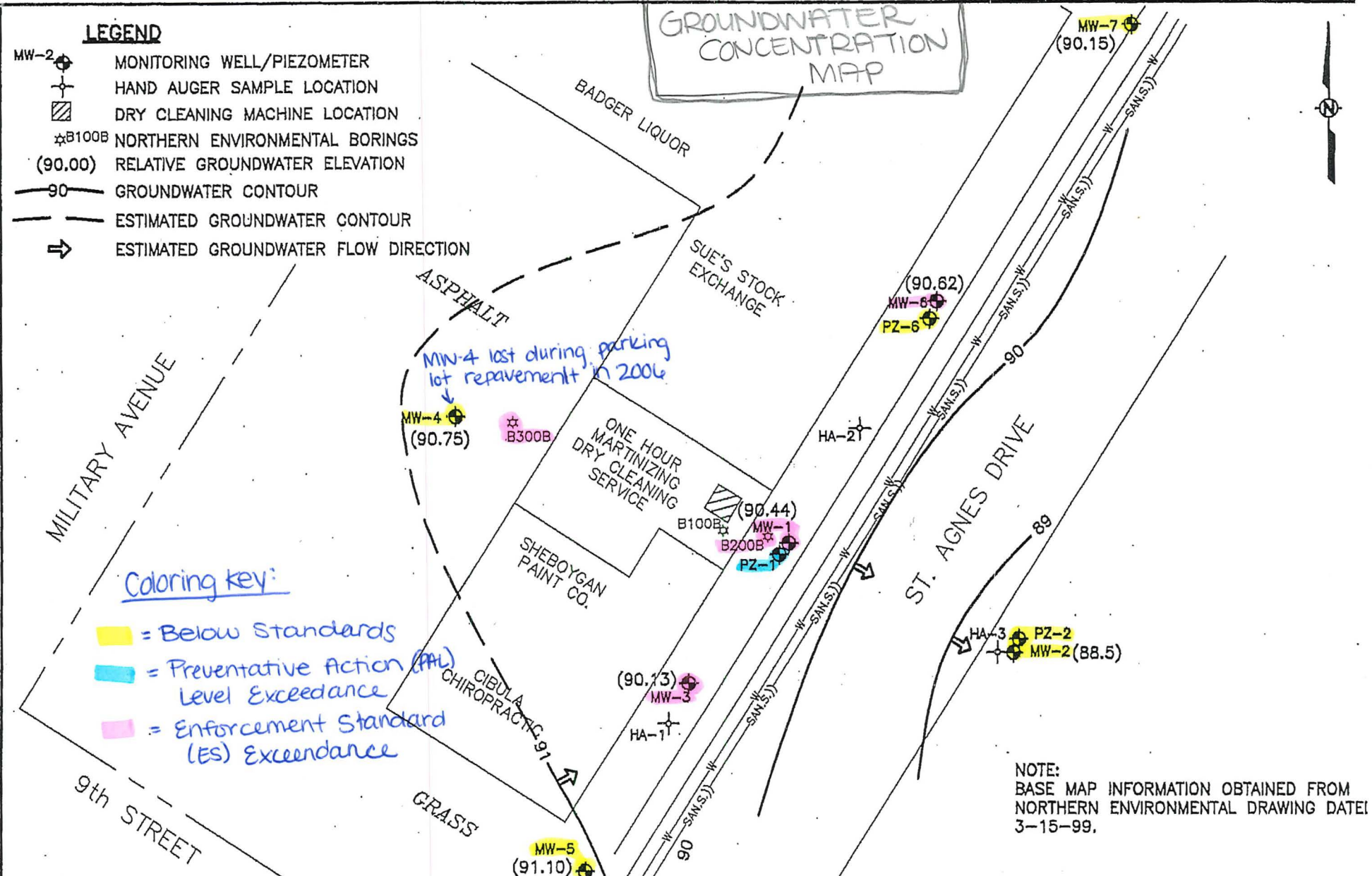
**LEGEND**

- MW-2 MONITORING WELL/PIEZOMETER
- HAND AUGER SAMPLE LOCATION
- DRY CLEANING MACHINE LOCATION
- ☆B100B NORTHERN ENVIRONMENTAL BORINGS
- (90.00) RELATIVE GROUNDWATER ELEVATION
- GROUNDWATER CONTOUR
- ESTIMATED GROUNDWATER CONTOUR
- ESTIMATED GROUNDWATER FLOW DIRECTION

Coloring key:


- = Below Standards
- = Preventative Action Level Exceedance (PAL)
- = Enforcement Standard (ES) Exceedance

**GROUNDWATER CONCENTRATION MAP**



MW-4 lost during parking lot repavement in 2006

NOTE:  
BASE MAP INFORMATION OBTAINED FROM  
NORTHERN ENVIRONMENTAL DRAWING DATE  
3-15-99.

  
**STS Consultants Ltd.**  
 Consulting Engineers  
 SITS PROJECT NO. 24871XF  
 SITS PROJECT FILE 424871XF03.dwg  
 SCALE 1" = 30'  
 FIGURE NO. 3

**GROUNDWATER CONTOUR MAP (AUGUST 21, 2001)**  
**ONE HOUR MARTINIZING DRY CLEANING SERVICE**  
**1233 SOUTH MILITARY AVENUE**  
**GREEN BAY, WISCONSIN**

DRAWN BY	J.R.L.	DATE	10-12-01
CHECKED BY	P.M.G.	DATE	10-12-01
APPROVED BY		DATE	
CADFILE	X:\PROJECTS\Dwg2001\24871\F\424871XF03.dwg		

Table 6 Ground-Water Analytical Results, 1233 South Military Avenue, One Hour Martinizing, Green Bay, Wisconsin

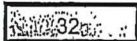
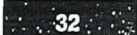
GROUNDWATER  
TABLE

3/10/1999  
Results

Northern Environmental  
Hydrologists • Engineers • Geologists

Well ID	Date Sampled	Relevant and Significant Analytical Results (µg/l)									
		Benzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Naphthalene	Tetrachloroethene	Toluene	Trichloroethene	Trimethylbenzenes	Xylenes
WDNR PAL (µg/l)		0.5	NE	NE	140	8	0.5	68.6	0.5	96	124
WDNR ES (µg/l)		5	NE	NE	700	40	5	343	5	480	620
TW200B*	03/10/99	<0.32	9.3	<0.38	<0.34	2.2"J"	>200	0.41"J"	41	<0.99	<0.98
TW300B*	03/10/99	<0.32	<0.32	<0.38	<0.34	2.1"J"	29	0.78"J"	<0.48	<0.99	<0.98

Key:

- µg/l = micrograms per liter
- WDNR = Wisconsin Department of Natural Resources
- PAL = Preventive Action Limit
- ES = Enforcement Standard
- NE = Not established by WDNR
- = Not Analyzed
- \* = Sample did not meet Laboratory QC Limits
- "J" = Analyte detected between Limit of Detection and Limit of Quantitation
-  = WDNR Preventive Action Limit Exceeded
-  = WDNR Enforcement Standard Exceeded

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MINNESOTA • St. Paul • Brainerd • Rochester  
ILLINOIS • Northbrook  
MICHIGAN • Detroit  
CANADA • Calgary





2/2

**Table 1**  
**Groundwater Analytical Results**  
**One Hour Martinizing**  
**1223 S. Military Avenue**  
**Green Bay, Wisconsin**

Analyte	Volatile Organic Compounds														Natural Attenuation Parameters								
	Benzene µg/L	cis 1,2-Dichloro- ethene µg/L	1,1-Dichloro- ethene µg/L	Ethyl- benzene µg/L	Bromodichloro- methane µg/L	Methylene Chloride µg/L	Naphthalene µg/L	Tetrachloro- ethene µg/L	Trichloro- ethene µg/L	Toluene µg/L	Trans-1,2-Dichloro- ethene µg/L	1,1,1-Trichloro- ethane µg/L	Trimethyl- benzenes µg/L	Vinyl Chloride µg/L	Xylenes µg/L	Nitrate/ Nitrite mg/L	Ethane µg/L	Ethene µg/L	Methane µg/L	Chloride mg/L	Sulfate mg/L		
MV-6	01/04/00	<0.19	8.7	<0.11	<0.19	0.61	<0.25	<0.082	124	62	<0.11	<0.21	<0.3	<0.81	<0.14	<0.39	2.7	<14	<14	12	193	76	
	10/30/00	<0.19	<0.19	<0.18	<0.13	<0.25	<0.12	<0.082	2.2	0.44	<0.11	<0.17	<0.23	<0.23	<0.3	<0.3	1.2	<14	<14	103	90	48	
	04/29/04	<0.41	5	<0.57	<0.54	<0.56	<0.43	<0.74	95	11	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	2.4	<10	<10	24	110	53	
	07/28/04	<0.41	4.2	<0.57	<0.54	<0.56	<0.43	<0.74	100	12	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	1.4	<10	<10	56	120	39	
	10/28/04	<0.41	5.5	<0.57	<0.54	<0.56	<0.43	<0.74	130	21	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	2.2	<10	<10	250	120	49	
	01/27/05	<0.41	4	<0.57	<0.54	<0.56	<0.43	<0.74	79	15	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	3	<10	<10	11	130	48	
	10/24/06	<0.41	3.8	<0.57	<0.54	<0.56	<0.43	<0.74	79	7.4	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	1	<10	<10	52	130	43	
	05/01/07	<0.41	3.4	<0.57	<0.54	<0.56	<0.43	<0.74	26	4.9	<0.67	<0.89	<0.90	<1.80	0.32	<2.63	1.7	<10	<10	<10	130	36	
	11/04/13	<0.50	55.4	<0.43	<0.50	<0.49	<0.36	<2.5	46.9	16.4	<0.44	0.39J	<0.44	<1.0	20.7	<1.32	<0.055	6.6	3.9J	1060	106	15.1	
MV-7	10/30/00	<0.19	2.3	<0.18	<0.13	<0.25	<0.12	<0.082	<0.14	<0.098	0.11	<0.17	<0.13	<0.23	<0.3	<0.069	<14	<14	27	132	146		
	04/29/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	<10	170	230	
	07/28/04	<0.41	0.93	<0.57	<0.54	<0.56	<0.43	<0.74	4.9	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	<10	170	210	
	10/28/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.16	<10	<10	<10	170	180	
	01/27/05	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	-	-	-	-	-	-	
	10/24/06	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	-	<2.63	<0.11	<10	<10	22	420	69	
	05/01/07	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.64	<10	<10	<10	350	53	
	11/04/13	<0.50	<0.42	<0.43	<0.50	<0.49	<0.36	<2.5	<0.47	<0.36	<0.44	<0.37	<0.44	<1.0	<0.97	<0.18	<1.32	0.3	<0.36	<0.30	<0.64	678	94.8
	MW-7 DUP	<0.50	0.65J	<0.43	<0.50	<0.49	<0.36	<2.5	<0.47	<0.36	<0.44	<0.37	<0.44	<1.0	<0.18	<1.32	1.2	<0.36	<0.30	<0.64	600	85	
PZ-1	06/17/99	<0.94	<0.93	<0.55	<0.97	<1.24	<1.27	<0.41	98.3	4	<0.55	<1.05	5.04	<4.05	<0.70	<2.85	-	-	-	-	-	-	
	01/04/00	<0.19	1.2	<0.11	<0.19	<0.25	<0.25	<0.082	27	3.9	<0.11	<0.21	<0.19	<0.81	<0.14	<0.39	<0.14	<14	<14	136	42	50	
	10/30/00	<0.19	2.1	<0.18	<0.13	<0.25	<0.12	<0.082	9.6	12	<0.11	<0.17	<0.13	<0.23	<0.3	<0.3	<0.069	<14	<14	81	59	70	
	04/29/04	<0.41	4.0	<0.57	<0.54	<0.56	<0.43	<0.74	5.7	1.8	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.22	<10	<10	49	97	87	
	07/28/04	<0.41	4.1	<0.57	<0.54	<0.56	<0.43	<0.74	7.4	2	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	26	87	86	
	10/28/04	<0.41	5.9	<0.57	<0.54	<0.56	<0.43	<0.74	47	1.7	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	42	88	80	
	01/27/05	<0.41	4.6	<0.57	<0.54	<0.56	<0.43	<0.74	5.5	1.4	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.36	<10	<10	13	83	77	
	10/24/06	<0.41	5.3	<0.57	<0.54	<0.56	<0.43	<0.74	7.2	2.7	<0.67	<0.89	<0.90	<1.80	-	<2.63	<0.11	<10	<10	75	93	86	
	05/01/07	<0.41	3.4	<0.57	<0.54	<0.56	<0.43	<0.74	3.6	1.2	<0.67	<0.89	<0.90	<1.80	0.20	<2.63	0.25	<10	<10	19	64	47	
11/04/13	<0.50	4.6	<0.43	<0.50	<0.45	<0.36	<2.5	4.0	3.3	<0.44	<0.37	<0.44	<1.0	0.28J	<1.32	<0.055	<0.36	<0.30	104	86.8	63.9		
PZ-2	10/30/00	0.24	<0.19	<0.18	0.21	<0.25	<0.12	<0.082	<0.14	<0.098	0.58	<0.17	<0.13	0.2	<0.23	0.3	<0.069	<14	<14	205	14	32	
	04/29/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	31	11	31	
	07/28/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	7.8	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.031	<10	<10	130	11	31	
	10/28/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	13	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.15	<10	<10	98	13	39	
	01/27/05	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	0.23	<10	<10	110	12	36	
	10/24/06	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	-	<2.63	<0.11	<10	<10	140	14	36	
	05/01/07	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.085	<10	<10	75	12	27	
	11/04/13	<0.50	<0.42	<0.43	<0.50	<0.45	<0.36	<2.5	<0.47	<0.36	<0.44	<0.37	<0.44	<1.0	<0.18	<1.32	<0.055	0.80J	<0.30	153	15.8	30.0	
PZ-6	11/01/00	<0.19	18	<0.18	<0.13	<0.25	<0.12	<0.082	1.2	4.9	0.31	<0.17	<0.13	<0.23	2.2	<0.3	-	<14	<14	306	-	-	
	04/29/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	-	<10	<10	340	-	-	
	10/28/04	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	1.8	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	-	<10	<10	<10	-	-	
	10/24/06	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	-	<2.63	-	<10	<10	<10	37	15	
	05/01/07	<0.41	<0.83	<0.57	<0.54	<0.56	<0.43	<0.74	<0.45	<0.48	<0.67	<0.89	<0.90	<1.80	<0.18	<2.63	<0.085	<10	<10	<10	46	15	
	11/04/13	<0.50	<0.42	<0.43	<0.50	<0.49	<0.36	<2.5	<0.47	<0.36	<0.44	<0.37	<0.44	<1.0	<0.18	<1.32	-	2.2J	0.61J	484	-	-	
NR 140 ES	5	70	70	700	0.6	5	100	5	5	800	100	200	480	0.2	2,000								
NR140 PAL	0.5	7	7	140	0.06	0.5	10	0.5	0.5	160	20	40	96	0.02	400								

Notes:  
 µg/L = micrograms per liter  
 (p) = Reported result is less than the practical quantitation limit  
 NE = Not established

120 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES) Exceedance  
 140 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL) Exceedance



Table 2  
 Sump Water Analytical Results  
 One Hour Martinizing  
 1223 S. Military Avenue  
 Green Bay, Wisconsin

Sump water sampling  
 Results

		Volatile Organic Compounds														
Analyte		Benzene µg/L	cis 1,2-Dichloro- ethene µg/L	1,1-Dichloro- ethene µg/L	Ethyl- benzene µg/L	Bromodichloro- methane µg/L	Methylene Chloride µg/L	Naphthalene µg/L	Tetrachloro- ethene µg/L	Trichloro- ethene µg/L	Toluene µg/L	Trans-1,2-Dichloro- ethene µg/L	1,1,1-Trichloro- ethane µg/L	Trimethyl- benzenes µg/L	Vinyl Chloride µg/L	Xylenes µg/L
BOILER ROOM	06/10/15	<5.0	<2.6	<41	<5.0	<5.0	<2.3	<25	840	35.5	<5.0	<2.6	<5.0	<10.0	<1.8	<15.0
48-INCH SUMP	06/10/15	<2.5	60.1	<1.2	<2.5	<2.5	<1.2	<12.5	397	67.3	<2.5	1.9 J	<2.5	<5.0	1.9 J	<7.5
18-INCH SUMP	06/10/15	<0.5	1.2	<0.41	<0.5	<0.5	<0.23	<2.5	8.1	2	<0.5	<0.26	<0.5	<1.0	<0.18	<1.5
NR 140 ES		5	70	850	700	0.6	5	100	5	5	800	100	200	480	0.2	2,000
NR140 PAL		0.5	7	85	140	0.06	0.5	10	0.5	0.5	160	20	40	96	0.02	400

µg/L = micrograms per liter

(p) = Reported result is less than the practical quantitation limit

NE = Not established

120 Wisconsin Administrative Code Chapter NR 140 Enforcement Standard (ES) Exceedance  
 140 Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit (PAL) Exceedance

☐ > Enforcement Standards



Table 3 - Summary of Sub-Slab Soil Vapor Analytical Results  
One Hour Martinizing Green Bay, Wisconsin

June 2015 Vapor Sampling Results

Parameter	Sample No. Sample Date	Boiler Room 6/10/2015	Utility Trench 6/10/2015	48" Sump 6/10/2015	18" Sump 6/10/2015	Ejector 6/10/2015	WDNR Vapor Risk Screening levels Lookup Table Values *
							Residential/ Small Commerical Buildings
Cis-1,2-Dichloroethene	(ug/m <sup>3</sup> )	326	<0.43	187	19.7	7.6	NL
Trans-1,2-Dichloroethene	(ug/m <sup>3</sup> )	83	<0.67	2.1	2.1	<0.70	NL
Tetrachloroethene	(ug/m <sup>3</sup> )	15700	957	1900	839	508	1800
Trichloroethene	(ug/m <sup>3</sup> )	1900	<0.48	255	65.1	16.9	88
Vinyl Chloride	(ug/m <sup>3</sup> )	1.4	<0.34	3.6	<0.33	<0.36	280

Notes:

(ug/m<sup>3</sup>) = micrograms per cubic meter ; < = Not detected above method detection limit; NL = Not listed

Residential Vapor Screening Level Exceedance Identified By:

100

\* as per WDNR guidance, lookup values for sub-slab VRSL are determined by multiplying Indoor air action levels found in Regional Screening Tables

(found at: [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm)[http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/index.htm](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm))

Small commercial  
 > Vapor Risk Screening  
 Levels (VRSLs)

## DRAIN AND VENT NOTES

IT IS BELIEVED ALL SANITARY DRAINS ASIDE FROM ABANDON BATHROOM NEAR EAST WALL DRAIN TO S MILITARY  
 DYE TESTING SHOWED THE LATERAL ABOVE THE LARGE PIT IN THE SOUTH BASEMENT IS CONNECTED TO THE STORM IN ST AGNES  
 DYE TESTING SHOWED THE LATERAL ABOVE THE SANITARY PIT GOES TO SANITARY IN ST AGNES  
 PLUMBING SYSTEM HAS BEEN TAMPERED WITH BY UNQUALIFIED PERSONS RESULTING IN OPEN SANITARY DRAINS AND MOST LIKELY VENTS  
 THROUGHOUT THE BUILDING. THESE ITEMS WILL BE ORDERED CORRECTED ASIDE FROM THE DNR MANDATES  
 \*\*THIS DOES NOT SHOW ALL OF THE DRAIN AND VENT PIPING IN THE BUILDING\*\*

### LEGEND

SANITARY DRAIN	<span style="color: magenta;">—</span>
CLEAR WATER GRAVITY DRAIN	<span style="color: green;">—</span>
CLEAR WATER PUMPED DISCHARGE	<span style="color: orange;">—</span>

