

From: Michalets, Linda M - DNR
Sent: Tuesday, February 07, 2023 10:40 AM
To: Kevin Hedinger; James Drought (James.Drought@gza.com)
Cc: Martinez, Joseph J - DNR
Subject: 1422 N Vel R Phillips Ave vapor data
Attachments: 2022 12 Air Sampling March - December.pdf

Hi Jim and Kevin,

Attached is the latest table of vapor data collected at the 1422 building by Church and/or DHS, which was sent to me by Curtis Hedman, DHS. I don't know when an accompanying report will be submitted to give the data more context. As you can see, though, concentrations have increased quite bit from November to December 2022, such that the TCE VAL is exceeded again. In talking to Kevin this morning, I understand that Milwaukee Plating is having the TCE degreaser repaired. Please let me know what actions being taken to reduce TCE emissions at the facility and actions Milwaukee Plating will take to verify that the degreaser is repaired and that emissions are effectively mitigated.

Thank you,
Linda

We are committed to service excellence.

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

Linda Michalets

she/her/hers

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Trichlorethylene (TCE) Air Vapor Levels
1422 N. Vel R. Phillips Avenue

Sampling Dates	3/3 - 3/15	3/18 - 4/1	3/18 - 4/1	4/19 - 4/30	6/6 - 6/16	7/9 - 7/19	7/27	7/20 - 7/27	7/20 - 8/3	8/26 - 9/5	9/27 - 10/7	11/1 - 11/11	12/5 - 12/15
Sampling Duration	10 Days	14 Days	14 Days	10 Days	10 Days	10 Days	8 Hours	7 Days	14 Days	10 Days	10 Days	10 Days	10 Days
Testing Laboratory	AT	WOH	Beacon	AT	AT	AT	WOH	WOH	WOH	AT	AT	AT	AT
Outside - Alley	---	67.0	57.5	89.2	104.0	91.4	302.0	380.0	210.0	124.0	68.8	46.5	57.9
Outside - (Back or SE Corner of Bldg)	---	2.0	2.0	---	---	---	---	---	6.2	---	---	---	---
Basement - Center Corridor (Further Back)	17.5	17.0	---	---	---	---	4.4	12.0	11.0	---	---	---	---
Basement - Print Cage (Slot Vents)	---	27.0	39.9	42.6	15.4	16.6	9.0	12.0	16.0	16.9	12.6	10.9	39.1
1st Flr - NW Office (Near Entrance)	6.1	15.0	20.5	23.9	8.0	9.0	4.3	7.0	6.3	5.0	5.5	4.3	26.5
1st Flr - Gallery (Near Keyboard)	9.1	16.0	22.5	20.5	7.5	8.0	2.1	7.2	6.7	5.7	5.8	4.6	20.1
1st Flr - Rear Cage	10.6	---	---	17.1	9.0	8.8	---	---	---	6.8	5.4	4.7	19.6
1st Flr - West Stair Exit Door	---	---	---	190.0	31.6	32.1	---	---	---	20.9	12.6	20.7	93.9
2nd Flr - Mother's Room (Near Stairs)	6.3	15.0	19.2	20.3	7.2	8.0	5.0	6.1	4.8	6.2	5.1	3.8	17.0
2nd Flr - Nursery	7.2	---	---	15.6	6.7	7.8	---	---	---	6.7	5.3	4.7	13.1
2nd Flr - East Conf Room (Further Back)	7.7	15.0	18.5	16.6	6.0	6.6	4.5	6.1	4.6	8.0	4.8	4.0	11.5
Rooftop - 1st Flr Rooftop HVAC	---	8.25	---	2.9	3.1	6.5	---	---	---	<2.0	10.7	<2.0	8.1

Notes:

TCE Quantity reported in Micrograms per Cubic Meter (ug/m3)

Wisconsin DNR Indoor Air Vapor Action Level (VAL) for small commercial buildings is 8.8 ug/m3. Immediate Action Criteria for Indoor Air = 3 x VAL

Sample locations in parantheses are Wisconsin Department of Health Services (WDHS) descriptions

AT = Assay Technology Laboratory

WOH = State of Wisconsin Occupational Health Laboratory

Beacon = Beacon Environmental Laboratory