

**From:** Hedman, Curtis J - DHS  
**Sent:** Thursday, May 19, 2022 4:30 PM  
**To:** Martinez, Joseph J - DNR; Michalets, Linda M - DNR  
**Cc:** Walden, James E -DNR; Schmidt, Lindor  
**Subject:** FW: Update for 1422 N Vel R Phillips Ave Project  
**Attachments:** CCM Air Sampling March - April 2022.pdf; 2022050089 Assay Tech-CCM 05-09-22.pdf

Good Afternoon All -

George Beyer shared additional passive sampling results from a church led April sampling event as well as a combined summary he had prepared from the last three sampling events (Notes: (1) WOH = Wisconsin Occupational Health, results are in ug/m3 (not mg/m3), (2) DHS didn't do a rooftop sample Mar 18 - Apr 1, so the 8.25 ug/m3 result listed may have been from another previous church led sampling event, (4) my conversions from ppm to ug/m3 are a bit different from what George reported in the attached summary table). Per a phone conversation with Mr. Beyer yesterday, the church plans on performing another passive sampling event during the first week of June. Feel free to reach out with any comments or questions.

Curtis

Curtis Hedman, Ph.D.  
Research Scientist-Toxicologist  
Bureau of Environmental and Occupational Health  
Division of Public Health, Wisconsin Department of Health Services  
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**From:** George Beyer <[george@christchurchmke.org](mailto:george@christchurchmke.org)>  
**Sent:** Thursday, May 19, 2022 3:52 PM  
**To:** Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>  
**Subject:** Re: Update for 1422 N Vel R Phillips Ave Project

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Hi Curtis,

Attached is the lab report from Assay Technology for the passive air samples Christ Church Milwaukee collected April 19 - April 30.

Also attached is my table integrating the WDHS testing and locations with our samples and descriptions.

Please let me know if you have any questions or comments, thanks!

George  
(262) 271-6040

On Wed, May 18, 2022 at 1:31 PM Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)> wrote:

Good afternoon George,

Following up from my voice mail. I had a call earlier today with DNR staff working with Milwaukee Plating and have some updates to share when you have a chance to call.

Talk soon,

Curtis

Curtis Hedman, Ph.D.

Research Scientist-Toxicologist

Bureau of Environmental and Occupational Health

Division of Public Health, Wisconsin Department of Health Services

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Customer: CHRIST CHURCH MILWAUKEE  
 Attention: GEORGE BEYER  
 Address: 1422 N VEL R PHILLIPS AVE  
 MILWAUKEE, WI 53212  
 USA

Lab Work Order: 2022050089

Customer No.: 64133  
 Received Date: May 04, 2022  
 Date Reported: May 09, 2022

Project ID: 1422 VEL PHILLIPS

Phone No.: (262) 271-6040  
 Fax No.:

PO No.:

Exposure results are the average concentration for the period of time monitored. '<' means the result is 'less than the RptLmt'. RptLmt = Reporting Limit. The results relate only to the items tested. Unless noted below, samples were received in acceptable condition, all applicable quality control were within method specifications, lab blanks were subtracted before a result was reported, and any customer supplied field blanks were not subtracted from sample results. The molar volume at 25 C (24.45 L/mole) was used to calculate parts per million, ppm. Air concentrations reported are based upon field sampling information provided by the customer. For assistance with the content of this report, please visit the Customer Support section of our web site at <http://www.assaytech.com> or contact Technical Support at 1-800-833-1258. For details of significant method modifications go to [www.assaytech.com/method](http://www.assaytech.com/method).

Lab Sample ID	Lab Code	Date Sampled	Client Sample ID	Media	Media Lot / Serial #	Analytes Requested	Quantity Found			Sample		Concentration	
							Total	RptLmt	Units	Vol. (L)	Time (min)	Found	Units
22016569	ATOH	04/19/2022	OUTDOOR-ALLEY	525	1B22 - PR03707	TRICHLOROETHYLENE	89.2	2.0	UG	1140	15655	0.015	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016570	ATOH	04/19/2022	SECOND FLOOR-NURSERY	525	1B22 - PR01905	TRICHLOROETHYLENE	15.6	2.0	UG	1140	15697	0.0025	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016571	ATOH	04/19/2022	SECOND FLOOR-MOTHER'S ROOM	525	1B22 - PR01708	TRICHLOROETHYLENE	20.3	2.0	UG	1140	15700	0.0033	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016572	ATOH	04/19/2022	OUTDOOR-ROOF TOP UNIT#1	525	1B22 - PR05988	TRICHLOROETHYLENE	2.92	2.0	UG	1150	15738	0.00047	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016573	ATOH	04/19/2022	SECOND FLOOR-EAST CONFERENCE ROOM	525	1B22 - PR02321	TRICHLOROETHYLENE	16.6	2.0	UG	1140	15702	0.0027	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016574	ATOH	04/19/2022	FIRST FLOOR-GALLERY SOUTH SIDE CENTER	525	1B22 - PR03610	TRICHLOROETHYLENE	20.5	2.0	UG	1140	15658	0.0033	PPM

Customer: CHRIST CHURCH MILWAUKEE  
Attention: GEORGE BEYER  
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MILWAUKEE, WI 53212  
USA

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							Total	RptLmt	Units	Vol. (L)	Time (min)	Found	Units
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016576	ATOH	04/19/2022	FIRST FLOOR-WEST STAIR EXIT TO ALLEY	525	1B22 - PR03688	TRICHLOROETHYLENE	190	2.0	UG	1140	15663	0.031	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016578	ATOH	04/19/2022	FIRST FLOOR-NW CORNER OFFICE	525	1B22 - PR03726	TRICHLOROETHYLENE	23.9	2.0	UG	1140	15682	0.0039	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016587	ATOH	04/19/2022	BASEMENT-PRINTING WORK ROOM CAGE	525	1B22 - PR01852	TRICHLOROETHYLENE	42.6	2.0	UG	1140	15664	0.0069	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				
22016590	ATOH	04/19/2022	FIRST FLOOR-NE REAR CAGE	525	1B22 - PR03800	TRICHLOROETHYLENE	17.1	2.0	UG	1140	15689	0.0028	PPM
Analyzed By: MWAGNER			Analyzed On: 5/5/2022			Approved By: KTAYLOR			Approved On: 5/9/2022				

Method References:

TestCode	Analytes Requested	Method Reference	Regulatory Agency	TWA Limit	STEL Limit	Exposure Units
79016A	TRICHLOROETHYLENE	AT L-OV (GC/FID)	OSHA PEL/CEILING	100	200	PPM

Applicable OSHA PELs or NIOSH RELS have been included in this lab report for guidance, but may not be sufficient for regulatory compliance. Clients should be aware that more stringent international, state, local, or organizational exposure limits may supersede the limits included with this report. Visit [www.OSHA.gov/dsg/annotated-pels](http://www.OSHA.gov/dsg/annotated-pels) for detailed information on exposure limits and OSHA policies.

**Customer:** CHRIST CHURCH MILWAUKEE

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							Total	RptLmt	Units	Vol. (L)	Time (min)	Found



S. Green - Laboratory Director



K. Taylor - Ohio Supervisor

### Trichlorethylene Air Vapor Levels

1422 N. Vel R. Phillips Avenue

Sampling Period	March 3 - March 15	March 18 - April 1	April 19 - April 30
Testing Laboratory	AT	WOH	AT
Outside - Alley	---	67.0	89.2
Outside - (SE Corner of Bldg)	---	2.0	---
Basement - Center Corridor (East)	17.5	17.0	---
Basement - Print Cage (Slot Vents)	---	27.0	42.6
1st Flr - NW Office (Lobby)	6.1	15.0	23.9
1st Flr - Gallery (Near Keyboard)	9.1	16.0	20.5
1st Flr - Rear Cage	10.6	---	17.1
1st Flr - West Stair Exit Door	---	---	190.0
2nd Flr - Mother's Room (Near Stairs)	6.3	15.0	20.3
2nd Flr - Nursery	7.2	---	15.6
2nd Flr - East Conf Room (Further Back)	7.7	15.0	16.6
Rooftop - 1st Flr Rooftop HVAC	---	8.25	2.9

Notes:

TCE Quantity reported in Milligrams per Cubic Meter

Sample locations in parantheses are WDHS descriptions