

From: Beggs, Tauren R - DNR
To: [Don Brittnacher \(Don.Brittner@omni.com\)](mailto:Don.Brittner@omni.com)
Cc: "John Emery"
Subject: Indoor Air Results for 109 Steele Street Apartment Complex
Date: Tuesday, January 03, 2017 3:32:00 PM
Attachments: [wslh_final_294203_56697.pdf](#)
[109 Steel St Algoma-final.pdf](#)
[Indoor Air Sampling Memo Dec 2016.pdf](#)
[Basement Condition Memo Dec 2016.pdf](#)
[RE Vapor sampling quote for apartment building east of Allyn property.msg](#)

Hi Don,

I received the indoor air results today for sample location IA-1 (first floor apt #1) and IA-5 (second floor apt #5), which I have relayed to the property owner and property manager for the 109 Steele Street apartment complex. Good news is that concentrations of the dry cleaning related contaminants (trichloroethene (TCE) and tetrachloroethene (PCE)) in the indoor air were below the vapor action levels (VALs), meaning there is not an immediate risk for the residents in the apartment complex. There were however TCE and PCE detected in the air samples at low concentrations. For comparison purposes to the lab results the following are the VALs for:

- PCE: 6.2 parts per billion by volume (ppbv)
- TCE: 0.39 ppbv

Summary of Lab Results:

- IA-1 detected PCE at 0.11 ppbv and TCE at 0.087 ppbv < VALs
- IA-5 only detected PCE at 0.41 ppbv < VAL

For your records, attached is the letter DHS and I provided to the property manager to relay vapor intrusion information to the tenants. Also attached is the indoor air sampling memo documenting the sampling in the apartment units and the basement condition memo documenting my walkthrough. I revised the basement condition memo to incorporate your comments regarding the drain for the boiler blow-out water. The last attachment is my recommendations after review of Sigma's vapor sampling quote that you sent to me.

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

Thanks,

We are committed to service excellence.

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

Tauren R. Beggs

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dnr.wi.gov



From: WILabReport@slh.wisc.edu
To: [Beggs, Tauren R - DNR](#)
Subject: Laboratory Results
Date: Tuesday, January 03, 2017 9:41:33 AM
Attachments: [wslh_final 294203 56697.PDF](#)

The following reports are attached:

CCF# SampleID IA-5 LabID 294203002

--- End Of List ---



Wisconsin State Laboratory of Hygiene
 2601 Agriculture Drive, PO Box 7996
 Madison, WI 53707-7996
 (800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Peter Shult, Ph.D., Interim Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 294203001

Report To:
 TAUREN BEGGS
 DNR

Invoice To:
 DEPARTMENT OF HEALTH

Customer ID: DH060

Field #: IA-1
 Project No: ALLYN PROPERTY
 Collection End: 12/22/2016 8:39:00 AM
 Collection Start: 12/22/16 1007
 Collected By: TAUREN BEGGS
 Date Received: 12/27/2016
 Date Reported: 1/3/2017
 Sample Reason:

ID#: _____
 Sample Location:
 Sample Description:
 Sample Type: AI-INDOOR AIR
 Waterbody:
 Point or Outfall:
 Sample Depth:
 Program Code:
 Region Code:
 County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 12/28/16 Analysis Date 12/28/16					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	0.087F	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	0.11F	ppbv	0.085	0.28
1,2-Dichloroethane	EPA TO-15	ND	ppbv	0.085	0.28

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID: WI00007

WI DATCP ID: 105-415

WSLH Sample: 294203001

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

This Laboratory Report shall not be reproduced except in full, without written approval of the laboratory.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: Al Spallato, Lab Manager, 608-224-6269

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Environmental Toxicology: Tracy Hanke, Lab Manager, 608-224-6270



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D.F. Kurtycz, M.D., Medical Director - Peter Shult, Ph.D., Interim Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 294203002

Report To:
 TAUREN BEGGS
 DNR

Invoice To:
 DEPARTMENT OF HEALTH

Customer ID: DH060

Field #: IA-5
 Project No: ALLYN PROPERTY
 Collection End: 12/22/2016 10:23:00 AM
 Collection Start: 12/22/16 1026
 Collected By: TAUREN BEGGS
 Date Received: 12/27/2016
 Date Reported: 1/3/2017
 Sample Reason:

ID#: _____
 Sample Location:
 Sample Description:
 Sample Type: AI-INDOOR AIR
 Waterbody:
 Point or Outfall:
 Sample Depth:
 Program Code:
 Region Code:
 County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 12/29/16 Analysis Date 12/29/16					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
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cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	0.41	ppbv	0.085	0.28
1,2-Dichloroethane	EPA TO-15	ND	ppbv	0.085	0.28



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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Peter Shult, Ph.D., Interim Director

Environmental Health Division

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WSLH Sample: 294203002

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