

From: George Beyer <george@christchurchmke.org>
Sent: Wednesday, February 14, 2024 12:14 PM
To: Michalets, Linda M - DNR
Subject: Re: Christ Church Bldg Operations and Milwaukee Plating
Attachments: 2024011052 Assay Tech-CCM 01-22-24.pdf

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hello Linda,

Getting back to you with answers to your questions -- thank you for your patience!

We do not change building operations when air sampling is conducted by Milwaukee Plating or Christ Church.

The rooftop HVAC units operate in "occupied" mode 8:00 AM to 8:00 PM seven days a week, in "unoccupied" mode 8:00 PM to 8:00 AM seven days a week. When in occupied mode, the outside air intake dampers open to bring in fresh air for ventilation, in unoccupied mode, the outside air dampers remain closed.

The portable carbon filter units and air scrubber are still in use.

A couple of things have changed since September 2022:

1) Carbon filters are not installed in the rooftop unit filter sections, they were replaced with standard filters mid-2023. We made the change because TCE levels at the rooftop air intakes were consistently below levels detectable by the passive air samplers, and the carbon filters were likely to be ineffective at VOC removal because of the high velocity of the air moving across the filters at the rooftop intakes.

2) The furnace located in the basement has been inoperable since February 2023 and we have elected not to repair or replace it because we are only using the basement for storage. When in operation, this furnace drew combustion air from the west end of the alley between our building and the Milwaukee Plating building -- this location may have the highest concentration of TCE vapor. If we put this unit back in operation, the combustion air venting will be modified to a "sealed combustion" type system, which will not bring any outside air into the basement. TCE levels have been declining in our basement, and it may well be due to this inoperable furnace.

With these exceptions, all operations remain the same as previously reported.

I have attached the lab report from our January 2024 TCE sampling period. We will continue to conduct testing quarterly unless the sampling data indicates more frequent testing may be needed.

George
(262) 271-6040

On Fri, Feb 2, 2024 at 8:51 AM Michalets, Linda M - DNR <Linda.Michalets@wisconsin.gov> wrote:

Hi George!

Thanks for getting back to me. Enjoy your travels!

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

Phone: 414-435-8010

linda.michalets@wisconsin.gov

From: George Beyer <george@christchurchmke.org>

Sent: Friday, February 02, 2024 8:49 AM

To: Michalets, Linda M - DNR <Linda.Michalets@wisconsin.gov>

Subject: Re: Christ Church Bldg Operations and Milwaukee Plating

**CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hello Linda,

I am currently traveling and will be back in Wisconsin late next week.

I will get back to you with information on our operations soon after, thanks for your patience!

George

(262) 271-6040

On Jan 31, 2024, at 11:17 AM, Michalets, Linda M - DNR
<Linda.Michalets@wisconsin.gov> wrote:

Hello George,

I am hoping that you can provide information about current HVAC operations at the Christ Church building and whether these operations are modified at all when indoor air sampling is conducted by you or Milwaukee Plating representatives. I have the building operations report that you sent me on September 1, 2022, which is very thorough and provides excellent information. That report stated that carbon filters are installed on the HVAC system, a total of 5 portable air filter units are in constant use on the 1st and 2nd floors and an air scrubber is operating continuously in the basement. Are these filtration operations still in use? Were they discontinued before and/or during indoor air sampling within the Church building in 2023?

While the indoor air sampling data looks favorable, we would like to know whether those results are influenced by air treatment that may be occurring before or during sampling events. The TCE concentrations have gone down within the alley as well, but we need to know that TCE in the alley does not pose a continuing intrusion risk to the Church building.

Thank you for your assistance with this!

Regards,

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

Hydrogeologist – Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

1027 W. St. Paul Ave.

Milwaukee, WI 53233

Phone: 414-435-8010

linda.michalets@wisconsin.gov



dnr.wi.gov



Customer: CHRIST CHURCH MILWAUKEE
 Attention: GEORGE BEYER
 Address: 1422 N VEL R PHILLIPS AVE
 MILWAUKEE, WI 53212-3802
 USA

Lab Work Order: 2024011052

Customer No.: 64133
 Received Date: January 18, 2024
 Date Reported: January 22, 2024

Project ID: 1422 VEL PHILLIPS

Phone No.: (262) 271-6040

PO No.:

Fax 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.

Lab Sample ID	Lab Code	Date Sampled	Client Sample ID	Media	Media Lot / Serial #	Analytes Requested	Quantity Found			Sample Vol. (L)	Sample Time (min)	Concentration	
							Total	RptLmt	Units			Found	Units
24002933	ATOH	Jan 2, 2024	SECOND FLOOR -NURSERY	525	8C23 - QL06210	TRICHLOROETHYLENE	3.13	2.0	UG	1160	15863	0.00050	PPM
Analyzed By: MWAGNER			Analyzed On: January 20, 2024			Approved By: KTAYLOR			Approved On: January 22, 2024				
24002934	ATOH	Jan 2, 2024	OUTDOOR- ALLEY	525	8C23 - QL06217	TRICHLOROETHYLENE	33.3	2.0	UG	1160	15863	0.0054	PPM
Analyzed By: MWAGNER			Analyzed On: January 20, 2024			Approved By: KTAYLOR			Approved On: January 22, 2024				
Sample Comments: Monitor had foreign liquid inside of badge casing.													
24002935	ATOH	Jan 2, 2024	BASEMENT - PRINT WORK ROOM CAGE	525	8C23 - QL05536	TRICHLOROETHYLENE	7.58	2.0	UG	1160	15865	0.0012	PPM
Analyzed By: MWAGNER			Analyzed On: January 20, 2024			Approved By: KTAYLOR			Approved On: January 22, 2024				
24002936	ATOH	Jan 2, 2024	FIRST FLOOR - GALLERY CENTER SOUTH	525	8C23 - QL06291	TRICHLOROETHYLENE	4.13	2.0	UG	1160	15890	0.00066	PPM
Analyzed By: MWAGNER			Analyzed On: January 20, 2024			Approved By: KTAYLOR			Approved On: January 22, 2024				
24002937	ATOH	Jan 2, 2024	FIRST FLOOR - WEST STAIR EXIT DOOR	525	8C23 - QL06396	TRICHLOROETHYLENE	7.89	2.0	UG	1160	15877	0.0013	PPM
Analyzed By: MWAGNER			Analyzed On: January 20, 2024			Approved By: KTAYLOR			Approved On: January 22, 2024				

Customer: CHRIST CHURCH MILWAUKEE
Attention: GEORGE BEYER
Address: 1422 N VEL R PHILLIPS AVE
 MILWAUKEE, WI 53212-3802
 USA

Lab Work Order: 2024011052

Customer No.: 64133
Received Date: January 18, 2024
Date Reported: January 22, 2024

Project ID: 1422 VEL PHILLIPS
PO No.:

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

Lab Sample ID	Lab Code	Date Sampled	Client Sample ID	Media	Media Lot / Serial #	Analytes Requested	Quantity Found			Sample Time (min)	Concentration	
							Total	RptLmt	Units		Vol. (L)	Found

Method References:

<u>TestCode</u>	<u>Analytes Requested</u>	<u>Method Reference</u>	<u>Regulatory Agency</u>	<u>TWA Limit</u>	<u>STEL Limit</u>	<u>Exposure Units</u>
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 for detailed information on exposure limits and OSHA policies.