The attached document was submitted to the Washoe County Board of Commissioners during the meeting held on December 17, 2019.
by Cooperative Extension
for Agenda Item No. 7
and included here pursuant to NRS 241.020(8).
Radon is a colorless, odorless, and tasteless radioactive gas that occurs naturally in most rocks and soils. It is produced by the decay of uranium in soil, rock and water. Radon is harmlessly dispersed in outdoor air, but when trapped in buildings it can build up, increasing the risk of lung cancer.

The EPA Action Level: The U.S. EPA recommends that you take action to reduce radon levels that are 4.0 pCi/l or higher.

*The EPA and the U.S. Surgeon General recommends all homes be tested for radon.
## Washoe County
### Radon Potential by Zip Code

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<th>Valid</th>
<th>Less than 4 pCi/l</th>
<th>4 pCi/l and greater</th>
<th>% Radon Potential</th>
<th>Range of radon levels in pCi/l</th>
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**Totals**: 10164 7940 2224 21.9% 7540 1725 369 105 18 7 3.35

% of Total Tests: 78% 17% 4% 1% 0% 0%

*Small sample size: more testing is needed to reference reliable radon potential for this area.

Zip codes in Washoe County with no data: 89424, 89555, 89557, 89595
Radon is a cancer-causing, radioactive gas.

Radon is a naturally occurring radioactive gas released in rock, soil and water from the natural decay of uranium. While levels in outdoor air pose a relatively low threat to human health, radon can accumulate to dangerous levels inside any home. You can't see, smell or taste it, but an elevated radon level in your home may be affecting the health of your family.

Radon is measured in picocuries per liter of air (pCi/l), a measurement of radioactivity. Breathing radon can increase your risk of lung cancer and is the number one cause of lung cancer among people who do not smoke. It is the second leading cause of lung cancer for people who do. According to experts, living in a home with an average radon level of 4 pCi/l poses as much risk of developing lung cancer as smoking half a pack of cigarettes a day!

If you smoke and your home has a high level of radon, your risk of lung cancer can increase even more. The U.S. Surgeon General, the Centers for Disease Control and Prevention and the Environmental Protection Agency (EPA) recommend fixing homes with radon levels at or above the action level of 4 pCi/l. EPA also recommends that people think about fixing their homes for radon levels between 2 and 4 pCi/l.

Radon is found in every state.

Homes with high levels of radon have been found in every state. No area of the country is free from risk. In fact, radon levels can vary greatly from home to home. Even levels of homes next door to each other can be very different.

You should test for radon.

The only way to know if your home is under the EPA action level of 4 pCi/l is to test. Testing for radon is easy. If your house has a radon problem, it can be fixed. Fixing a radon problem reduces the risk of lung cancer for you and your family.

A simple test will tell you if your home has an elevated radon level. The test takes three days, and it's as easy as opening a package and placing the test device in a designated area. After sending the test kit to the lab for analysis, you should receive radon results in about two weeks.

Radon test kits are available at most University of Nevada, Reno Extension offices. Contact the Radon Hotline at 888-RADON10 to find the nearest office or to inquire about radon testing. Information about testing your home for radon is also available by visiting Nevada's Radon Education Program website: www.RadonNV.com

How to Obtain Radon Test Kits

Visit www.RadonNV.com or call 888-RADON10 (888-723-6610) to:
- Find a University of Nevada, Reno Extension or partner office to pick up a kit
- Order a kit online
- Order a kit by mail

University of Nevada, Reno Extension, Washoe County
4955 Energy Way
Reno, NV 89502
888-RADON10 (888-723-6610)
www.RadonNV.com
Basic Radon Facts (continued)

Based on a national residential radon survey completed in 1991, the average indoor radon level is about 1.3 pCi/l in the United States. The average outdoor level is about 0.4 pCi/l. Therefore, all homes will have some amount of radon. Even if your home tests below the action level, EPA recommends homes be tested every two years, before and after remodeling, or after significant seismic activity.

You can fix a radon problem.

The cost of making repairs to reduce the radon level depends on several factors, including how your home was built. Most homes can be fixed for about the same cost as other common home repairs, like painting or having a new hot water heater installed. The average cost in Nevada for a contractor to mitigate radon levels for a slab or basement foundation is $2,500, and the average cost for a crawl space foundation is $3,800. Call the Extension office listed below or the state radon office, 888-RADON10 (888-723-6610), to locate radon mitigators in your area. All mitigated homes should be tested after 24 hours to ensure the system is working. EPA recommends testing every two years thereafter.

New homes can be built with radon-resistant features.

Building new homes with simple and cost-effective radon-resistant features can reduce radon entry. The cost to install radon-resistant new construction features is much less than the cost of fixing an existing home. For many homes the cost is less than $1,000.

Every new home should be tested before, or soon after you move in. Even homes built with radon-resistant construction features should be tested. If radon levels at or above the EPA's action level of 4 pCi/l are detected, it is easier and costs less to reduce radon levels in homes that are built radon-resistant.

For more information:

- Toll-free Radon Hotline: 888-RADON10 or 888-723-6610
- Program website: www.RadonNV.com
- Nevada Radon Education Program
  4955 Energy Way, Reno, NV 89502
  Susan Howe, Program Director: 775-336-0248
  Nadia Noel, Radon Education Coordinator: 775-336-0252

Nevada Radon Education Program

For more information, visit www.RadonNV.com or www.epa.gov/radon.
Girl Scout partners with NREP to educate her peers about radon

Eleanor Davis, a Junior Girl Scout of the Sierra Nevada Council, earned a Bronze Award pin for organizing an event to educate Girl Scouts and their families about radon during National Radon Action Month. Eleanor partnered with the Nevada Radon Education Program (NREP) to hold the "Keep Your Home & Family Safe from Radon" event on Jan. 19, at the Sierra Nevada Council.

The Bronze Award, the highest award a Junior Girl Scout can achieve, requires girls to be leaders and make a difference in the world around them. In order to earn the award, girls must take action on a community problem in a way that can make a difference.

» continued, See GIRL SCOUTS Page 2

NREPs offers education class to Realtors

The Nevada Radon Education Program applied to the Nevada Real Estate Division and received approval to teach a one-hour continuing education course, "Radon: What Real Estate Professionals Need to Know," to Realtors in Nevada. Approval was granted on Jan. 28, and since then, NREP employees have taught two classes this quarter.

The first was on Feb. 12 at Keller Williams Group One Realty, in Elko, where Education Coordinator Noel taught the course to 20 real estate professionals, all of whom appreciated the free CE credit. Many of the audience members mentioned that this was the first they

» continued, See REALTORS, Page 17

Nevada's top poster winner is second in the nation!

Ana Marquez, a Carson Valley Middle School eighth grade student, won first place in the 2019 Nevada Radon Poster Contest with her poster, "Radon: Test Your Home Now." She also placed second in the National Radon Poster Contest!

Nadia Noel, education coordinator, presented Marquez with Nevada Radon Education Program (NREP) contest prizes at an award ceremony on Jan. 17 at the CVIC Hall in Minden.

NREP prizes included a radon gift bag, a check for $75, and a certificate. Ana also received, by mail, a check for $300 for the second place national award from the American Lung Association and Conference of Radiation Control Program Directors (CRCPD). Lin Falkner, Marquez's teacher, was provided a $50 check from NREP for classroom supplies.

The Nevada Radon Poster Contest is sponsored by NREP, University of Nevada Cooperative Extension, Nevada Division of Public and Behavior Health and the U.S. Environmental Protection Agency (EPA).

NREP conducts the contest each year to educate students and their families about the health risk of the carcinogen and to inspire Nevadans to test their homes for the radioactive gas. Children ages 9-14 are

» continued, See POSTER CONTEST, Page 2
Girl Scouts
Continued from Page 1

a lasting impact.

"I picked this project because I heard that the Cooperative Extension’s Radon Education Program has a poster contest every year about the dangers of radon, and I didn’t know what radon was," said Eleanor.

"I started researching it and learned that radon is a silent killer! It is a gas that naturally enters homes from the ground and is the second leading cause of lung cancer. I then learned that my grandma’s house had high levels of radon and that is why she had a radon system in her house. I wanted to help spread the word about this to help families stay safe."

"I think this was successful, because we heard one of the Girl Scouts families that tested their home actually DID have high levels of radon and were looking into how to make the levels lower so they could be safer!"

In preparation for the event, Eleanor and her mother, Amber Joiner, met with Susan Howe, program director, and Nadia Noel, education coordinator, in December and January. During those meetings, they received education about radon and they took a radon test kit to do in their own home. From her experience, it was decided that Eleanor would do the testing portion of the lecture. Eleanor also created a flyer to hand out at the Cookie Kickoff event, and made a press release that they sent to TV and local newspaper media.

Eleanor and Noel presented the slide presentation to 22 parents, Girl Scouts and siblings who attended the event. Eleanor presented the section on how the test is done, relaying her own testing experience in her home. Following the presentation, the group played Radon Bingo, with many winning prizes for filling the “Radon/Bingo” card rows. Following the program, 11 Girl Scout families requested test radon kits.

"The project helped the community, because I helped educate about the dangers of radon and handed out test kits," said Eleanor. "Hopefully the people who attended learned about radon and tested their houses. Also, I hope they talk to other people about what they learned." All of the Girl Scouts who attended the meeting received a "Radon Aware" patch.

Poster Contest
Continued from Page 1

eligible to take part in the competition. This is the 10th year that NREP has offered the contest and 123 students from 10 different schools entered posters this year.

The national contest is held each year to increase awareness about the radioactive gas. Nevada was one of 11 state radon programs that submitted their first place poster to the national contest. Members of the radon industry, state radon programs and EPA leaders chose their top three through online voting on RadonLeaders.org. Votes were combined with the judging committee’s choices, resulting in a first place winner from Florida and a third place winner from Utah.

Nevada’s second place winner, Jacob Lewis, an eighth-grader at Carson Valley Middle School, designed a poster titled “The Silent Killer.” Lewis was also recognized for his accomplishment at the award ceremony, where he was also presented with a gift bag, a check for $60 and a certificate. Falkner, who is also Jacob’s teacher, won an additional $35 for classroom supplies.

Sarah Farnham, an eighth-grader at Carson Valley Middle School, won third place in the Nevada contest. Farnham created a poster titled “Radon - Not Welcome” and won $45, in addition to a certificate and gift bag. She also won $20 for Falkner, who stated that she will be using the $105 she earned for her students’ hard work on supplies for their entire class.

The Nevada poster contest entries were judged for content accuracy, reproducibility, originality and visual communication of the topic. After the top six were selected from the 123 entries, voting took place over the course of 11 days by email, in-person at NREP exhibits and on Facebook. At least 188 votes were cast in person or by email from Nevada’s radon professionals, program partners, College of Agriculture, Biotechnology and Natural Resources (CABNR), Cooperative Extension staff, and at Renown’s Employee Benefits Fair. There were 94 “Likes” from 81 Facebook voters tallied from members of the general public on NREP’s Facebook page.
2019 National Radon Action Month activities & events

The Environmental Protection Agency (EPA) promotes January as National Radon Action Month (NRM) throughout the U.S., as winter is the best time to test for the radioactive gas in a home or building. State radon programs are encouraged to multiply the number of events they offer to educate residents about the danger of the radioactive gas during the month.

In honor of NRM, the Nevada Radon Education Program (NREP) offers free short-term test devices at University of Nevada Cooperative Extension and partner offices, lectures, tabling events and other local collaborations during the first two months of the year. More than 1,285 individuals were reached directly through face-to-face contact at 2019 NRM events. The number of short- and long-term test kits distributed during January and February was 2,938. From NREP’s efforts this NRM, at least 1,041 homes were newly tested for the gas by the end of the quarter.

The success of this year’s NRM campaign is due to preparation and partnership with new and faithful partners, as well as publicizing through radio, television, social media, newsprint and newsletters.

Planning for NRM begins in July, when library speaking engagements are scheduled in Washoe and Clark counties, and new plans for outreach are established. November and December are devoted to requesting proclamations from governing entities and devising advertising approaches.

A summary of Nevada’s 2019 NRM activities follows:

Advertise
ing

TV and Radio advertising campaign

The Nevada Broadcasters Association (NVBA) supports NREP’s public information outreach by producing and distributing the program’s radio and television advertisements to stations throughout the state. The 30-second English and Spanish language radio and television ads are broadcasted by NVBA from Jan. 1 to Feb. 28.

The 2019 media campaign resulted in 352 television and 1,645 radio spots across the state. The total value of the ads was $293,375.

“The Nevada Broadcasters Association has been a vital contributor to our outreach campaigns for the last seven years,” said Susan Howe, NREP program director.

“Using the TV and radio ads to send people to our website for information on how to get a test kit worked wonderfully and we appreciate NVBA’s help in getting our message out to the urban and rural areas of Nevada.”

Digital Billboards

The Nevada Radon Education Program asks businesses and public organizations to assist with publicizing free test kits during NRM on their digital boards.

- The University of Nevada-Reno (UNR) showed a radon message on North Virginia Street in January and February. Nevada Department of Transportation (NDOT) estimates that 7,600 vehicles pass the sign every day. UNR also displays the message on televisions throughout the UNR Joe Crowley Student Union during Nevada’s NRM season.
- The City of Fernley distributed free short-term test devices and displayed the radon message on their reader board for the fourth year in a row. An estimated 10,500 drivers pass the board located on 595 Silver Laced Blvd. each day.
- The Battle Mountain Civic Center, 625 S. Broad St., in Battle Mountain, advertised free radon test kits on their outdoor board. An estimated 3,300 vehicles pass the area each day.

40-foot street banner

NREP uses a 40-foot street banner to display the radon message on two sections of highway that pass through heavily trafficked areas in Carson City and the Town of Gardnerville. The banner catches the attention of individuals who drive by it daily, reminding them to get a free test kit.

This is the ninth year NREP has hung the banner in Gardnerville, and the eighth year in Carson City.

The street banner was displayed from Jan. 7-21 on Carson Street, north of Proctor Street.

The radon street banner was displayed in Carson City Jan. 7-21.

The radon street banner was displayed in Gardnerville Feb. 4 to Feb. 18, on US 395 South.

where an estimated 17,700 vehicles travel past it every day. Then the banner was hung from Feb. 4-18 on U.S. Highway 395 south of Eddy Street, in Gardnerville, where a projected 19,500 cars drive through every day.

Most Nevada Cooperative Extension offices use the 3-by 8-foot vinyl “Test Your Home for Radon” banner to announce the availability of free test kits at their location.

Media outreach

Local media is utilized to highlight NREP’s mission to educate Nevadans about radon’s health risk and it’s the best time to test. The majority of people who request free kits state that they heard the ad on the radio, saw the ad on television or read about radon in a newspaper. The program submits news releases in January and February to publicize the free kit period, encourage residents to test their homes for the radioactive gas and attend educational presentations.

Television interviews

The television interviews that NREP staff take part in focus on why Nevadans should test for radon and where they can learn more information about the radioactive gas. Whenever a television interview happens, the number of phone calls the radon program receives increases.

KTVN Channel 2 TV interview (1/12/19)

Paul Jibert, KTVN Channel 2 News photographer, interviewed Nadia Noel on Jan. 12 at the Sierra View Library.

Noel was interviewed by Paul Jibert, KTVN Ch. 2 CBS affiliate photographer, on Jan. 12, at the Sierra View Library.

» continued, See NRAM, Page 10
Nevada receives record 45 Radon Action Month proclamations

The Nevada Radon Education Program (NREP) received 45 proclamations or resolutions in honor of National Radon Action Month (NRAM) this year, the largest number the organization has obtained since the program began. The declarations came from 15 county commissioner boards (Churchill, Clark, Douglas, Elko, Eureka, Humboldt, Lander, Lincoln, Lyon, Mineral, Nye, Pershing, Storey, Washoe and White Pine), 15 cities (Boulder City, Carlin, Elko, Ely, Fallon, Fernley, Henderson, Las Vegas, Lovelock, Mesquite, North Las Vegas, Reno, Sparks, Wells, West Wendover and Winnemucca), five towns (Amargosa Valley, Gardnerville, Genoa, Minden and Tonopah), four general improvement districts (Gardnerville Ranchos, Gerlach, Incline Village and Sun Valley), one Nevada Legislator (Assemblywoman Sarah Peters), two associations (Nevada Nurses Association and Nevada Association of Counties) and three Boards (Washoe County Health District, Carson City Board of Supervisors, and Southern Nevada Health District).

There were eight new proclamations/resolutions received this year: the cities of Elko, Fallon and Winnemucca, Gerlach GID, Southern Nevada Health District, Nevada Nurses Association, Town of Tonopah and Assemblywoman Peters.

This was the 11th year that NREP obtained annual proclamations from Carson City, Churchill and Douglas counties, Reno and Sun Valley General Improvement District!

Whenever possible, NREP staff or county partners accept proclamations at board or commissioners meetings to share pertinent information explaining why a declaration is necessary for their county or location.

- Susan Hove and Nadia Noel received the Washoe County Health District proclamation on Dec. 13.
- Howe and Noel received the Sun Valley General Improvement District declaration on Dec. 13.
- Pamela Munk, Pershing County Safety Coordinator, received the Pershing County Commissioner’s proclamation on Dec. 19.
- Noel attended the Fernley City Council meeting to share information about radon...
Susan Howe and Nadia Noel accepted the National Radon Action Month proclamation from the Washoe County Health District Board on Dec. 13.

Noel accepted the Town of Gardnerville proclamation on Jan. 8.

Noel accepted the NRAM proclamation offered by the Washoe County Commissioners on Jan. 15.

Noel accepted the Carson City Board of Supervisors proclamation for National Radon Action Month on Jan. 3.

City of Henderson Mayor Debra March proclaimed January as National Radon Action Month on Jan. 1. Noel accepted the proclamation on Feb. 5.

Southern Nevada Health District proclaimed January as National Radon Action Month. Noel accepted the proclamation on Jan. 24.

The Town of Genoa provided a NRAM proclamation on Jan. 10 with Noel accepting.

Howe and Noel accepted the City of Sparks' proclamation from Mayor Ron Smith on Jan. 14.
Radon message given at 54 NRAM opportunities

The Nevada Radon Education Program educated Nevadans on the health risk of radon, how to test for the gas and the process of reducing elevated levels throughout the state. There were at least 54 speaking engagements during the 2019 National Radon Action Month (NRAM) season to share the message with a variety of clubs, government officials, realtors and the general public.

NRMP reached over 1,148 people from Jan. 1 to Feb. 28. More than 700 test devices were given out at these events and 194 or 28 percent were utilized by Mar. 31.

Susan Howe and Nadia Noel offered the majority of presentations that were held in Northern Nevada, with the assistance of Norm Denny, certified radon mitigator. Bob Knauff, radon measurement professional, assisted Noel with providing lectures in Southern Nevada. A summary of the presentations, attendees and test kit usage from the 2019 NRAM events follows:

Mayor Robert Crowell read the proclamation and Nadia Noel spoke a few words about radon and accepted the proclamation from the Carson City Board of Supervisors on Jan. 3.

Carson City Board of Commissioners – Jan. 3

Carson City Board of Supervisors and Mayor Bob Crowell issued a proclamation declaring January as NRAM and about 30 city residents witnessed it. Noel shared a few talking points.

Nadia Noel addresses the Cattlemen’s Update meeting attendees at the Washoe County Cooperative Extension office on Jan. 7.

Cattlemen’s Update – Jan. 7

Nadia Noel addressed about 28 Cattlemen’s Update attendees at the Washoe County Cooperative Extension Office. She briefly let them know what radon was, the health risk, and that free radon test kits were available until the end of February.

Douglas County Board of Commissioners – Jan. 7

Douglas County Commissioners made a declaration announcing January as National Radon Action Month and 31 county residents and officials observed it. Howe and Noel shared a brief message.

Town of Gardnerville Board Meeting – Jan. 8

Gardnerville Town Board members bestowed a declaration stating January as

NRAM and 13 town residents witnessed it. Noel provided a short message.

Town of Minden Board Meeting – Jan. 9

Minden Town Board members issued a proclamation stating January 2019 is National Radon Action Month and 18 town residents observed it. Noel spoke about the carcinogen for a few minutes.

Howe, Denny and Noel provided the program at the Genoa Town Hall on Jan. 9.

Genoa Town Hall Program – Jan. 9

Howe, Noel and Norm Denny spoke to 23 Genoa residents about the radioactive gas. Of the 18 devices given out, 15 were used by the end of the quarter.

Town of Genoa Advisory Board Meeting – Jan. 10

The Genoa Town Advisory Board members gave a proclamation declaring January as NRAM and at least 27 residents were present. Noel provided a short message.

Howe, Noel and Denny presented educational information at the Smart Strategies Workshop for Homeownership, Repairs & Radon in Carson City on Jan. 12.

Smart Strategies Workshop, Carson City – Jan. 12

NRMP collaborated with USDA Rural Development and Nevada Rural Housing Authority’s Home At Last Program to produce the “Smart Strategies Workshop for Homeownership, Repairs & Radon.”

Fourteen attended the free three-hour event, earning homebuyer education certificates and free test kits. Topics included the process of buying a home, down payment assistance, funding for home repairs and weatherization and ways to protect homeowners from lung cancer caused by radon.

Three lucky participants won prize baskets provided by the three partnering entities. In all, seven of the eight radon test kits distributed at the event have been used this quarter.

Sierra View Library, Reno – Jan. 12

Noel and Howe taught 11 attendees at Sierra View Library about the health risk of the radioactive gas and how to reduce the chances of developing lung cancer caused by the carcinogen. Eleven test kits were taken and seven were used since the presentation.

Noel addressed the City of Sparks Council about radon at their Jan. 14 council meeting.

City of Sparks City Council Meeting – Jan. 14

Noel addressed a room of 25 Sparks City Council meeting attendees and government officials about radon statistics in their city. After the speech, the city council proclaimed January as National Radon Action Month. Five test kits were provided to the audience.

Noel provided talking points about radon to the Washoe County Commissioners and accepted the proclamation on Jan. 15.

Washoe County Board of Commissioners, Reno – Jan. 15

Washoe County Commissioners presented a declaration pronouncing January as NRAM and 30 county residents were in attendance. Noel provided a short message.

Spanish Springs Library, Reno – Jan. 15

Although the presentation was canceled due to weather conditions after Howe and Noel arrived at the Spanish Springs Library, they spoke to four residents who came to pick up seven test kits.

Noel, Howe and Denny spoke to the 20 attendees at the CVIC Hall on Jan. 17.

CVIC Hall, Minden – Jan. 17

Denny, Howe and Noel presented to 20 Nevada residents at the CVIC program. Six test kits were given out and three of the kits have been used thus far. The poster contest awards ceremony followed the radon program. (See poster contest article on Page 1.)

» continued, See PRESENTATIONS, Page 7
Presentations

Continued from Page 6

Girls Scout of Sierra Nevada Program, Reno – Jan. 19
Howe and Noel partnered with Eleanor Davis, a Junior Girl Scout, to offer a radon presentation to 30 parents, Sierra Nevada girl scouts, siblings and family members at the "Keep Your Home & Family Safe from Radon" event. Eleven test kits were distributed and three have been used to date. (See the Girl Scouts of Sierra Nevada article on Page 1 for more details.)

A joint program with the California Radon Program, Stateline – Jan. 22
Nine people attended the program provided by Natalia Deardorff, California Indoor Radon Program director, Howe and Noel. Denny was also a guest speaker for the event. One of the six Nevada test devices given out have been used during this quarter.

Northwest Reno Library – Feb. 2
Nine Washoe County residents heard from Howe and Denny at the Northwest Reno Library. The program was about radon and reducing one's risk of lung cancer caused by the gas. The attendees took home 13 test devices and four of them were used by the quarter's end.

North Valleys Library, Reno – Feb. 6
Denny, Howe and Noel spoke to six residents at the North Valleys Library presentation. About five test devices were taken by the attendees and four have been utilized.

Sparks Library – Feb. 7
Howe and Noel spoke to seven residents about radon at Sparks Library and how to test for the gas. Mitigator Denny presented information on how radon problems are fixed. Two of the eight short-term test kits distributed

Desert Gardening Club, Carson City – Feb. 21
At the request of the Desert Gardening Club, Noel spoke to 16 Carson City residents about the radioactive gas. Fifteen test kits were taken by the group and seven have been deployed this quarter.

Howe and Noel educated 22 OLLI members about radon on Feb. 22

Osher Lifelong Learning Institute, Reno – Feb. 22
Howe, Denny and Noel educated 22 Osher Lifelong Learning Institute (OLLI) members on radon's health risk, how to test for the gas and the process of reducing an elevated level of it. The audience received 24 test devices, five of which have been used during this quarter.

Southern Nevada Tour – Jan. 24 to Feb. 6

From Jan. 24 to Feb. 6, Education Coordinator Nadia Noel gave 22 presentations to the general public, civic groups, a realty office, health program members and governing entities. At many of the presentations, Bob Knauff, a Las Vegas area certified Radon measurement specialist, helped to educate attendees about radon testing for real estate transactions.

Southern Nevada Health District Board Meeting, Las Vegas – Jan. 24
Noel attended the Southern Nevada Health District Board meeting to receive a proclamation for National Radon Action Month. While at the meeting she was given the opportunity to share some talking points that relate to the issue of the carcinogen in Southern Nevada. This was the first year that NREP received a proclamation from the Board. At the meeting, Noel gave out 23 test

Noel spoke to the Southern Nevada Health District's January Board Meeting about radon and was presented with a NRAM proclamation.

» continued, See PRESENTATIONS, Page 14
Short-term test kit data by point of distribution

The data in the charts below display the number of short-term test devices disseminated at a variety of events and locations through face-to-face, or by indirect methods from phone calls, emails, Evemtrite or mailed coupons during the January through March quarter and the number of kits utilized by Mar. 31. The percentage columns represent the percent of devices that were deployed at the named distribution point. Overall, 3,105 short-term test kits were dispersed and 43.6 percent were used by the quarter's end.

Special Projects, Partners and Cooperative Extension
At least 2,134 short-term test kits were distributed through partners, Cooperative Extension offices and special projects. The devices that were picked up by individuals at Cooperative Extension and partner offices made up 69 percent of the total number of kits given out in the quarter. Of those test devices, about 1,041 or 48.8 percent were used.

Four new partners distributed 124 test kits: City of Henderson, Storey County Senior Center, Lockwood Senior Center and the Town of Tonopah. At least 47 or 38 percent of the kits were used. A science project with 32 test kits was accomplished through the Physics and Chemistry classes at Pershing County High School.

Established partners, Incline Village Recreation Center, Sun Valley General Improvement District, Town of Genoa, Gardnerville Ranchos General Improvement District, Tahoe Regional Planning Agency, Fernley City Hall, Incline Village Recreation Center, Central Lyon County Fire Department and the City of West Wendover distributed 458 kits.

The Washoe County Cooperative Extension office led distribution numbers with 591 short-term kits given out this quarter. Douglas and Carson City County Cooperative Extension offices followed, with 265 and 247 devices distributed respectively.

Statewide program presentations and events
NRE gave 700 free test kits during 40 programs, seven proclamation events and three other events and at least 194 or 28 percent were used.

Mail order requests
NRE received 271 mail order requests for test kits by mail: 206 were through Evemtrite; 23 used the online kit request form; 35 by miscellaneous coupons, and seven from library coupons. The usage rate is 49 percent, with 151 of the devices were used by Mar. 31.

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<th>Date</th>
<th>Program/Event</th>
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TOTALS 700 194 27.7%
Radon in the news...

January 31, 2019

Mineral County Independent News

Mineral County Radon Potential by Zip Code
Checklist

- More than 40 percent of homes tested in Mineral County found radon concentrations at or above the EPA action level.

Free radon test kits available

January is National Radon Action Month, and University of Nevada Cooperative Extension's Radon Education Program is offering free short-term radon test kits to Nevadans state-wide, through Feb. 28. Locally, radon test kits are available at Mineral County Cooperative Extension, 30 South A St., in Hawthorne.

Radon is a naturally occurring, radioactive gas that is colorless, odorless and tasteless. It comes from the ground and can accumulate in homes, posing a risk to your health. The U.S. Environmental Protection Agency estimates 22,000 Americans die each year from radon-caused lung cancer, killing more people than secondhand smoke, drunk driving and murder combined. In Nevada, one in four homes tested, or by submitting a radon test kit request online at https://byURRadMppe.org, then mailing the completed kit to the Radon Education Program at 919 S. Virginia St., Reno, NV 89512. Ordered test kits will require a $12 cash or money order. Future shipping will be written to the State of Nevada.

For more information, call the Radon Hotline at 1-888-RADON (1-888-723-6666) or visit the Nevada Radon Education Program website at www.RadonNV.com. Cooperative Extension, the EPA and the Nevada Division of Public and Behavioral Health urge all Nevadans to test their homes for radon.

February 16, 2019

Reno Gazette-Journal

Reducing health risk from radon is simple

Jan 19, 2019

Now that you have settled into 2019 and are likely tired of complicated New Year’s resolutions, it is time to take some simple steps to protect your health. One step that is easy and doesn’t require a budget journal or a gym membership is testing your home for radon, a naturally occurring, radioactive gas that can’t be seen or smelled but can increase your risk of lung cancer.

Radon is the primary cause of lung cancer for non-smokers and the second leading cause for smokers, taking an estimated 21,000 lives a year in the U.S. Over time, living in a home with an elevated level of radon increases the inhabitant’s risk of developing lung cancer. As the gas decays, solid particles are formed, inhaled and deposited in the lungs. The radiation that those particles release can damage the lung’s DNA, resulting in cancer.

The U.S. Environmental Protection Agency (EPA) action level for radon, the concentration where the health risk increases, is 4 picocuries per liter (pCi/L). This is approximately six times higher than the 0.4 pCi/L set forth by the World Health Organization. The American Lung Association recommends the action level be 1 pCi/L.

Getting a free test kit is easy and can be done at over 25 locations across the state of Nevada until Feb. 28. PHOTO COURTESY OF THE UNIVERSITY OF NEVADA RENAISSANCE.

Programs: Cooperative Extension

You may not perceive the threat, but the risk is real and serious, and it can be reduced. The key is testing. Only by testing can you know if your home presents a health risk and what can be done to reduce your risk. Test kits are free and easy to use. However, testing your home only once isn’t enough. Radon levels can change, just as they do with the seasons. Test kits are available at these locations:

1. University of Nevada, Reno: 3131 N. Virginia St., Reno, NV 89502. Call the hotline at 1-888-RADON (1-888-723-6666) or visit the Nevada Radon Education Program website at www.radonnv.com.

2. Cooperative Extension, the EPA and the Nevada Division of Public and Behavioral Health urge all Nevadans to test their homes for radon.

The Nevada Radon Education Program is a program of University of Nevada Cooperative Extension and is funded by the Nevada Division of Public and Behavioral Health. For more information, call the Radon Hotline at 1-888-RADON (1-888-723-6666) or visit the Nevada Radon Education Program website at www.radonnv.com.

Reno Gazette-Journal

University of Nevada Cooperative Extension Radon Education Program * www.RadonNV.com * 1-888-RADON10 (888-723-6610)
NRAM
Continued from Page 3

12 at the Sierra View Library after the radon presentation offered that day. The interview was on the health risk of the carcinogen, how to test for the radioactive gas, the process of reducing it and radon potentials in Washoe County.

Nadia Noel is interviewed by Samantha Smerechniak, KRNV Ch. 4 NBC Reno affiliate, on Jan. 23, at the Washoe County Cooperative Extension Office.

KRNV Channel 4 TV Interview (1/23/19)
Samantha Smerechniak, KRNV Channel 4 NBC Reno affiliate, interviewed Noel on Jan. 23 at the Washoe County Cooperative Extension Office. Noel was asked questions such as how radon enters homes, why Nevadans should test for the carcinogen, and how the issue is remedied. The interview can be found at this link: https://mynews4.com/news/local/get-a-free-radon-test-kit-during-national-radon-action-month

Partnerships & Collaborations
NREP works with current partnerships and develops new ones to spread the message about radon’s health risk to more Nevada residents and offer locations where people can pick up free test kits. Educational radon talks are offered in January and February every year at public libraries in Washoe and Clark counties.

New collaborations
Spring Creek Association
Spring Creek Association (SCA) President Jessie Bahr graciously agreed to work with NREP to promote awareness of radon’s health risk and the importance of testing in her community. She used SCA’s Facebook page to post three prepared radon messages, seven times each, for her residents to see during NRAM.

Because of Bahr’s effort, many Elko County residents ordered radon test kits online or picked them up from the Elko County Cooperative Extension in January and February. At the Elko Cooperative Extension office, 89 kits were requested versus a smaller number of 25 last year.

In addition to increasing her residents’ awareness, Bahr shared NREP maps, real estate brochures, and swag with 45 Elko County Realtors at her annual meeting.

“We very much appreciate SCA President Bahr’s willingness to partner with us,” said Noel. “We hope that she can help us educate more Nevadans next NRAM!”

• Town of Tonopah
A partnership began with the Town of Tonopah after Noel requested a proclamation and town employees requested more information about the gas. The town office became a new distribution site for the free kits during NRAM with 25 test kits given out.

• Lockwood and Storey County Senior Centers
Working with Storey County Senior Center Director Stacy Gilbert, NREP collaborated with the senior centers in Lockwood and Storey County for the first time to offer radon test kits and informational handouts to area residents. At least 26 test devices were given out at both locations in January and February.

Continued partnerships & collaborations
NREP continues to partner with the following organizations who assist during the free kit period and a few who offer a kit distribution point all year long.

• Town of Genoa
Town of Genoa again offered free radon test kits on behalf of NREP. Free kits were advertised in the town’s Winter 2018/2019 newsletter. Genoa also twice tweeted and posted about the presentation that took place in the town and the locally available free radon kits to over 467 Twitter and 2,954 Facebook followers. At least 47 test devices were handed out from this office by the end of March, 25 or 53 percent have been deployed.

• Gardnerville Ranchos General Improvement District (GRGID)
GRGID continues to provide test kits year-round to its residents. As of the end of March, at least 60 kits were distributed from their office, with 28 or 47 percent used.

• City of West Wendover
The City of West Wendover continued their partnership with NREP this National Radon Action Month. Staff from that city posted a flyer in the local newspaper. West Wendover again shared information about the carcinogen on their Facebook page that 383 people follow. The city also displayed an informational Elko County handout on radon on their website. About 34 test devices were handed out from this city and 11 or 32 percent have been used so far.

• Sun Valley General Improvement District (SVGID)
SVGID once again distributed devices for NREP. The GID is a central location between the valley and the Spanish Springs area of Sparks. The entity offered educational materials on the radioactive gas along with the test kits. About 75 devices were given out this NRAM period and 27 or 36 percent were used by the end of March.

• Central Lyon County Fire Protection District
The Central Lyon County Fire Protection District, or the Dayton Fire Station as it is also known, as served as a device disposal location for a fourth year. The station handed out 23 kits to residents from Jan. 1 to Feb. 28 and 13 or 37 percent were deployed by the quarter’s end.

• City of Fernley
Fernley City Hall has provided its community with test kits for a fifth year, along with advertising that the devices are free on their reader board and website. At least 75 kits were given out to city residents, and 35 or 47 percent of the kits were utilized to date.

• Washoe County Library System
The Washoe County Library System remains a faithful supporter of the radon program’s NRAM activities. The system continues to promote free test devices and presentations through displays, calendar listings, signs and social media. NREP spoke to patrons at the Northwest Reno, South Valleys, Sparks, North Valleys and Spanish Springs libraries this year.

• Clark County Library District
Las Vegas-Clark County Library District maintains its support of NREP through advertising radon presentations and the free kit period, as well as on library websites. Rainbow, Sahara, Laughlin, Clark County, Mesquite, Windmill and Summerlin libraries all hosted speaking engagements. Around 94 people took part in these lectures.

• Boulder City Senior Center, City of North Las Vegas Library District and Henderson libraries
Boulder City Senior: Center, Aliante Library and Paseo Verde Library were three other

continued, See NRAM, Page 12
Radon on the internet...

1-2-19 kolo8.com
Free radon test kits available for Nevadans

1-4-19 nevadabusiness.com
Smart Strategies Workshop Jan. 12 Provides Training on Homeownership, Home Repair and Radon

1-12-19 CarsonNow!
Carson NOW! Smart Strategies Workshops: Home Ownership, Home Repair and Radon 

1-19-19 ktvn.com
Radon Awareness Presentations
February 1st: Sparks Library, 6:00 p.m.
February 8th: South Valleys Library, 2:00 p.m.

1-19-19 unce.unr.edu
Free radon testing kits available in Clark County

1-21-19 recordcourier.com
The Record-Courier
Middle school girl's radon poster goes to nationals

1-24-19 foressen.com
Get a free Radon test kit during Nv Radon Action Month

2-2-19 mgvprogress.com
Progress
M.V. Homeowners Urged To Test Homes For Radon

2-8-19 elkoeadvocate.com
Free kits, presentations on radon safety

2-10-19 mgvprogress.com
Nevada Radon Education Program
Gensan Town Hall Presentation January 9th, 6:30 pm

3-1-19 mynews4.com
Homeownership, home repair and radon workshop in Carson City

3-19-19 reno.gazettejournal.com
Free kits to test for deadly gas available through February

3-19-19 recordcourier.com
The Record-Courier
Middle school student's radon awareness poster wins national contest

4-10-19 mgvprogress.com
Nevada Radon Education Program
Gensan Town Hall Presentation January 9th, 6:30 pm

4-24-19 southernnevadahealthdistrict.org
Learn About Radon in Clark County - Free Presentations

September 2019 - Page 11

University of Nevada Cooperative Extension Radon Education Program  "www.RadonNV.com  1-888-RADON10 (888-723-6610)
locations that allowed NREP to offer radon lectures. Henderson libraries promoted the event at Paseo Verde Library on their websites and calendars. A total of 30 individuals attended talks at those locations.

- **Incline Village General Improvement District (IVGID)**
  IVGID has assisted the NREP since the end of 2008 by advertising speaking engagements and free short-term kits in their December utility billing. The Incline Village Recreation Center has been a year-round test kit distribution point from December 2011 onward. More than 1,370 devices were provided to state residents by IVGID since that time. At least 115 kits were given out this National Radon Action Month and 37 percent of the kits were used. This is also the fifth year that IVGID provided a NRAM proclamation.

- **Tahoe Regional Planning Agency (TRPA)**
  TRPA hosted a presentation on Jan. 22 and nine California and Nevada residents attended. The program was the second joint Nevada-California collaborative effort.

- **Certified radon professionals**
  American Association of Radon Scientists and Technologists-National Radon Proficiency Program (AARST-NRPP) certified mitigator Norm Denny of Pinnacle Construction and certified measurement professional Bob Knauff of Beacon Inspection Services aided NREP with presenting portions of several lectures during the 2019 NRAM season. The expertise of certified radon testers and mitigators is priceless and esteemed by audiences.

### Newsletters

The Nevada Radon Education Program seeks support from entities that produce newsletters by asking those organizations to include information about radon, NREP and NRAM. The following groups included information in their newsletters this National Radon Action Month. The number of individuals that receive these communications is in parentheses. (See Radon in Newsletters on Page 13.)

- Canyon Vista Living newsletter for January 2019 (122)
- Clark County School District's Jan. 24 e-newsletter (337)
- Genoa Connection Winter 2018-2019 newsletter (1,000)
- Incline Village GID Public Works News December 2018 (4,200)
- Kiwanis of Green Valley February 2019 newsletter (40)
- Las Vegas Weekly Feb. 21-27 (62,682)
- Nevada Cancer Coalition January newsletter (1,056)
- Nevada Dept. of Public Safety, Division of Emergency Management, Daily Situation Report Jan. 2
- Nevada Realtors, January newsletter (17,000 Realtors)
- Nevada System of Higher Education e-newsletter Jan. 2, Jan. 4, Jan 12, Jan. 25 (5,420)
- Osher Lifelong Learning Institute Feb. 1 News You Can Use (1,225)
- Reno-Sparks Indian Colony December newsletter (854)
- Spirit, Sun City Anthem January 2019 newsletter (6,000+)
- Summerlin Rotary Club Feb. 5 Meeting Reminder (60)
- Sun Valley GID 2019 Winter newsletter (6,000)
- Washoe County Chronic Disease Coalition January and February newsletters (320+)
- Washoe County Library System January Newsletter (4,271)
- Washoe Tribe of Nevada & California Environmental Protection Department January newsletter

### Radon Presentations

During this National Radon Action Month season, the NREP team and affiliates gave 42 presentations and spoke at 17 city council, commissioner or board meetings to accept declaration requests reaching more than 1,148 people in in the state. At least 700 short-term test kits were handed out to the people who attended these events. By the end of the quarter, at least 194 or 28 percent of those devices were used. (See presentation recaps on Page 6.)

### Test Kit Distribution

From Jan. 1 to Feb. 28 about 2,875 short-term and 40 long-term test devices were distributed to Nevada residents. At the quarter's end, at least 1,308 or 45 percent of the short-term kits were used. Short-term devices were free to all Nevadans during National Radon Action Month and partnering organizations, Town of Tonopah, City of Henderson, Storey County Senior Center, Lockwood Senior Center, Tahoe Regional Planning Agency, Gardnerville Ranchos GID, Town of Genoa, City of West Wendover, Fernley City Hall, Central Lyon County Fire District, Incline Village Recreation Center, Sun Valley GID, Cooperative Extension Offices and local mitigators helped distribute the devices. Short-term kits are available for $10 each when it is not NRAM season.

### Additional Outreach Events

During NRAM, several news releases were submitted to the media. As a result, at least 13 news articles were published, a television report was broadcasted (KRRN), and 35 website articles displayed information about the carcinogen, free kits and presentation details. Social media was also used to raise awareness throughout Nevada. At least 34 Facebook posts were made during NRAM, with 7,281 people reached. At least 31 messages on the gas were tweeted, which garnered 14,241 impressions and 180 individuals were engaged with those tweets (See top social media posts on Page 15). NREP's website had 66,586 hits, 13,320 visitors, 16,874 page views and 11,111 webpages downloaded.

### Proclamations

Proclamations were requested and received from the following 45 government entities:

(See proclamations article on Page 4.)

1. Assemblywoman Sarah Peters
2. Nevada Nurses Association
3. Nevada Association of Counties
4. Washoe County Health District
5. Southern Nevada Health District
6. Carson City Board of Supervisors
7. Churchill County Board of Commissioners
8. Clark County Board of Commissioners
9. Douglas County Board of Commissioners
10. Elko County Board of Commissioners
11. Eureka County Board of Commissioners
12. Humboldt County Board of Commissioners
13. Lander County Board of Commissioners
14. Lincoln County Board of Commissioners
15. Lyon County Board of Commissioners
16. Mineral County Board of Commissioners
17. Nye County Board of Commissioners
18. Pershing County Board of Commissioners
19. Storey County Board of Commissioners
20. Washoe County Board of Commissioners
21. White Pine County Board of Commissioners
22. Boulder City, Mayor Rodney Woodbury
23. City of Carlin, Mayor Dana Holbrook
24. City of Elko, Mayor Reece Keener
25. City of Ely, Melody VanCamp
26. City of Fallon, Mayor Ken Tedford
27. City of Fernley, Mayor Roy Edington Jr.
28. City of Henderson, Mayor Debra March
29. City of Las Vegas, Mayor Carolyn Goodman
30. City of Lovelock, Mayor Michael Giles
31. City of Mesquite, Mayor Allan Litman
32. City of North Las Vegas, Mayor John Lee
33. City of Reno, Mayor Hillary Schieve

» continued, See NRAM, Page 18
Radon in newsletters...

Nevada Realtors Education Program

Las Vegas Weekly - Feb. 21-27, 2019

Genoa Connection Winter 2018-19

Sun Valley CID Pipeline News Winter 2019

Igigid Public Works News December 2019

The Communiqué - January 2019

Mountain View Hospital - January 2019

Canyon Vista Living - January 2019

Nevada Cancer Coalition eNews 1-9-19

Reno-Sparks Indian Colony & NV Communities - Dec. 2018

Washoe County Chronic Disease Coalition Newsletter - February 2019

Health to You - Southern Hills Hospital January 2019

Radon resources abound for NV homeowners

Radon is a naturally-occurring radioactive gas that is colorless, odorless and tasteless. It is a major cause of lung cancer and is the second leading cause of lung cancer deaths in the United States. Radon is found in every state, and the Environmental Protection Agency (EPA) has determined that the amount of radon in your home can vary greatly. The EPA estimates that 15% of homes built before 1980 have elevated levels of radon. Every year, radon-related lung cancer kills more than 20,000 Americans.

Did you know?

• Radon is the #2 killer of lung cancer - behind cigarette smoke.
• Radon can be found in every state.
• Radon only kills those who breathe it.
• Radon can be easily reduced with a radon mitigation system.

The University of Nevada Cooperative Extension is offering free radon test kits to test your home for radon. It is a simple test that you can administer in just a few minutes. The kits are shipped by mail and you can test your home for radon. The test results will be sent to you by mail. The University of Nevada Cooperative Extension is also offering radon mitigation systems for those who have elevated levels of radon in their home. The mitigation systems can be purchased through the University of Nevada Cooperative Extension.

The University of Nevada Cooperative Extension is offering free radon test kits available to the public. You may get your kit, while supplies last, during regular business hours at the District office. To learn more about Radon in Nevada please visit www.RadonNV.com or call 1-888-RADON10. Kits can be picked up from the office during January and February.

Nevada System of Higher Education News Jan. 2, 4, 12, 25, 2019

NSHE in the News

NSHE in the News

Thank you for subscribing to our daily news clips about the Nevada System of Higher Education. News clips are sent Monday through Friday, excluding holidays.

Nevada System of Higher Education News Jan. 2, 4, 12, 25, 2019

NSHE in the News

Thank you for subscribing to our daily news clips about the Nevada System of Higher Education. News clips are sent Monday through Friday, excluding holidays.

Nevada System of Higher Education News Jan. 2, 4, 12, 25, 2019

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Nevada System of Higher Education News Jan. 2, 4, 12, 25, 2019

NSHE in the News

Thank you for subscribing to our daily news clips about the Nevada System of Higher Education. News clips are sent Monday through Friday, excluding holidays.
Presentations
Continued from Page 7

kits and 62 people heard her speak. Five of the test devices have been used so far.


Sahara West Library, Las Vegas – Jan. 24
Noel and Knauff taught 17 patrons about the radioactive gas at the Sahara West Library. At least 13 test kits were distributed and so far, seven of the devices have been used.

Noel spoke to 26 Kiwanians on Jan. 25 at the Omelet House in Las Vegas.

The Kiwanis Club of Las Vegas Strip – Jan. 25
Noel spoke to 26 Kiwanians about the carcinogen at the morning meeting. Fourteen test kits were given to attendees, but only two of the devices have been deployed.

Laughlin Library – Jan. 26
Noel educated 21 Laughlin Library patrons on radon. Sixteen test devices were distributed and six of them have tested during this quarter.

Noel and Knauff spoke to 16 attendees at the Rainbow Library on Jan. 27.

Rainbow Library, Las Vegas – Jan. 27
Knauff and Noel offered a radon lecture to 16 attendees at the Rainbow Library. Of the 17 test kits given out, nine have been utilized so far.

Las Vegas Southwest Rotary Club – Jan. 28
About 23 Rotarians took part in Noel’s presentation. Of the 19 test kits distributed, two have been used.

Windmill Library, Las Vegas – Jan. 28
Six Windmill Library patrons attended a talk offered by Knauff and Noel on Jan. 28. Three test kits were taken and two were utilized this quarter.

Noel and Knauff spoke to 29 seniors at the Mountain View Hospital on Jan. 29.

Noel and Knauff spoke to 29 seniors at Mountain View Hospital about radon’s health risk and gave out 28 test kits. So far, 11 of the test kits have been used.

Noel and Knauff shared the radon message with 15 attendees at the Paseo Verde Library on Jan. 29.

Paseo Verde Library, Henderson – Jan. 29
Knauff and Noel shared the radon message with 15 attendees at the Paseo Verde Library. Attendees received 13 test kits and six of those kits have been utilized thus far.

Moapa Valley Rotary Club, Logandale – Jan. 30
Ten Moapa Valley Rotarians learned about radon from Noel on Jan. 30. Eight test kits were taken by the audience and two have been used.

Health 2 U Southern Hills Hospital, Las Vegas – Jan. 30
Noel spoke to 13 seniors at the Southern Hills Hospital meeting. Four of the 12 test kits that were given out were used by the quarter’s end.

Clark County Library, Las Vegas – Jan. 30
Thirteen Clark County Library patrons learned about radon from Noel and Knauff. The patrons received 22 test kits and five of them have tested for the gas so far.

Noel and Knauff spoke to 33 Realtors at Realty One Group Southwest about Radon and the use of certified professional testers for real estate transactions.

Realty One Group Southwest, Las Vegas – Jan. 31
At least 33 Realtors were educated on radon resources and professional testing by Noel and Knauff. The Realtors took 23 test kits and three kits were deployed this quarter.

Desert Newcomers, Henderson – Jan. 31
Noel shared the radon message with 65 women of the Desert Newcomers group. Only six of the 38 test kits that were given out have been deployed by Mar. 31.

Noel and Knauff spoke to 15 people at Summerlin Library on Jan. 31.

Summerlin Library, Las Vegas – Jan. 31
Knauff and Noel spoke to 15 people about the radioactive gas at Summerlin Library. The presentation participants took 17 test kits and six have been used to date.

Noel and Knauff talked to six people at Mesquite Library on Feb. 1.

Mesquite Library – Feb. 1
Knauff and Noel talked to six Mesquite residents about the health risk of radon. Nine test kits were given out and only one has been deployed so far.

Green Valley Kiwanis Club, Henderson – Feb. 2
About 41 Green Valley Kiwanis Club members heard the radon message from

» continued, See PRESENTATIONS, Page 16
Radon on social media...

January-March 2019 Nevada Radon Education Facebook page posts

1-3-19 901 people reached, 57 engagements
University of Nevada Cooperative Extension
Nevada Radon Education
Nevada Radon Education Program

1-19 776 people reached, 112 engagements
Nevada Radon Education
UNR NewsBeat in Nevada Journal 1

Smart Strategies Workshop for Homeownership, Repairs & Radon
Come Learn About
- Buying a Home & Down Payment Assistance
- How to Spot Radon in Your Home & Afterwater Fixtures
- Preventing Your Home From Lung Cancer Caused by Radon

1-19 1588 impressions, 3 retweets
Nevada Radon Education

1-19 1707 impressions, 42 engagements, 1 retweet
Nevada Radon Education

2-22-19 2267 people reached, 104 engagements
Nevada Radon Education
Nevada Radon Education is giving a free radon presentation and test kit in the City of Henderson Government on Jan. 28 @ 5 p.m. at Paseo Verde Library, one of the Henderson Libraries. To find out more about this and other presentations taking place in Clark County, Nevada, visit NevadaRadon.com.

2-22-19 1487 impressions, 19 engagements, 6 retweets
Nevada Radon Education

3-1-19 971 impressions, 8 engagements, 2 retweets
Nevada Radon Education

University of Nevada Cooperative Extension Radon Education Program • www.RadonNV.com • 1-888-RADON10 (888-723-6610)
Presentations
Continued from Page 7

Noel spoke to the Green Valley Kiwanis Club members at their morning breakfast meeting Feb. 2.

Noel at their weekend breakfast meeting. Fourteen test devices were distributed and two were used this quarter.

Boulder City Senior Center – Feb. 4

Four seniors learned about radon gas from Noel and Knauff at Boulder City Senior Center. Six test kits were given out and three have been used so far.

Noel taught 11 Boulder City Lions Club members about radon on Feb. 5.

Rotary Club of Las Vegas, Summerlin – Feb. 5

Twenty-seven Summerlin Rotarians watched a radon presentation provided by Noel. The attendees took 12 test devices and four have been deployed to date.

Boulder City Lions Club – Feb. 5

Noel taught 11 Lions Club members about radon’s health risk and provided them with five test kits. So far only one of the test devices has been used.

City of Henderson Council Meeting – Feb. 5

Henderson City Council bestowed a decree announcing January as National Radon Action Month and 124 residents witnessed it. Noel gave a brief message.

Elko County Library – Feb. 12

Noel offered a presentation to 19 Elko County Library attendees. Twelve test kits were taken by the audience and two were used by the end of the quarter.

Carlin Library – Feb. 13

Noel was scheduled to offer a radon presentation at the library, but the event was canceled due to poor weather conditions. The NREP Education Coordinator was still able to talk to three people about radon and give out two test kits.

Elko Lions Club – Feb. 12

Noel presented to 20 Lions Club members about the health risk of radon, how to test for the gas and the process of reducing an elevated level of it. Twelve test kits were given out.

City of Elko Proclamation – Feb. 12

Noel received the City of Elko declaration on Feb. 12, a month after it had been proclaimed in the city. Mayor Reese Keener was so enthusiastic about the decree that he read it at both the January and February city council meetings. Thirty-two people were present for the declaration and four test kits were given out afterward. So far only one test device has been used.

Aliante Library, North Las Vegas – Feb. 4

Ten Aliante Library patrons learned about the radioactive gas from Noel and Knauff. Eight kits were distributed and half were utilized this quarter.

Keller Williams Group One Realty, Elko – Feb. 12

Noel offered the Nevada Real Estate Commission-approved one-hour continuing education course to 20 real estate professionals at Keller Williams Group One Realty in Elko. After the class, she gave out 11 test kits and so far, one of them has been deployed. (See the NREP offers education class to Realtors’ article on Page 1.)

NREP recognized at the Nevada Legislature

On Mar. 5 the Nevada Radon Education Program (NREP) staff manned an exhibit booth in the Nevada Legislature Building foyer to offer free test kits and literature to 101 guests in the building as well as staff and legislature members passing by. Promotional items, literature, maps and fact sheets were also provided.

NREP staff were invited to attend a Senate meeting as guests of Senator Heidi Gansert. During the session, Gansert introduced Susan Howe and Nadia Noel, sharing information about the NREP staff’s radon careers and education.

After leaving the Senate floor, Howe and Noel visited Senate offices to offer free kits and educational information to those who were unable to visit the foyer table. About 80 free test kits were distributed during the day and nine were used by the end of March.

NREP staff had an exhibit booth at the Legislative Building foyer on Mar. 5, offering free test kits and literature.

Howe and Noel were able to take a photo with Senator Heidi Gansert, their host on the Senate floor,
Numbers compared to last year, last quarter

January's National Radon Action Month activities usually result in a larger number of radon test kits distributed and used, homes mitigated and homes tested during real estate transactions than any other quarter during the year.

Distribution Numbers
The total number of kits distributed over the years now totals 61,109, which is 4,321 more than a year ago. Of the kits distributed over the program’s lifetime, 52,524 are used, a 53.2 percent overall usage rate.

Number of Homes Tested
The total number of homes self-tested and reported from professionals since 1989 is 29,476, an increase of 1,705 homes since last year, and an increase of 1,046 over last quarter. According to the Occupied Housing Units data for Carson City, Clark and Washoe counties from the 2016 American Community Survey one-year estimates and the total housing unit data for other counties from the ACS five-year estimate, there are 992,480 Nevada housing units, and 2,97 percent were tested for radon.

Number of Homes Mitigated
The number of reported homes mitigated now totals 1,361, which amounts to 22.5 percent of the houses that we are aware of needing mitigation (from long- and short-term radon test results) were mitigated. The total number of homes mitigated increased this year by 150, and increased by 44 for the quarter.

Number of Homes Tested before purchase
The total number of reported homes tested for radon in a real estate transaction now totals 2,811, an increase of 510 over last year, and an increase of 127 over last quarter.

Number of RRNC Homes
The total number of reported homes built with Radon-Resistant New Construction (RRNC) techniques is 507, an increase of 26 over the year and 17 over the last quarter.

These numbers are provided to show the degree of impact that NREP’s educational efforts are having in testing and mitigating, building new homes radon-resistant, and for home purchase education.

Nevada Radon Education Program’s Impact Data as of 3-31-19

<table>
<thead>
<tr>
<th>County</th>
<th>% Radon Potential</th>
<th>% Usable ST Test Results</th>
<th>% Kits distributed used**</th>
<th>% Homes tested</th>
<th>% Mitigations</th>
<th>% Real Estate</th>
<th># RRNC</th>
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</thead>
<tbody>
<tr>
<td>Carson City</td>
<td>1,908</td>
<td>1,148</td>
<td>760</td>
<td>39.9%</td>
<td>4.49</td>
<td>0.69</td>
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<td>Churchill</td>
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<td>410</td>
<td>73</td>
<td>16.0%</td>
<td>2.75</td>
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<tr>
<td>Clark</td>
<td>3,713</td>
<td>3,300</td>
<td>411</td>
<td>11.1%</td>
<td>2.97</td>
<td>1.00</td>
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<tr>
<td>Douglas</td>
<td>4,427</td>
<td>2,833</td>
<td>1,804</td>
<td>40.7%</td>
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<td>117.3</td>
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<tr>
<td>Elko</td>
<td>479</td>
<td>365</td>
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<td>36.3%</td>
<td>4.54</td>
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<tr>
<td>Esmeralda</td>
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<td>1.40</td>
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<td>Eureka</td>
<td>26</td>
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<td>0%</td>
<td>4.34</td>
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<tr>
<td>Humboldt</td>
<td>301</td>
<td>214</td>
<td>87</td>
<td>28.9%</td>
<td>4.19</td>
<td>5.83</td>
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<tr>
<td>Lander</td>
<td>155</td>
<td>131</td>
<td>24</td>
<td>15.5%</td>
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<tr>
<td>Lincoln</td>
<td>80</td>
<td>54</td>
<td>26</td>
<td>25.5%</td>
<td>2.83</td>
<td>1.21</td>
<td>0.95</td>
</tr>
<tr>
<td>Lyon</td>
<td>1,230</td>
<td>888</td>
<td>131</td>
<td>27.5%</td>
<td>3.48</td>
<td>1.35</td>
<td>2.72</td>
</tr>
<tr>
<td>Mineral</td>
<td>106</td>
<td>63</td>
<td>43</td>
<td>40.6%</td>
<td>4.74</td>
<td>31.1</td>
<td>3.08</td>
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<tr>
<td>Nye</td>
<td>181</td>
<td>167</td>
<td>14</td>
<td>7.7%</td>
<td>1.83</td>
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<td>205</td>
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<td>120</td>
<td>58.3%</td>
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<td>12</td>
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<td>25.5%</td>
<td>3.61</td>
<td>195.0</td>
<td>1,619</td>
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</table>

* # Valid Tests and # Homes Tested: Data from Nevada Radon Program’s database of test results was combined with information provided from certified Radon Measurement and Mitigation Providers (Radiological Science, Energy, and Physics, Inc; American Radiological Science, Energy, and Physics, Inc; Air Chek Inc; Nevada Division of Public and Behavioral Health; Radiation Mitigation Program and the Washoe County Health Department. The Occupied Housing Units data for Carson City, Clark and Washoe counties is from the 2016 American Community Survey 1-year estimates and the total housing units data for other counties are from the ACS 5-year estimates.

**# Test kits Distributed: includes only short- and long-term tests distributed by the Nevada Radon Education Program, Nevada Division of Public and Behavioral Health - Radiation Mitigation Program, and the Washoe County Health Department.

+ Homes that originally tested at or above the EPA Action Level of 4 pCi/l, that subsequently tested below the action level using a long-term test device, were subtracted from the list of homes ≥ 4 pCi/l.

Realtors
Continued from Page 1

had learned about radon. The group asked a number of questions. Several attendees stated that the course was the best course they had taken in relation to their profession.

The second class was at Berkshire Hathaway Home Services in Sparks on Mar. 25, where NREP Director Howie and Education Coordinator Noel offered the course to 16 real estate staff. Danielle Snow, office manager, contacted Noel about educating their Realtors on the carcinogen and during the presentation, told her staff to only have a professional test for the gas during a real estate transaction because she doesn’t want any liability issues.

The Realtors enjoyed the training, with many of the attendees rating the course as being excellent with comments of “Very informative” and “Great information and presenters.” The feedback from the evaluations will be used for future class improvements. After the presentation, the attendees received a total of 13 short-term test kits to use in their own homes.

NREP hopes to offer the class to more Realtors throughout the year.

Greenbrae Lions Club learns about radon

Nadia Noel, education coordinator, educated 20 Greenbrae Lions Club members during the Mar. 19 meeting at Denny’s in Sparks. At least 19 test kits were distributed to members.

Noel spoke to 20 Sparks Greenbrae Lions Club members on Mar. 19.
## Radon Education Program Numbers

<table>
<thead>
<tr>
<th>UNCE Radon Program Numbers</th>
<th>prior to Sep 07</th>
<th>FY 08</th>
<th>FY 09</th>
<th>FY 10</th>
<th>FY 11</th>
<th>FY 12</th>
<th>FY 13</th>
<th>FY 14</th>
<th>FY 15</th>
<th>FY 16</th>
<th>FY 17</th>
<th>FY 18</th>
<th>Jul - Sep 07</th>
<th>Oct - Dec 07</th>
<th>Jan - Mar 08</th>
<th>Totals</th>
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<td><strong>Radon phone and email inquiries</strong></td>
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<td>2,468</td>
<td>1,911</td>
<td>2,209</td>
<td>1,946</td>
<td>3,148</td>
<td>1,899</td>
<td>1,349</td>
<td>1,814</td>
<td>1,790</td>
<td>1,351</td>
<td>242</td>
<td>466</td>
<td>545</td>
<td>23,668</td>
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<td>1</td>
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<tr>
<td><strong>Large buildings tested</strong></td>
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<td>12</td>
<td>23</td>
<td>33</td>
<td>101</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>404</td>
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<tr>
<td><strong>Large buildings mitigated</strong></td>
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<td><strong>Certified Mitigators</strong></td>
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<td><strong>Builders using RRNC</strong></td>
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<td>4</td>
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<td><strong>Realtors promoting Radon testing</strong></td>
<td>26</td>
<td>7</td>
<td>3</td>
<td>32</td>
<td>23</td>
<td>39</td>
<td>65</td>
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<td></td>
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</tbody>
</table>

## Proclamations

Continued from Page 4

in advance of the proclamation on Dec. 20.
- Howe and Noel were given the Carson City Board of Supervisors decree on Jan. 3.
- Howe and Noel received the Douglas County proclamation on Jan. 7.
- Juliana Baker-Tingey, Elko County Extension Educator, accepted the Elko County Board of Commissioners’ declaration on Jan. 7.
- Howe and Noel accepted the Town of Gardnerville declaration on Jan. 8.
- Howe and Noel were provided with the Town of Minden proclamation on Jan. 9.
- Howe and Noel received the Town of Genoa decree on Jan. 10.
- Shannon Berumen, executive secretary for Lander County Cooperative Extension, accepted the Lander County Board of Commissioners’ declaration on Jan. 13.
- Howe and Noel were given the City of Sparks declaration on Jan. 14.
- Howe and Noel accepted the Washoe County proclamation on Jan. 15.
- Noel was given the Southern Nevada Health District decree on Jan. 24.
- Cherie Nevin, Community Relations Coordinator, received the Storey County proclamation on Feb. 5.
- Noel received the City of Henderson declaration on Feb. 5.
- Noel accepted the City of Elko proclamation on Feb. 12.

![Shannon Berumen accepted the Lander County Commissioners proclamation for NRAM on Dec. 13.](image1)

![Douglas County Commissioners proclaimed January as National Radon Action Month on Jan. 7.](image2)

![The Town of Minden approved a proclamation for National Radon Action Month on Jan. 9.](image3)

*University of Nevada Cooperative Extension Radon Education Program* *www.RadonNV.com* *1-888-RADON10 (888-723-6610)*

Howe and Noel accepted the National Radon Action Month proclamation offered by Sun Valley GID officers Dec. 13.
Calendar of events...

January 2019
unce.unr.edu/calendar

UNIVERSITY OF NEVADA, RENO - EVENT DETAILS

Carson City / Storey County National Radon Action Month Presentation
Jan. 12 - Smart Strategies Workshop for Homeowners, Repairs & Radon at Adams Hub Studio, 1111 W. Proctor St., Carson City, from 9 a.m. to noon. A collaborative effort with Nevada Rural Housing Authority, HomeAt Last Program, USDA Rural Development, and the Nevada Radon Education Program. The free workshop includes presentations.

February 2019
unce.unr.edu/calendar

UNIVERSITY OF NEVADA, RENO - EVENT DETAILS

Washoe County National Radon Action Month Presentations
• Jan. 12 at Sierra View Library, 2401 S. Virginia St., Reno, at 2 p.m.
• Jan. 13 at Spanish Springs Library, 7120-A Pyramid Hwy., Sparks, at 10 a.m.
• Feb. 2 at Northwest Reno Library, 2325 Rodeo Drive, Reno, at 3 p.m.

February 2019
newsreview.com

Free Radon Education Presentation
February 16, 2019, 9:30-10:30 a.m.
North Valley Library
1072 N Hills Blvd., Reno, NV
Directions
Price: Free - FREE
The Nevada Radon Education Program will give a FREE radon education presentation on Wednesday, Feb. 20 at North Valley Library. 1072 N Hills Blvd, Reno, NV. 8:30 am.

February 2019
newsreview.com

Free Radon Education Presentation
February 20, 2019, 10:00-11:00 a.m.
South Valley Library
5140 N. Virginia Rd., Reno, NV
Directions
Price: Free - FREE
The Nevada Radon Education Program will give a FREE radon education presentation on Friday, Feb. 22 at South Valley Library, 5140 N. Virginia Rd., Reno, NV.

January 2019
thisisreno.com

Free Radon Education Presentations
February 2, 2019, 1-2 p.m.
Schnuck's Library
5125 E. Sparks Blvd., Sparks, NV
Directions
Price: Free - FREE
The Nevada Radon Education Program will give a FREE radon education presentation on Thursday, Feb. 7 at Schnuck's Library, 5125 E. Sparks Blvd., Sparks, NV.

January 2019
thisisreno.com

Free Radon Education Presentations
February 2, 2019, 1-2 p.m.
Schnuck's Library
5125 E. Sparks Blvd., Sparks, NV
Directions
Price: Free - FREE
The Nevada Radon Education Program will give a FREE radon education presentation on Thursday, Feb. 7 at Schnuck's Library, 5125 E. Sparks Blvd., Sparks, NV.

January 2019
thisisreno.com

Free Radon Education Presentations
February 2, 2019, 1-2 p.m.
Schnuck's Library
5125 E. Sparks Blvd., Sparks, NV
Directions
Price: Free - FREE
The Nevada Radon Education Program will give a FREE radon education presentation on Thursday, Feb. 7 at Schnuck's Library, 5125 E. Sparks Blvd., Sparks, NV.

January 2019
thisisreno.com

Free Radon Education Presentations
February 2, 2019, 1-2 p.m.
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January 2019
thisisreno.com

Free Radon Education Presentations
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University of Nevada Cooperative Extension Radon Education Program * www.RadonNV.com * 1-888-RADON10 (888-723-6610)
Nevada Radon Short-Term Test Results*
From 1989 to March 31, 2019

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<th>Nevada counties</th>
<th>Carson City</th>
<th>Churchill</th>
<th>Clark</th>
<th>Douglas</th>
<th>Elko</th>
<th>Esmeralda</th>
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<tr>
<td>Total number of usable tests per county</td>
<td>1,908</td>
<td>499</td>
<td>3,713</td>
<td>4,437</td>
<td>479</td>
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<tr>
<td>EPA Action Level</td>
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<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
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<td>No. of short-term radon test results</td>
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<td>416</td>
<td>83</td>
<td>3,023</td>
<td>411</td>
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<tr>
<td>% of homes tested that have elevated radon levels</td>
<td>39.83%</td>
<td>16.63%</td>
<td>11.07%</td>
<td>40.66%</td>
<td>36.33%</td>
<td>sample size too small</td>
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Nevada counties
Eureka | Humboldt | Lander | Lincoln | Lyon | Mineral |
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<tbody>
<tr>
<td>Total number of usable tests per county</td>
<td>26</td>
<td>301</td>
<td>155</td>
<td>80</td>
<td>1,220</td>
</tr>
<tr>
<td>EPA Action Level</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>No. of short-term radon test results</td>
<td>18</td>
<td>8</td>
<td>214</td>
<td>87</td>
<td>131</td>
</tr>
<tr>
<td>% of homes tested that have elevated radon levels</td>
<td>30.77%</td>
<td>28.90%</td>
<td>15.48%</td>
<td>32.50%</td>
<td>27.13%</td>
</tr>
</tbody>
</table>

Nevada counties
Nye | Pershing | Storey | Washoe | White Pine |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of usable tests per county</td>
<td>181</td>
<td>205</td>
<td>45</td>
<td>10,700</td>
</tr>
<tr>
<td>EPA Action Level</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>No. of short-term radon test results</td>
<td>167</td>
<td>14</td>
<td>85</td>
<td>120</td>
</tr>
<tr>
<td>% of homes tested that have elevated radon levels</td>
<td>7.73%</td>
<td>58.54%</td>
<td>26.67%</td>
<td>21.87%</td>
</tr>
</tbody>
</table>

*Nevada Radon Long-Term Test Results**
From January 2001 to March 31, 2019

<table>
<thead>
<tr>
<th>Nevada counties</th>
<th>Carson City</th>
<th>Churchill</th>
<th>Clark</th>
<th>Douglas</th>
<th>Elko</th>
<th>Humboldt</th>
<th>Lander</th>
<th>Lincoln</th>
<th>Lyon</th>
<th>Mineral</th>
<th>Pershing</th>
<th>Washoe</th>
<th>White Pine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of usable tests per county</td>
<td>79</td>
<td>7</td>
<td>57</td>
<td>169</td>
<td>12</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>45</td>
<td>1</td>
<td>4</td>
<td>332</td>
<td>8</td>
</tr>
<tr>
<td>EPA Action Level</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>No. of long-term radon test results</td>
<td>36</td>
<td>43</td>
<td>6</td>
<td>1</td>
<td>44</td>
<td>13</td>
<td>128</td>
<td>41</td>
<td>7</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>% of homes tested that have high radon levels</td>
<td>54.4%</td>
<td>14.3%</td>
<td>22.8%</td>
<td>24.3%</td>
<td>41.7%</td>
<td>40.0%</td>
<td>33.3%</td>
<td>33.3%</td>
<td>17.8%</td>
<td>100%</td>
<td>50.0%</td>
<td>25.3%</td>
<td>25.0%</td>
</tr>
</tbody>
</table>

**Nevada Radon Zone Short-Term Test Result Summary**

<table>
<thead>
<tr>
<th>Zones</th>
<th>Counties</th>
<th>Total Tests</th>
<th>Test with 4 mol</th>
<th>% High radon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1 High Potential</td>
<td>Carson City, Douglas, Elko, Eureka, Humboldt, Lincoln, Lyon, Mineral, Pershing, Storey, Washoe, White Pine</td>
<td>18,724</td>
<td>5,771</td>
<td>29.26%</td>
</tr>
<tr>
<td>Zone 2 Moderate Potential</td>
<td>Churchill, Clark, Lander</td>
<td>4,367</td>
<td>518</td>
<td>11.86%</td>
</tr>
<tr>
<td>Zone 3 Low Potential</td>
<td>Nye, Esmeralda</td>
<td>184</td>
<td>14</td>
<td>7.61%</td>
</tr>
<tr>
<td>Statewide statistics</td>
<td></td>
<td>24,275</td>
<td>6,303</td>
<td>25.80%</td>
</tr>
</tbody>
</table>

**Nevada Radon Zone Long-Term Test Result Summary**

<table>
<thead>
<tr>
<th>Zones</th>
<th>Counties</th>
<th>Total Tests</th>
<th>Test with 4 mol</th>
<th>% High radon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1 High Potential</td>
<td>Carson City, Douglas, Elko, Eureka, Humboldt, Lincoln, Lyon, Mineral, Pershing, Storey, Washoe, White Pine</td>
<td>658</td>
<td>189</td>
<td>28.72%</td>
</tr>
<tr>
<td>Zone 2 Moderate Potential</td>
<td>Churchill, Clark, Lander</td>
<td>67</td>
<td>15</td>
<td>22.39%</td>
</tr>
<tr>
<td>Zone 3 Low Potential</td>
<td>Nye, Esmeralda</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Statewide statistics</td>
<td></td>
<td>725</td>
<td>204</td>
<td>28.14%</td>
</tr>
</tbody>
</table>

NRAM
Continued from Page 12
34. City of Sparks, Mayor Ron Smith
35. City of West Wendover, Mayor Daniel Corona
36. City of Winnemucca, Mayor Richard Stone
37. Town Board of Amargosa Valley
38. Town Board of Gardnerville
39. Town of Genoa
40. Town Board of Minden
41. Town of Tonopah
42. Gardnerville Ranchos General Improvement District
43. Gerlach General Improvement District
44. Incline Village General Improvement District
45. Sun Valley General Improvement District

Radon Zone Summaries

NRAM
Continued from Page 12
34. City of Sparks, Mayor Ron Smith
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This publication was supported by the Nevada Division of Public and Behavioral Health through Grant Number K1-85693519-0 from the U.S. Environmental Protection Agency. Its contents are solely the responsibility of the authors and do not represent the official views of the Nevada Division of Public and Behavioral Health nor the U.S. Environmental Protection Agency.
Learn about RADON in Washoe County

RADON is a naturally occurring radioactive gas that can seep into your home from the ground, increasing your risk for LUNG CANCER. All homes should be tested!

FREE RADON PRESENTATIONS

THURSDAY, JAN. 9, 6 p.m.
IVGID Public Works
1220 Sweetwater Road, Incline Village

WEDNESDAY, JAN. 15, 6 p.m.
South Valleys Library
15650 Wedge Parkway, Reno

SATURDAY, JAN. 18, 11 a.m.
Sparks Library
1125 12th St., Sparks

SUNDAY, JAN. 19, 11 a.m.
Downtown Reno Library
301 South Center St., Reno

SATURDAY, FEB. 8, 11 a.m.
Northwest Reno Library
2325 Robb Drive, Reno

FREE RADON TEST KITS
(Jan. 1 - Feb. 29)

EXTENSION, WASHOE COUNTY
(M-F, 8 a.m. - 5 p.m.)
4955 Energy Way, Reno
Phone: 888-723-6610

INCLINE VILLAGE RECREATION CENTER
(M-F, 6 a.m. - 9 p.m.; S-Sn, 7 a.m. - 8 p.m.)
980 Incline Way, Incline Village
Phone: 775-832-1300

SUN VALLEY GID
(M-F, 8 a.m. - 5 p.m.)
5000 Sun Valley Blvd., Sun Valley
Phone: 775-673-2220

RADON is colorless, odorless and tasteless; the only way to detect it is to TEST

Radon is the primary cause of LUNG CANCER for non-smokers

Most RADON exposure happens in homes

1 IN 5 homes tested in Washoe County have an elevated level of RADON

FOR MORE RADON INFORMATION
Radon Hotline: 888-RADON10 (888-723-6610)
MORE FREE RADON PRESENTATIONS IN NEVADA

**Carson City**
**TUESDAY, JAN. 14, 6:30 P.M.**
Carson City Senior Center
911 Beverly Drive, Carson City, 89706

**Douglas County**
**THURSDAY, JAN. 16, 6:30 p.m.**
Genoa Town Hall
2287 Main Street, Genoa, 89411

**THURSDAY, JAN. 30, 6 p.m.**
CVIC Hall
1604 Esmeralda Ave., Minden, 89423

**THURSDAY, FEB. 6, 6 p.m.**
Tahoe Regional Planning Agency
128 Market St., Stateline, 89449

**Storey County**
**WEDNESDAY, FEB. 12, 12:15 p.m.**
Lockwood Senior Center
800 Peri Ranch Road, Lockwood, 89434

**THURSDAY, FEB. 20, 1 p.m.**
Storey County Senior Center
100 Mill St., Virginia City, 89440

**Clark County**
**WEDNESDAY, JAN. 22, 6 p.m.**
Clark County Library
1401 E. Flamingo Road
Las Vegas, 89119

**FRIDAY, JAN. 24, 10:30 a.m.**
James Gibson Library
100 W. Lake Mead Parkway
Henderson, 89015

**FRIDAY, JAN. 24, 5:30 p.m.**
A.D. Guy Knowledge Center
817 N St., Las Vegas, 89106

**SATURDAY, JAN. 25, 3 p.m.**
Boulder City Library
701 Adams Blvd., Boulder City, 89005

**SUNDAY, JAN. 26, 2 p.m.**
Sahara West Library
9600 W. Sahara Ave., Las Vegas, 89117

**MONDAY, JAN. 27, 6 p.m.**
Paseo Verde Library
280 S. Green Valley Parkway
Henderson, 89012

**TUESDAY, JAN. 28, 6 p.m.**
Summerlin Library
1771 Inner Circle Drive
Las Vegas, 89134
FREE* Radon Test Kit Coupon
*plus shipping fee for mail orders
For Nevada residents only
Offer ends Feb. 29, 2020

This special radon test kit offer is provided by
University of Nevada, Reno Extension Nevada Radon
Education Program, the Nevada Division of Public
and Behavioral Health and the U.S. Environmental
Protection Agency. The test kit includes analysis,
postage-paid mailer and laboratory test report.

NAME __________________________
MAILING ADDRESS____________________
CITY _____________ STATE _____ ZIP ______
PHYSICAL ADDRESS_____________________
CITY _____________ STATE _____ ZIP ______
PHONE ( ) _____________________________
EMAIL ________________________________

How did you hear about radon? ____________________________

Free kits can be picked up at a local Extension or partner
office listed in this brochure.
To receive a kit by mail during the free period, A SHIPPING
FEE of $4 APPLIES. Please make checks payable to Board
of Regents and mail this coupon to:
Nevada Radon Education Program
4955 Energy Way
Reno, NV 89502

NOTE: For out of state residents or to get a test kit after
the coupon expires, go to https://myStradonkit.eventbrite.com
using American Express, Discover, MasterCard and
Visa cards, or mail this coupon and a $14 check payable to
Board of Regents to the address above, or visit an Extension
office near you.

Office Use
DATE: _____________________________
TEST KIT NUMBER: _____________________________

Code:
NRAM 2020 Washoe County
Kit not intended for commercial use or resale

What is radon?

• Radon is a naturally occurring radioactive
gas that you can’t see, smell or taste.
• It is produced from the decay of
uranium present in rock and soil.
• Radon can accumulate in buildings, causing an
increased risk for lung cancer.

How does radon enter a home?

Radon usually enters building from the soil. Common entry
points include:
• Cracks in the foundation and walls
• Construction joints
• Gaps in suspended floors
• Gaps around service pipes
• Floor drains, sump pumps
• Retaining walls

What are the health effects from
exposure to radon?

• Radon is the leading cause of lung cancer
among nonsmokers.
• Lung cancer is the only health effect that has
been scientifically linked to radon exposure.
• The U.S. Environmental Protection Agency estimates radon is
responsible for 21,000 lung cancer deaths
each year in the United States.
• Smokers are at higher risk of developing
radon-induced lung cancer.
• According to experts, living in a home
with an average radon level of 4 pCi/l (the
EPA Action Level) poses a similar risk of
developing lung cancer as smoking about
half a pack of cigarettes a day.
• The U.S. Surgeon General and EPA
recommend all homes be tested for radon.

Comparison of causes of death

21,000
Lung Cancer
Deaths per year in the U.S.

Lung Cancer Caused by
Smoking
7,300

Cancers Caused by
Radiation
2,775

Unnatural Causes
430

Safety Administration, 2014 Centers for Disease Control and Prevention,
2017 National Safety Council, 2016 U.S. Fire Administration and 2019
Centers for Disease Control.

Like us on Facebook: NevadaRadonEducation
Follow us on Twitter: @NVRadonProgram
www.RadonNV.com or 888-RADON10
How do you know if your home has a radon problem?

- One in 4 Nevada homes tested have elevated radon concentrations.
- The U.S. Surgeon General recommends all homes be tested for radon.
- Radon can enter any home, old or new, large or small.
- Two neighboring houses can have totally different radon levels.
- Slab, basement or crawl space foundations all have the potential for a radon problem.
- Homes in 12 Radon Zone 1 counties have the highest occurrence for elevated radon levels. Zone 1 counties are Carson City, Douglas, Elko, Eureka, Humboldt, Lincoln, Lyon, Mineral, Pershing, Storey, Washoe and White Pine.
- The only way to know the radon level in your home is to test.

Nevada Radon Results

Testing for radon is easy

- The test is easy to do and takes three days to complete.
- The test kit includes a radon detector, instructions, a postage-paid return mailer, and the laboratory analysis report.
- Short-term radon test kits are available to Nevada residents at Cooperative Extension offices listed or by filling out the attached coupon.

Private water wells and radon

The Nevada Division of Public and Behavioral Health has found no evidence that radon in water contributes significantly to the indoor radon problem in Nevada. The major health concern for radon is from breathing elevated levels of radon in the air, which can cause lung cancer. Thus, test the home for radon in air first before considering a radon in water test.

Generally, private wells are more apt to have radon concentrations in public water systems. If you are interested in testing your private well water, a number of sources are available for testing radon in water. The Nevada State Public Health Laboratory, located on the UNR campus, will send water samples for analysis to an EPA approved lab for about $89. For more information, call the Nevada Radon Hotline.

How do you fix a radon problem?

- Homes with high radon levels can be fixed.
- If you have performed only a single test, the EPA recommends a second test to confirm your results before fixing your home.
- Radon levels fluctuate naturally, and it is important to know if the initial test was an accurate assessment of your home’s yearly average radon level.
- If the average of the two tests is at or above the EPA Action Level of 4 pCi/l it is time to address the problem.
- There are several radon mitigation strategies which involves installing a vent system with an active fan. The system will draw out the harmful soil gas and prevent it from entering your home.
- Certified radon mitigators, with a state contractor’s license, are highly recommended for fixing radon problems.

For certified Nevada radon mitigators, go to:
- http://aarst-nrrp.org
- http://www.nrsb.org

For more information

Nevada Radon Education Program
Nevada Radon Hotline: 888-RADON10 (888-723-6610)
Email: Susan Howe - sshowe@unr.edu
Nadia Noel - nadian@unr.edu
Radon in Nevada website: www.RadonNV.com

Nevada Division of Public and Behavioral Health 775-687-7550

This publication is supported by the Nevada State Division of Public and Behavioral Health through Grant Number R1-K000032-00 from the U.S. Environmental Protection Agency. Its contents are solely the responsibility of the authors and do not represent the official views of either the Division nor the U.S. Environmental Protection Agency.

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Test kits are available in January and February at the following Extension and partner locations:

Carson City County 2621 Northgate Lane #15 Carson City, 89706 Phone: 775-887-2252
Churchill County 111 Sheckler Road, Fallon Phone: 775-423-5121
Clark County 8050 Paradise Road #100 Las Vegas, 89123 Phone: 702-222-3130
- A.D. Guy Knowledge Center 817 N. 5th St., Las Vegas Open 10 a.m. to 7 p.m. Call: 702-998-0223
- Henderson City Hall City Clerk’s Office 240 S. Water St., Henderson Call: 702-585-0100
- Northeast Clark County 1877 N. Moapa Valley Blvd., Las Vegas Call: 702-432-6000
- NE Clark County Satellite 155 N. Willow St., Mesquite Call: 702-346-7215
- Laughlin office 55 Civic Way, Laughlin Call: 702-299-1333
- Douglas County 1325 Wateroos, Gardnerville Phone: 775-782-9960
- Genoa Town Office 2289 Main St., Genoa Phone: 775-782-8696
- Indian Hills GID 3394 James Lee Park Road #A, Carson City Phone: 775-267-2805
- Tahoe Regional Planning Agency 128 Market St., Stateline Phone: 775-586-4547
- Elko County 701 Walnut St., Elko Call: 775-738-7291
- West Wendover City Hall 1111 N. Gene L. Jones Way Phone: 775-664-3081
- Eureka County 701 S. Main St., Eureka Call: 775-237-5326
- Humboldt County 1085 Fairgrounds Road Winnemucca Call: 775-232-6034
- Landers County 815 N. Second St., Battle Mtn Call: 775-635-5565
- Lincoln County 360 Lincoln St., Caliente Call: 775-726-3109
- Lyon County 504 S. Main St., Yerington Call: 775-463-6541
- Fernley City Hall 595 Silver Lake Blvd. 775-784-9930
- Central Lyon County Fire District 246 Dayton Valley Road Ste. 106, Dayton Phone: 775-246-2609
- Mineral County 205 South A. St., Hawthorne Call: 775-745-3444
- Nye County
  - Northern Nye County 41 Brown St., Round Mountain Call: 775-482-6794
  - Tonopah Town Office 149 S. Main St., Tonopah Phone: 775-482-6336
  - Southern Nye County 1651 E. Calvada Blvd., Fallon Call: 775-727-5532
- Pershing County 810 Sixth St., Lovelock Call: 775-273-2923
- Storey County
  - Storey County Senior Center 100 Mill St., Virginia City Call: 775-847-0957
  - Lockwood Senior/Community Center 800 Peri Ranch Road, Lockwood Phone: 775-342-2840
- Washoe County
  - 4955 Energy Way, Reno Phone: 775-336-0252
  - Sun Valley GID 5000 Sun Valley Blvd. Phone: 775-673-2220
  - Incline Village Racetrack 980 Incline Way 775-832-1300
  - White Pine County 405 Campton St., Ely Call: 775-289-4459

Call the Radon Hotline for more info: 888-RADON10
Susan H. Howe
Radon Program Director
Nevada Radon Education Program
4955 Energy Way
Reno, Nevada 89502

direct (775) 336-0248
radon hotline (888) 723-6610
fax (775) 784-4881
e-mail robertss@unce.unr.edu
website www.RadonNV.com