

From: Hedman, Curtis J - DHS
Sent: Monday, April 13, 2020 12:57 PM
To: Schultz, Josie M - DNR; Borski, Jennifer - DNR
Cc: Chronert, Roxanne N - DNR
Subject: RE: One Hour Martinizing 02-05-217270 - sample results after air filtration still high

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Josie,

Nice speaking with you earlier. To recap our conversation, results are still above the Small Commercial VAL for PCE, but;

1. Store is open for limited hours and by appointment only (not a full 8 hour/day workplace exposure scenario);
2. Steps are currently being taken to close off identified areas that are potential sources of PCE entry (open sump, beam through foundation opening to soil);
3. Bank is taking over responsibility for mitigation and moving toward mitigation system installation;
4. More samples have been taken with regular TAT and we are awaiting results;

I recommend continuing to review pending air sampling data as it is made available and make sure plans for mitigation system installation are moving forward. Additional indoor air sample data may inform us as to whether the air filtration unit is better able to reduce PCE levels after potential source areas are capped off. You or Jenna can feel free to contact me to further discuss whether or not to ask for an additional indoor air sampling event.

Best regards,

Curtis

Curtis Hedman, Ph.D.
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

NOTICE: This E-mail and any attachments may contain confidential information. Use and further disclosure of the information by the recipient must be consistent with applicable laws, regulations and agreements. If you received this E-mail in error, please notify the sender; delete the E-mail; and do not use, disclose or store the information it contains.

From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Monday, April 13, 2020 10:14 AM
To: Borski, Jennifer - DNR <Jennifer.Borski@wisconsin.gov>; Hedman, Curtis J - DHS <Curtis.Hedman@dhs.wisconsin.gov>
Cc: Chronert, Roxanne N - DNR <Roxanne.Chronert@wisconsin.gov>
Subject: One Hour Martinizing 02-05-217270 - sample results after air filtration still high
Importance: High

Hi Jenna & Curtis,

I received the post-filtration sampling results for Jim's Music's retail area, and it appears that concentrations have slightly increased (keeping in mind that these are 30-min vs. 8-hr samples).

Retail Area (AA1) results from March – 338 ug/m³
Retail Area results after filtration – 365 ug/m³

Based on these results, do we ask the bank/GEI to take another sample (8 hours) and/or place a different air filtration unit in the store? Through Northshore, this unit costs \$100/day to rent + \$610 for delivery and pickup. I currently have an email out to Northshore asking what type of filter is in the air treatment unit.

Thanks,
Josie

We are committed to service excellence.

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

Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team
Wisconsin Department of Natural Resources
2984 Shawano Avenue, Green Bay, WI 54313-6727
Phone: 920-662-5424
Cell: 920-366-5685
Josie.Schultz@Wisconsin.gov



dnr.wi.gov
f t v y r

From: Oelkers, Eric <EOelkers@scsengineers.com>
Sent: Thursday, April 9, 2020 5:24 PM
To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Cc: Langdon, Robert <RLangdon@scsengineers.com>
Subject: FW: Preliminary Report: 25218191 OHM-Green Bay (10514082)

Hi Josie,

The preliminary lab report is attached, with results for the "Showroom (2)" sample – Jim's Music front sales desk with the air filtration unit "running" as well as the "Basement Office" sample - from the office

area in the basement of Jim's Music under ambient conditions. [We only requested expedited turn on the Showroom (2) sample. I don't know why the lab reported the basement office sample on a quick turn.]

Unfortunately, both new lab results for PCE appear to be greater than those reported for the previous corresponding samples collected in early March of this year. Keep in mind that our samples were 30 minute samples and I think the previous samples may have been 8-hour samples.

We will update the memo after we receive the complete lab report.

Regards,

Eric Oelkers, PG*
Senior Project Manager / Hydrogeologist
SCS Engineers
2830 Dairy Drive
Madison, WI 53718-6751 USA
608-216-7341 (W)
608-444-3934 (C)
eoelkers@scsengineers.com
*Licensed in WI

Driven by Client Success
www.scsengineers.com

From: Kirsten Hogberg <Kirsten.Hogberg@pacelabs.com>
Sent: Thursday, April 9, 2020 4:35 PM
To: Oelkers, Eric <EOelkers@scsengineers.com>
Cc: Langdon, Robert <RLangdon@scsengineers.com>
Subject: Preliminary Report: 25218191 OHM-Green Bay (10514082)

===== This message originated outside of SCS Engineers =====

Good afternoon,

A preliminary report including results for Showroom (2) is now attached. The remaining samples are scheduled to complete by 4/14.

Let me know should you have any questions.

Thank you,


Kirsten Hogberg

Project Manager | Environmental Sciences
1700 Elm St. SE Suite 200 Minneapolis, MN 55414
D: 612.607.6407 | M: 612.607.1700 | pacelabs.com



NOTICE-- The contents of this email and any attachments may contain confidential, privileged, and/or legally protected information and are for the sole use of the addressee(s). Any review or distribution by others is strictly prohibited. If you are not the intended recipient, please contact the sender immediately and delete any copies.

 Please consider the environment before printing this email

From: Jay VanGelder <jayv@nsecinc.com>
Sent: Monday, April 13, 2020 10:13 AM
To: Schultz, Josie M - DNR
Cc: Oelkers, Eric
Subject: RE: Gasmeter FTIR Sample Results

Hi Josie,

There are two filters in that negative air unit. There is a standard hepa pre filter followed by a carbon filter. It's set up just like any standard air purifier, just a much higher capacity unit.

Thanks,

Jason VanGelder
Project Manager
North Shore Environmental Construction, Inc.
N117W18493 Fulton Drive | Germantown, WI 53022
Office (262) 255-4468 | Cell (518) 859-0933 | Fax (262) 255-6993
www.nsecinc.com



From: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>
Sent: Monday, April 13, 2020 9:31 AM
To: Jay VanGelder <jayv@nsecinc.com>
Cc: Oelkers, Eric <EOelkers@scsengineers.com>
Subject: RE: Gasmeter FTIR Sample Results

Hi Jay,

I received the vapor sampling results after the air treatment unit ran for 24 hours and it appears that concentrations in air haven't decreased. Could you please let me know what type of filter is being utilized.

Thank you,
Josie

We are committed to service excellence.

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

Josie M. Schultz

Hydrogeologist – Northeast Region Remediation and Redevelopment Team

Wisconsin Department of Natural Resources

2984 Shawano Avenue, Green Bay, WI 54313-6727

Phone: 920-662-5424

Cell: 920-366-5685

Josie.Schultz@Wisconsin.gov



dnr.wi.gov



From: Jay VanGelder <jayv@nsecinc.com>

Sent: Friday, April 3, 2020 9:37 AM

To: Schultz, Josie M - DNR <josie.schultz@wisconsin.gov>

Cc: Oelkers, Eric <EOelkers@scsengineers.com>

Subject: Gasmeter FTIR Sample Results

Hi Josie,

Here are the sample results from Jim's Music in Green Bay. Please let me know if you have any questions.

Thanks.

Jason VanGelder

Project Manager

North Shore Environmental Construction, Inc.

N117W18493 Fulton Drive | Germantown, WI 53022

Office (262) 255-4468 | Cell (518) 859-0933 | Fax (262) 255-6993

www.nsecinc.com



From: Oelkers, Eric <EOelkers@scsengineers.com>
Sent: Thursday, April 9, 2020 5:24 PM
To: Schultz, Josie M - DNR
Cc: Langdon, Robert
Subject: FW: Preliminary Report: 25218191 OHM-Green Bay (10514082)
Attachments: 10514082_fr_draft.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Josie,

The preliminary lab report is attached, with results for the "Showroom (2)" sample – Jim's Music front sales desk with the air filtration unit "running" as well as the "Basement Office" sample - from the office area in the basement of Jim's Music under ambient conditions. [We only requested expedited turn on the Showroom (2) sample. I don't know why the lab reported the basement office sample on a quick turn.]

Unfortunately, both new lab results for PCE appear to be greater than those reported for the previous corresponding samples collected in early March of this year. Keep in mind that our samples were 30 minute samples and I think the previous samples may have been 8-hour samples.

We will update the memo after we receive the complete lab report.

Regards,

Eric Oelkers, PG*
Senior Project Manager / Hydrogeologist
SCS Engineers
2830 Dairy Drive
Madison, WI 53718-6751 USA
608-216-7341 (W)
608-444-3934 (C)
eoelkers@scsengineers.com
*Licensed in WI

Driven by Client Success
www.scsengineers.com

From: Kirsten Hogberg <Kirsten.Hogberg@pacelabs.com>
Sent: Thursday, April 9, 2020 4:35 PM
To: Oelkers, Eric <EOelkers@scsengineers.com>
Cc: Langdon, Robert <RLangdon@scsengineers.com>
Subject: Preliminary Report: 25218191 OHM-Green Bay (10514082)

===== This message originated outside of SCS Engineers =====

Good afternoon,

A preliminary report including results for Showroom (2) is now attached. The remaining samples are scheduled to complete by 4/14.

Let me know should you have any questions.

Thank you,



Kirsten Hogberg

Project Manager | Environmental Sciences

1700 Elm St. SE Suite 200 Minneapolis, MN 55414

D: 612.607.6407 | M: 612.607.1700 | pacelabs.com



NOTICE-- The contents of this email and any attachments may contain confidential, privileged, and/or legally protected information and are for the sole use of the addressee(s). Any review or distribution by others is strictly prohibited. If you are not the intended recipient, please contact the sender immediately and delete any copies.

 Please consider the environment before printing this email

April 09, 2020

Eric Oelkers
SCS Engineers
2830 Dairy Drive
Madison, WI 53718

RE: Project: 25218191 OHM-Green Bay
Pace Project No.: 10514082

Dear Eric Oelkers:

Enclosed are the analytical results for sample(s) received by the laboratory on April 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Rob Langdon, SCS Engineers



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #: 74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 25218191 OHM-Green Bay
Pace Project No.: 10514082

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10514082001	Unit 1235	Air	04/02/20 15:44	04/07/20 10:00
10514082002	Unit 1231 (up)	Air	04/02/20 15:52	04/07/20 10:00
10514082003	Showroom	Air	04/02/20 16:03	04/07/20 10:00
10514082004	Basement Office	Air	04/02/20 15:55	04/07/20 10:00
10514082005	Showroom (2)	Air	04/03/20 14:03	04/07/20 10:00
10514082006	Unused	Air		04/07/20 10:00

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10514082004	Basement Office	TO-15	NCK	5	PASI-M
10514082005	Showroom (2)	TO-15	NCK	5	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10514082004	Basement Office					
TO-15	cis-1,2-Dichloroethene	1.4J	ug/m3	1.4	04/08/20 15:26	
TO-15	Tetrachloroethene	1230	ug/m3	36.2	04/09/20 11:57	
TO-15	Trichloroethene	3.6	ug/m3	0.96	04/08/20 15:26	
10514082005	Showroom (2)					
TO-15	cis-1,2-Dichloroethene	0.65J	ug/m3	1.2	04/08/20 16:26	
TO-15	Tetrachloroethene	365	ug/m3	1.1	04/08/20 16:26	
TO-15	Trichloroethene	1.9	ug/m3	0.85	04/08/20 16:26	

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

Sample: Basement Office									
		Lab ID: 10514082004	Collected: 04/02/20 15:55		Received: 04/07/20 10:00		Matrix: Air		
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
cis-1,2-Dichloroethene	1.4J	ug/m3	1.4	0.38	1.75		04/08/20 15:26	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/m3	1.4	0.50	1.75		04/08/20 15:26	156-60-5	
Tetrachloroethene	1230	ug/m3	36.2	16.5	52.5		04/09/20 11:57	127-18-4	
Trichloroethene	3.6	ug/m3	0.96	0.44	1.75		04/08/20 15:26	79-01-6	
Vinyl chloride	<0.22	ug/m3	0.46	0.22	1.75		04/08/20 15:26	75-01-4	

Sample: Showroom (2)									
		Lab ID: 10514082005	Collected: 04/03/20 14:03		Received: 04/07/20 10:00		Matrix: Air		
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
cis-1,2-Dichloroethene	0.65J	ug/m3	1.2	0.34	1.55		04/08/20 16:26	156-59-2	
trans-1,2-Dichloroethene	<0.44	ug/m3	1.2	0.44	1.55		04/08/20 16:26	156-60-5	
Tetrachloroethene	365	ug/m3	1.1	0.49	1.55		04/08/20 16:26	127-18-4	
Trichloroethene	1.9	ug/m3	0.85	0.39	1.55		04/08/20 16:26	79-01-6	
Vinyl chloride	<0.20	ug/m3	0.40	0.20	1.55		04/08/20 16:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

QC Batch: 668916

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10514082004, 10514082005

METHOD BLANK: 3585994

Matrix: Air

Associated Lab Samples: 10514082004, 10514082005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	04/08/20 08:52	
Tetrachloroethene	ug/m3	<0.31	0.69	04/08/20 08:52	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	04/08/20 08:52	
Trichloroethene	ug/m3	<0.25	0.55	04/08/20 08:52	
Vinyl chloride	ug/m3	<0.13	0.26	04/08/20 08:52	

LABORATORY CONTROL SAMPLE: 3585995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	41.6	43.8	105	70-132	
Tetrachloroethene	ug/m3	71	73.1	103	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	43.4	103	70-132	
Trichloroethene	ug/m3	56.3	56.8	101	70-132	
Vinyl chloride	ug/m3	26.7	28.2	106	68-141	

SAMPLE DUPLICATE: 3586550

Parameter	Units	10514082005 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	0.65J	0.65J		25	
Tetrachloroethene	ug/m3	365	354	3	25	
trans-1,2-Dichloroethene	ug/m3	<0.44	<0.44		25	
Trichloroethene	ug/m3	1.9	1.9	3	25	
Vinyl chloride	ug/m3	<0.20	<0.20		25	

SAMPLE DUPLICATE: 3586551

Parameter	Units	10514082004 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	1.4J	1.4J		25	
Tetrachloroethene	ug/m3	1230	1190	4	25	
trans-1,2-Dichloroethene	ug/m3	<0.50	<0.50		25	
Trichloroethene	ug/m3	3.6	4.0	9	25	
Vinyl chloride	ug/m3	<0.22	<0.22		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 25218191 OHM-Green Bay

Pace Project No.: 10514082

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25218191 OHM-Green Bay
Pace Project No.: 10514082

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10514082004	Basement Office	TO-15	668916		
10514082005	Showroom (2)	TO-15	668916		

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.