

**From:** Hedman, Curtis J - DHS  
**Sent:** Tuesday, February 14, 2023 3:36 PM  
**To:** George Beyer  
**Cc:** Martinez, Joseph J - DNR; Michalets, Linda M - DNR; Schmidt, Lindor  
**Subject:** FW: WI State Lab of Hygiene - Lab Report  
**Attachments:** 662831.pdf

Good Afternoon George/All -

Please see attached for the results from the recent short-term sampling event (4-hour active charcoal tube samples) performed by DHS while the HVAC was in occupied mode on Sunday, January 29th.

Sincerely,

Curtis

Curtis Hedman, Ph.D.  
Research Scientist-Toxicologist  
Bureau of Environmental and Occupational Health Division of Public Health, Wisconsin Department of Health Services  
1 W Wilson St, Rm 150  
Madison, WI 53701

Phone: 608-266-6677  
FAX: 608-267-4853  
Cell: 608-287-4152

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-----Original Message-----

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Sent: Monday, February 13, 2023 12:36 PM  
To: Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>  
Subject: WI State Lab of Hygiene - Lab Report

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Laboratory reports are included for the following Workorders (1 report):

Workorder ID	WO	Description
CC-MILL-ST	662831	

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**Wisconsin Occupational  
Health Laboratory**

WISCONSIN STATE LABORATORY OF HYGIENE  
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive  
Madison, WI 53718  
Phone: (800) 446-0403  
Web: wohl-lab.org

AIHA LAP, LLC Laboratory ID: LAP-101070

CURTIS HEDMAN  
WI DEPT OF HEALTH SERVICES DPH-BEOH  
1 W. WILSON ST  
RM 150  
MADISON, WI 53701

**Lab Workorder ID** 662831  
**Visit/Project ID** CC-MILL-ST  
**PO** DH060  
**Received** February 2, 2023  
**Reported** February 13, 2023  
**Report ID** 10518329  
**Previous Report IDs**

Dear CURTIS HEDMAN:

Enclosed are the analytical results for sample(s) received by the laboratory on February 2, 2023. All samples/specimens received by the laboratory were acceptable for testing. Sample results were not blank corrected, and all quality control met laboratory standards unless otherwise noted in the report narrative. All results apply to the samples as received and reported concentrations were calculated with information supplied by the sample submitter.

Please contact the lab if you have any questions concerning this report.

Sincerely,

Steve Strebel, Laboratory Director

Analyst - PATRICK RILEY



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**Final Report**

Lab ID: <b>662831001</b>	Sample ID: <b>BASEMENT</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>342 M</b>

RESULT										
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration		TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	68.4 L	0.14 ug	0.25 ug	<0.14 ug	0.25 ug	0.0037 mg/m3	0.00068 ppm	

Lab ID: <b>662831002</b>	Sample ID: <b>1ST FL A</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>344 M</b>

RESULT										
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration		TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	68.8 L	0.14 ug	0.22 ug	<0.14 ug	0.22 ug	0.0032 mg/m3	0.00060 ppm	

Lab ID: <b>662831003</b>	Sample ID: <b>1ST FL B</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>346 M</b>

RESULT										
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration		TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	69.2 L	0.14 ug	0.25 ug	<0.14 ug	0.25 ug	0.0036 mg/m3	0.00067 ppm	

## Final Report

Lab ID: <b>662831004</b>	Sample ID: <b>2ND FL A</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>348 M</b>

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	RESULT				
					Front	Rear	Total	Air Concentration	TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	69.6 L	0.14 ug	0.16 ug	<0.14 ug	0.16 ug	0.0023 mg/m <sup>3</sup>	0.00043 ppm

Lab ID: <b>662831005</b>	Sample ID: <b>2ND FL B</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>345 M</b>

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	RESULT				
					Front	Rear	Total	Air Concentration	TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	69.0 L	0.14 ug	0.15 ug	<0.14 ug	0.15 ug	0.0022 mg/m <sup>3</sup>	0.00040 ppm

Lab ID: <b>662831006</b>	Sample ID: <b>OUTDOOR</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time: <b>336 M</b>

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	RESULT				
					Front	Rear	Total	Air Concentration	TWA
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023	67.2 L	0.14 ug	0.59 ug	<0.14 ug	0.59 ug	0.0088 mg/m <sup>3</sup>	0.0016 ppm

## Final Report

Lab ID: <b>662831007</b>	Sample ID: <b>FIELD BLANK</b>	Media: <b>Charcoal tube, small</b>
Sampling Date:	Matrix: <b>Air</b>	Sampled Time:

Analyte	Method	Analysis Date	Air Volume	Reporting Limit	RESULT			Air Concentration	TWA
					Front	Rear	Total		
Trichloroethene	NIOSH 1500/1501 and OSHA 5000	2/10/2023		0.14 ug	<0.14 ug	<0.14 ug	<0.14 ug	n/a	n/a

**Abbreviations:**

mg = milligrams                      ppm or ppmv = parts per million                      /m3 = per cubic meter  
 ug = micrograms                      ppb or ppbv = parts per billion                      ng = nanograms  
 < Less Than. The analyte, if present, is at a level too low to be accurately quantitated by the method used

Displayed values on report have been rounded to 2 significant figures. Please contact the laboratory if you have any questions regarding our result calculation or rounding. All samples were received by the laboratory in acceptable condition unless otherwise noted.

The results in this report apply only to the samples, specifically listed above, and tested at the Wisconsin Occupational Health Laboratory

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### End of Analytical Report