Beggs, Tauren R - DNR

From: Beggs, Tauren R - DNR
Sent: Tuesday, January 3, 2017 1:44 PM
To: sherchelie@aol.com
Cc: Streiffer, Adam B - DHS; Kinnard, Cindy; jdubois@stangelcpas.com
Subject: Indoor Air Results for 109 Steele Street Apartment Complex
Attachments: wslh_final 294203 56697.pdf

Hi Sherry,

I received the indoor air results today for sample location IA-1 (first floor apt #1) and IA-5 (second floor apt #5). 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. The responsible party and their consultant will have to complete further assessment to determine if they need to take any additional actions, as I discussed with you in person when I met with you at the apartment complex, so they will likely being getting in touch with you to start that soon.

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

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.

If you have any questions, please feel free to contact me at my office number below or Adam Streiffer-DHS at 608-266-9337. I have copied Cindy Kinnard with the local health department, so she has the results as well.

Thanks again for meeting with me and allowing access for the sampling.

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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Remediation and Redevelopment Program
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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

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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.

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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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
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	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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