



**Kentucky Association
of Radon Professionals**

Kentucky Radon Coalition Update

January 17, 2019

Kyle Hoylman, President

Kentucky Association of Radon Professionals

Kentucky Radon Coalition



Kentucky Association of Radon Professionals

In partnership with:



- American Lung Association – Shannon Baker
- Cancer Survivors Against Radon (CanSAR) – Angel Price
- Kentucky Association of Radon Professionals – Kyle Hoylman
- Kentucky Cancer Consortium – Kristian Wagner
- Kentucky Public Health – Clay Hardwick
- UK College of Nursing (BREATHE) – Heather Robertson

Kentucky Radon Facts

- Leading cause of lung cancer among non-smokers – found everywhere in Kentucky
- Nationally – 7% of buildings ≥ 4.0 pCi/L (**Kentucky – 42%**)¹
- Nationally – 1.3 pCi/L average concentration (**Kentucky – 6.7 pCi/L**)¹
- **700(+/-)** new radon-induced lung cancer incidents per year²
500(+/-) radon-induced lung cancer deaths per year²
- Economic impact - **\$200(+/-) million dollars** per year²
- Radon policies provide little (no) protection for Kentuckians

¹ Kentucky Cabinet for Health and Family Services, Kentucky Radon Program, Radon Test Results (2009)

² U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute: *United States Cancer Statistics: 1999-2005 Incidence and Mortality Report*





**Join the Fight
Against Radon
in Kentucky**



**Kentucky Association
of Radon Professionals**

2018 Kentucky Radon Coalition Highlights

National Radon Action Month (NRAM)



National Radon Action Month (NRAM)



942

requested test kits

115 returned to lab

87 duplicates

740

outreach to
unreturned
requestors

600 no response

68 still plan to return

★ 36 did not receive test

15 did not open the test

★ 8 need additional instructions

2 gave it to someone else

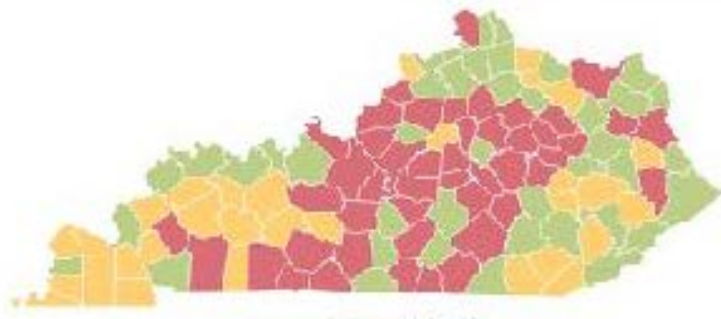
2 forgot about it



**Kentucky Association
of Radon Professionals**

National Radon Action Month (NRAM)

33% of returned tests
4 pCi/L or greater



87 pCi/L

highest returned test
Danville

Cities Represented in Returned Tests

ALPHA	LOUISA
ASHLAND	LOUISVILLE
BEREA	MAYFIELD
BLOOMFIELD	MELBOURNE
BOWLING GREEN	MORGANFIELD
CALIFORNIA	MOUNT WASHINGTON
CALVERT CITY	MYRA
CAMPBELLSVILLE	OWENSBORO
CORBIN	PARIS
COVINGTON	PARK HILLS
CRESTVIEW HILLS	PHILPOT
CRITTENDEN	PRESTONSBURG
DANVILLE	PROSPECT
EAST BERNSTADT	RADCLIFF
ELIZABETHTOWN	RICHMOND
ERLANGER	ROUSSEAU
FISHERVILLE	SHELBYVILLE
FLORENCE	SHEPHERDSVILLE
FRANKFORT	SMITHS GROVE
GEORGETOWN	SOUTHGATE
GLASGOW	SPRINGFIELD
GOSHEN	STEELE
HARNED	TAYLORSVILLE
HEBRON	ULYSSES
JEFFERSONVILLE	UNION
LANCASTER	UTICA
LAWRENCEBURG	VERONA
LEWISPORT	VINE GROVE
LEXINGTON	WILLIAMSBURG
LIBERTY	WINGHESTER
LILY	
LONDON	



**Kentucky Association
of Radon Professionals**



Join the Fight Against Radon in Kentucky

Kentucky Radon Coalition Spring Conference
May 22 | Lexington, KY



**Kentucky Association
of Radon Professionals**

2018 Spring Conference

Kentucky State Radon Coalition May 22, 2018

Agenda

Clarion Hotel Conference Center North

1950 Newtown Pike

Lexington, Kentucky 40511

8:00-8:30: Registration

8:30-9:00: Jeffrey Howard, Jr., MD, DPH – Welcome and Opening Remarks

9:00-9:45: Angela Criswell, Lung Cancer Alliance – Lung Cancer Stigma

9:45-10:45: Annie Cacciato, Breath of Hope – Lung Cancer Survivorship

10:45-11:00: Morning Break

11:00-12:00: Jill Newton, Spruce – Radon Testing and QA

12:00-1:00: Lunch (provided), Angel Price, CanSAR – Women Against Radon (WAR)

1:00-1:15: Heather Wehrheim, ALA – Radon Policy Update/National Radon Action Plan

1:15-1:30: Kristian Wagner, Kentucky Cancer Consortium – State Cancer Program Update

1:30-2:00: Renee Fox, UK BREATHE – Radon Research on the Horizon

2:00-2:30: Megan Elizabeth, KARP – National Radon Action Month (NRAM) Campaign

2:30-2:45: Afternoon Break

2:45-3:45: Kyle Hoylman, KARP – Radon Mitigation System Inspection

3:45-4:00: Clay Hardwick, Kentucky Radon Program – Next Steps and Closing Remarks



**Kentucky Association
of Radon Professionals**

Certification Training

Low-Cost Radon Training Offered by

KENTUCKY ASSOCIATION OF RADON PROFESSIONALS (KARP)
and
STATE OF KENTUCKY, DEPARTMENT OF PUBLIC HEALTH
with
KENTUCKY CANCER CONSORTIUM

Radon Certification / CE Classes Presented by Spruce Radon Training

Radon Measurement - only \$99.00

May 7-8, 2018

Radon Mitigation - only \$179.00

May 9-11, 2018

Location

Clarion Hotel Conference Center - North
1950 Newtown Pike
Lexington, Kentucky

Residential Radon Measurement

Monday-Tuesday

May 7-8, 2018

8:30 am - 5:30 pm

- Residential Radon Measurement and Radon Mitigation certification prerequisite
- 16 NRPP & NRSB Category I CE Credits
- 16 ASHI CE Credits

Course Fee: \$99.00

NRPP Certification Exam Fee: \$125.00

NRPP exams may also be taken at a later date through a PSI Testing Center. For more information, go to

<http://aarst-nrpp.com/wp/psi-instructions/>

[REGISTER FOR BOTH COURSE AND EXAM \(\\$224.00\)](#)

[REGISTER FOR COURSE ONLY \(\\$99.00\)](#)

Questions? Email training@spruce.com.

- Achieved Maximize Class Size (20+/-)
- Attendees included:
 - Health Department Reps
 - Home Inspectors
 - Radon Contractors
 - Rural Outreach Program
- Cost-Effective Certification
 - \$99 Measurement v \$450
 - \$179 Mitigation v \$600



**Kentucky Association
of Radon Professionals**


CRCPD National Conference – Lexington, KY

Protect Environmental - Posts x Free Radon Test Kit from the Ken x Protect Environmental - Posts x Radon laws lacking in Kentuckia x Conference of Radiation Control x

https://www.crcpd.org/events/EventDetails.aspx?id=882990

Apps Business Tools Travel Portals Business Development Louisville Links Mint American Funds Retirement Betterment Lending Club Weather UG Spruce Training Environmental Training Netronix - Remote M Office 365 & SharePoint Citi Mortgage

CONFERENCE OF RADIATION CONTROL PROGRAM DIRECTORS, INC.



ANNOUNCEMENT AND INVITATION

28th NATIONAL RADON TRAINING CONFERENCE

September 10—12, 2018
Hyatt Regency Lexington
Lexington, Kentucky

KRC Spring Confer...jpg KARP Join the Fight.jpg

Show all x

Windows Taskbar: Chrome, Outlook, Teams, Slack, OneNote, Word, Excel, PowerPoint, File Explorer, Edge. System Tray: 9:06 AM 1/17/2019

Investigative Report – WHAS 11 (Louisville)

Kentucky Association of Radon Professionals | Free Radon Test Kit from the Kentucky Department of Energy | Protect Environmental - Posts | Radon laws lacking in Kentucky

https://www.whas11.com/article/news/local/radon-laws-lacking-in-kentuckiana/417-608179239?fbclid=IwAR2CynZ1ugHGpCC5eH50ETYeBTT4-jwifx-zgR_Qz59Fcik5gdD-uMDPrs

Apps | Business Tools | Travel Portals | Business Development | Louisville Links | Mint | American Funds Retirement | Betterment | Lending Club | Weather UG | Spruce Training | Environmental Training | Netronix - Remote Monitoring | Office 365 & SharePoint | Citi Mortgage

MENU | **WHAS11** abc ON YOUR SIDE | WATCH LIVE On Air 9:50AM | 41° Louisville, KY

TREES Louisville
Give a gift that keeps on giving.
Gift a tree at TreesLouisville.org/gift
SEND GIFT

Radon laws lacking in Kentuckiana

Although several surrounding states have laws to require testing in schools, where children and their teachers and staff gather and breathe in the air several hours per day, Kentucky and Indiana have nothing on the books.

Author: John Charlton
Published: 9:14 PM EDT October 25, 2018
Updated: 12:10 PM EST November 27, 2018

LOUISVILLE, Ky. (WHAS11) — Despite being an odorless, tasteless, and invisible radioactive gas, the majority

KRC Spring Confer...jpg | KARP Join the Fight.jpg

Windows Taskbar: 9:00 AM 1/17/2019

National Press Club – LCAM Kickoff

Protect Environmental - Posts

Kyle Hoylman of CanSAR speaks at National Press Club

Free Radon Test Kit from the Kentucky Association of Radon Professionals

Protect Environmental - Posts

Radon laws lacking in Kentucky

https://www.youtube.com/watch?v=UMTW8wby2uQ&feature=youtu.be&fbclid=IwAR1HhgRknwNEVORXpjefv73BxgpBQ2OwKbWfBbZEF_4xh_wSnsrQehJRCe

Apps Business Tools Travel Portals Business Development Louisville Links Mint American Funds Retirement Betterment Lending Club Weather UG Spruce Training Environmental Training Netronix - Remote Office 365 & SharePoint Citi Mortgage

YouTube

Search



Kyle Hoylman of CanSAR speaks at National Press Club

38 views

Lung Cancer Action Network

2 0 SHARE SAVE

SUBSCRIBE 3

Up next

AUTOPLAY



How All-You-Can-Eat Buffets Make Their Money

BRIGHT SIDE

905K views



Meet The Woman Who Learned That Her Mother Passed As...

TODAY

7.9M views



IRS Scammer called the wrong one

Cole White

9.1M views



Here's Why the Maybach 57S Has Lost \$300,000 in Value...

Doug DeMuro

3.1M views



My favorite drone fails compilation!

Ground Effect RC & Tech

5.6M views



What I found on Mt. St. Helens 37 years after the eruption

Mobile Instinct

1.4M views



Craziest Endings in History

NFL Throwback

2.5M views



THIS MAN DIED DURING SURGERY, MET GOD & ASKED...

KRC Spring Confer...jpg

KARP Join the Fight.jpg

Windows Taskbar

9:03 AM 1/17/2019



**Join the Fight
Against Radon
in Kentucky**



**Kentucky Association
of Radon Professionals**

2019 Kentucky Radon Coalition Initiatives

Radon Warning Statement – Policy Initiative



Kentucky Radon Awareness Policy Initiative

NRAP Leadership Team
Washington, DC
July 11, 2018



**Kentucky Association
of Radon Professionals**

Radon Warning Statement – Policy Initiative

Background

- **Radon awareness policies in IL and MN include:**
 - **Disclosure to be signed by buying party at the time an offer is written**
 - **Materials to educate buying party on importance of testing for radon**
- **Radon awareness policy results include:**
 - **~10% national average testing at time of real estate transaction**
 - **~60% average in IL (expected similar result in MN)**
 - **Increase in mitigation aligned with testing increase**



Radon Warning Statement – Policy Initiative

Policy Timeline

- **Q3 2017:**
 - Coalition identifies awareness policy as 2018 legislative initiative
 - ALA and KARP outline initiative with MMLK (government affairs team)
- **Q4 2017:**
 - Legislator identified to carry bill during 2018 session
 - Draft bill developed by team – ALA, KARP, MMLK
 - Education efforts to key legislators begin
 - Outreach meeting with key stakeholder group held

Radon Warning Statement – Policy Initiative

Policy Timeline

- **Q1 2018:**
 - Stakeholder feedback provided - willingness to support initiative, recommendation to consider alternative approach
 - Legislator briefed – bill not introduced, alternative approach adopted
- **Q2 2018:**
 - Stakeholder meetings held to develop strategy for implementation of alternative approach
 - Policy adoption pending approval of KREC (real estate commission)
 - Education campaign in development (ALA grant)

Radon Warning Statement – Policy Initiative

Radon Warning Statement

- **Included on Seller's Disclosure of Property Condition**
 - **Signed by buyer at the time of offer to purchase**
 - **Prominent positioning on form – callout**
 - **Modifies existing radon information on form**
 - **Eliminates additional forms (stakeholder feedback)**
 - **Provides URL for additional information (stakeholder feedback)**



Radon Warning Statement – Policy Initiative

Radon Warning Statement

METHAMPHETAMINE CONTAMINATION DISCLOSURE REQUIREMENT

A property owner who chooses **NOT** to decontaminate a property used in the production of methamphetamine **MUST** make written disclosure of methamphetamine contamination pursuant to KRS 224.1-410(10) and 902 KAR 47:200. Failure to properly disclose methamphetamine contamination is a Class D Felony under KRS 224.99-010.

Radon Warning Statement:

Every buyer of any interest in residential real property is notified that the property may present exposure to dangerous levels of indoor radon gas that may place the occupants at risk for developing radon-induced lung cancer. The Department for Public Health strongly recommends that all homebuyers have an indoor radon test performed prior to purchase or taking occupancy, and mitigated if elevated levels are found. More information about radon can be found at radon.ky.gov.



Radon Warning Statement – Policy Initiative

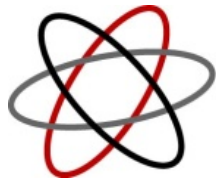
Education Campaign

- **An opportunity exists to use the policy initiative to educate real estate agents**
- **Utilizing a grant provided by ALA:**
 - **Develop targeted messaging and materials for real estate agents (work with KY Realtors®)**
 - **Identify and engage outside voices to educate the public (work with CanSAR)**
 - **Develop media campaign – op-eds, letters to editor, media pitches and monitoring**
 - **Develop social media campaign – shareable content, resource toolkit**

Other Coalition Initiatives

- Contractor Lawsuit Settlement
 - Injunction issued June 2015 preventing regulations from going into effect
 - Contractors remain unregulated – consumer protection issue / industry protection issue
- Child Care / School Policy Initiatives
 - Potential bill introduction this session requiring child care centers and schools to conduct radon testing
- CDC Webinar – 1/31/2019 (pending reschedule)
 - Webinar delivered to state cancer control personnel
 - Kentucky viewed as model state for radon policy
- Environmental Justice Pilot Project – Louisville
 - Pilot EJ project targeting testing and mitigation in low income homes – potential for future expansion





**Kentucky Association
of Radon Professionals**

Kyle Hoylman, President

keh@protectenv.com

502-410-5000