

**From:** Benjamin Brand <bbrand@kellybrandlaw.com>  
**Sent:** Tuesday, January 17, 2023 1:04 PM  
**To:** Schultz, Josie M - DNR; Chronert, Roxanne N - DNR  
**Cc:** 'qefnez@yahoo.com'; Welch, Tim  
**Subject:** RE: One Hour Martinizing Discussion - 02-05-217270  
**Attachments:** OHM\_Vapor Table\_Draft\_01172023.pdf

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Josie & Roxanne:

In anticipation of our phone conference in the above matter at 2:30 p.m. today, I am forwarding a draft summary of the vapor analytical test results from the 12/30/22 ambient air sampling. Should you have any questions, please advise.

Best,

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

**Sent:** Wednesday, January 11, 2023 2:16 PM

**To:** Benjamin Brand <[bbrand@kellybrandlaw.com](mailto:bbrand@kellybrandlaw.com)>; 'qefnez@yahoo.com' <[qefnez@yahoo.com](mailto:qefnez@yahoo.com)>; Welch, Tim <[Tim.Welch@terracon.com](mailto:Tim.Welch@terracon.com)>

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

**Subject:** One Hour Martinizing Discussion - 02-05-217270

Qefli, Ben, and Tim,

DNR is looking to schedule a phone conference to discuss the next steps for the site and provide comments for the recent submittals. Below are dates and times that Roxanne and I would be available for a call next week:

- Tuesday, January 17: 8:30 am – 10:00 am or 2:30 pm – 4:00 pm
- Wednesday, January 18: 2:00 pm – 4:00 pm

Please let me know if either of these dates and timeframes work for you, and I will send out a Teams invite.

Thank you,  
Josie

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**Josie M. Schultz**

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

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Table 3 Vapor Analytical Test Results Summary for CVOCs											
Martintizing Dry Cleaning and Laundry Service 1233 South Military Avenue Green Bay, Wisconsin Terracon Project No. 58217038											
Sample ID	Sample Type	Sampling Location	First Floor/Basement	Sample Date	Sampling Method	Flow Regulator Calibrated Sampling Time	CVOCs (ug/m <sup>3</sup> )				
							Tetrafluoroethene	Trichloroethene	Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride
<b>Jim's Music &amp; Teaching Center (1219 Military)</b>											
AA1	Ambient Air	Jim's Music Retail (Front/West)	First Floor	3/4/2020	6-Liter Summa Canister	8-Hour	338	1.4	<0.793	<0.793	<0.511
				4/2/2020	6-Liter Summa Canister	30-minute	555 / 365	1.9	0.65 J	<0.52	<0.23
				5/20/2020	6-Liter Summa Canister	8-Hour	940	1.4	<0.19	<0.27	<0.15
AA2	Ambient Air	Jim's Music Retail (Back/East)	First Floor	3/4/2020	6-Liter Summa Canister	8-hour	411	1.93	<0.793	<0.793	<0.511
				3/4/2020	6-Liter Summa Canister	8-Hour	382	2.18	<0.793	<0.793	<0.511
				4/2/2020	6-Liter Summa Canister	30-minute	1,230	3.6	1.40 J	<0.50	<0.22
AA4	Ambient Air	Jim's Music Retail	North Basement	3/4/2020	6-Liter Summa Canister	8-Hour	861	0.77	<0.17	<0.52	<0.14
				4/2/2020	6-Liter Summa Canister	30-minute	1,230	3.6	1.40 J	<0.50	<0.22
				5/20/2020	6-Liter Summa Canister	8-Hour	861	0.77	<0.17	<0.52	<0.14
SSV2	Sub-slab	Jim's Music Retail (Front/West)	First Floor	3/4/2020	6-Liter Summa Canister	24-hour	99	<1.07	<0.793	<0.793	<0.511
Sump-1	Sub-slab	Jim's Music Retail (Northwest Sump)	Basement	3/4/2020	6-Liter Summa Canister	30-minute	96.300	559	350	<167	<107
Sump-2	Sub-slab	Jim's Music Retail (East Sump)	Basement	3/4/2020	6-Liter Summa Canister	30-minute	429	1.82	<0.793	<0.793	<0.511
AMB-1	Ambient Air	Jim's Music Retail (Basement)	Basement	8/25/2021	6-Liter Summa Canister	8-hour	685	2.4	<0.30	1.9	<0.13
AMB-Jims Teaching Center (1219)	Ambient Air	Jim's Music Retail (Front/West)	First Floor	12/30/2022	6-Liter Summa Canister	8-hour	1,350	2.2	<0.34	<0.67	<0.15
AMB-Basement (1219)	Ambient Air	Jim's Music Retail (Basement)	Basement	12/30/2022	6-Liter Summa Canister	8-hour	931	3.5	<0.34	<0.67	<0.15
<b>Jim's Music Lesson (1231 Military)</b>											
AA3	Ambient Air	Jim's Music Lesson	First Floor	3/4/2020	6-Liter Summa Canister	8-Hour	827/993	6.23	2.0	<0.793	<0.511
				4/2/2020	6-Liter Summa Canister	30-minute	2,510	4.3	1.7	<0.50	<0.22
				5/20/2020	6-Liter Summa Canister	8-Hour	4,390	1.1	<0.17	<0.25	<0.14
AA5	Ambient Air	Jim's Music Lesson	South Basement	3/4/2020	6-Liter Summa Canister	8-hour	807 / 909	15.2	4.84	<0.793	<0.511
SSV5	Sub-slab	Jim's Music Lesson (South Wall)	Basement	3/4/2020	6-Liter Summa Canister	30-minute	56.700	<994	<733	<733	<473
Sump-3	Sub-slab	Jim's Music Lesson (Ejector Pit)	Basement	3/4/2020	6-Liter Summa Canister	30-minute	1,410	171	87.2	<1.98	<1.28
Sump-4	Sub-slab	Jim's Music Lesson (Sump)	Basement	3/4/2020	6-Liter Summa Canister	30-minute	1,870	28.4	6.62	<2.83	<1.83
AMB-2	Ambient Air	Jim's Music Lesson	Basement	8/25/2021	6-Liter Summa Canister	8-hour	1,990	4.6	<0.25	0.91 J	<0.13
AMB-Jims Music Lesson (1231)	Ambient Air	Jim's Music Lesson	First Floor	12/30/2022	6-Liter Summa Canister	8-hour	2,040	3.5	<0.34	<0.67	<0.15
<b>Edward Jones Financial/Wakanda African Shop (1239 Military)</b>											
AA6	Ambient Air	Edward Jones Financial	First Floor	3/4/2020	6-Liter Summa Canister	8-Hour	292	<1.07	<0.793	<0.793	<0.511
				5/20/2020	6-Liter Summa Canister	8-Hour	422	<0.36	<0.19	<0.27	<0.15
				3/4/2020	6-Liter Summa Canister	24-hour	306	<1.07	<0.793	<0.793	<0.511
AMB-Wakanda (1239)	Ambient Air	Wakanda African Shop	First Floor	12/30/2022	6-Liter Summa Canister	8-hour	216	<0.47 J	<0.33	<0.64	<0.15
<b>Former William's Taekwondo/Spa (1235 Military)</b>											
AA8	Ambient Air	Former William's Taekwondo	First Floor	3/4/2020	6-Liter Summa Canister	8-Hour	1,420 / 2,270	<1.07	<0.793	<0.793	<0.511
				4/2/2020	6-Liter Summa Canister	30-minute	805	<0.43	<0.37	<0.48	<0.21
				5/20/2020	6-Liter Summa Canister	8-Hour	408	<0.53	<0.28	<0.63	<0.23
SSV6	Sub-slab	Former William's Taekwondo	First Floor	3/4/2020	6-Liter Summa Canister	24-hour	6,220	<13.4	<8.91	<8.91	<6.39
AMB-Spa (1235)	Ambient Air	East Spa	First Floor	12/30/2022	6-Liter Summa Canister	8-hour	959	2.0	<0.32	<0.62	<0.14
<b>One-Hour Martintizing</b>											
SSV1	Sub-slab	One-Hour Martintizing	First Floor	3/4/2020	6-Liter Summa Canister	24-hour	6,350	79.30	45.2	<8.91	<6.39
<b>Outdoors Near Vent</b>											
AA7	Ambient Air	Outdoor Near Vent	Outdoors	3/4/2020	6-Liter Summa Canister	8-hour	23	<1.07	<0.793	<0.793	<0.511
		Residential Indoor Air VAL <sup>1</sup>				ug/m <sup>3</sup>	43	2.1	NE	NE	1.7
		Residential Sub-slab Vapor/Soil Gas VRSL <sup>2</sup>				ug/m <sup>3</sup>	1,400	70	NE	NE	97
		Small Commercial Building Indoor Air VAL <sup>1</sup>				ug/m <sup>3</sup>	190	8.8	NE	NE	28
		Small Commercial Building Sub-slab Vapor/Soil Gas VRSL <sup>4</sup>				ug/m <sup>3</sup>	6,000	290	NE	NE	830
		Large Commercial/Industrial Building Indoor Air VAL <sup>1</sup>				ug/m <sup>3</sup>	180	8.8	NE	NE	28
		Large Commercial/Industrial Building Sub-slab Vapor/Soil Gas VRSL <sup>3</sup>				ug/m <sup>3</sup>	18,000	880	NE	NE	2,800

**Notes:**

Results expressed in micrograms per cubic meter (ug/m<sup>3</sup>)  
 VAL = Vapor Action Limit  
 VRSL = Vapor Risk Screening Level  
 NE = A VAL or VRSL have not been established for this parameter  
 CVOCs = Chlorinated Volatile Organic Compounds  
 J = Estimated concentration at or above the limit of detection (LOD) and below the Limit of Quantitation (LOQ)  
 \* = Indicates not detected at or above the limit of detection (LOD)  
 - = Indicates standard not established, not calculated, not available, or not analyzed  
<sup>1</sup> VAL given as the lesser of 1:100,000 lifetime cancer risk or noncancer hazard index of 1 value in generic U.S. EPA Tables at the web address: [http://www.epa.gov/nhmd/risk/human/rb-concentratio\\_table/Generic\\_Tables/index.htm](http://www.epa.gov/nhmd/risk/human/rb-concentratio_table/Generic_Tables/index.htm) and modified for Wisconsin Vapor Intrusion Guidance PUB-RR-800 [lifetime cancer risk (1:100,000) (Nov 2017)]  
<sup>2</sup> VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.03 for comparison with the analytical results.  
<sup>3</sup> VRSL is the VAL adjusted for sub-slab vapor to indoor air by applying an attenuation factor of 0.01 for comparison with analytical results.  
<sup>4</sup> Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs) from 29 CFR 1910.1000.2-Z-2 Table 302 FR 42018, August 4, 1997) as amended (71 FR 30009, June 23, 2006). OSHA entries for beryllium and beryllium compounds from 82 FR 2470, January 9, 2017. PELs are 8-hour time weighted averages (TWAs) unless otherwise indicated. OSHA enforces these limits under section 5(a)(2) of the OSH Act. In addition to the values listed in this table, the Z tables in 29 CFR 1910.1000 list skin absorption designations.  
 Sampled by GEI in March 2020 and May 2020 performed on behalf of Innovative Properties  
 Sampled by SCS Engineers in April 2020 performed on behalf of EPA  
 Previous consultants focused their vapor reports tables on CVOCs. Other constituents were detected above their LODs, however, they were all detected below a VAL or VRSL.  
 Sampled by Terracon in July 2021  
**Bold** - Exceedance of Residential Indoor Air VAL  
**Italicized** - Exceedance of Small-Commercial Building Indoor Air VAL  
**Underlined** - Exceedance of Large Commercial/Industrial Building Indoor Air VAL  
**Blue Shaded values** indicate exceedance of applicable residential VRSLs (sub-slab)  
**Brown Shaded values** indicate exceedance of applicable small commercial VRSLs (sub-slab)  
**Red Shaded values** indicate exceedance of applicable Large commercial building VRSLs (sub-slab)