

The attached document was submitted to the  
**Washoe County Board of Commissioners** during  
the meeting held on January 16, 2018.  
by Manager's Office  
for Agenda Item No. 9  
and included here pursuant to NRS 241.020(8).

# Washoe County, Nevada

## ~PROCLAMATION~

**WHEREAS,** Many Washoe County residents don't know about radon, yet need to know, for the safety and health of their families, as radon is a colorless, odorless, naturally occurring radioactive gas that is the primary cause of lung cancer among nonsmokers; the second leading cause of lung cancer in smokers; and

**WHEREAS,** The U.S. EPA estimates 21,000 people in the U.S. die each year from lung cancer caused by indoor radon exposure, and lung and bronchus cancer kill more people in a year than any other cancer; and

**WHEREAS,** Radon kills more people than secondhand smoke, drunk driving, choking, drowning or home fires; and

**WHEREAS,** Any home in Washoe County may have elevated levels of radon, even if neighboring homes do not, and living in a home with an average radon level of 4 picocuries per liter of air poses a similar risk of developing lung cancer as smoking half a pack of cigarettes a day; and

**WHEREAS,** Testing is the only way to know if a home has an elevated radon level, and testing is easy and inexpensive, and when identified, homes can be fixed; and

**WHEREAS,** University of Nevada Cooperative Extension, the Nevada Division of Public and Behavioral Health, and the U.S. Environmental Protection Agency support efforts to encourage all Washoe County residents to test their homes for radon, mitigate elevated levels of radon, and have new homes built with radon-reducing materials and features.

**NOW, THEREFORE,** the Washoe County Board of Commissioners does hereby proclaim January, 2018, as

~ National Radon Action Month ~

Dated this 16<sup>th</sup> day of January, 2018.



*Marsha Berkgler*  
Marsha Berkgler, Chair  
Washoe County Commission

BCC 1-16-18 #9  
Proclamation - mgr's Office

The attached document was submitted to the **Washoe County Board of Commissioners** during the meeting held on January 16, 2018 by Manager's Office for **A**genda Item No. 9 and **i**ncluded here pursuant to NRS 241.020(8).



University of Nevada  
Cooperative Extension

**Susan H. Howe**  
Radon Program Director  
Nevada Radon Education Program

4955 Energy Way  
Reno, Nevada 89502

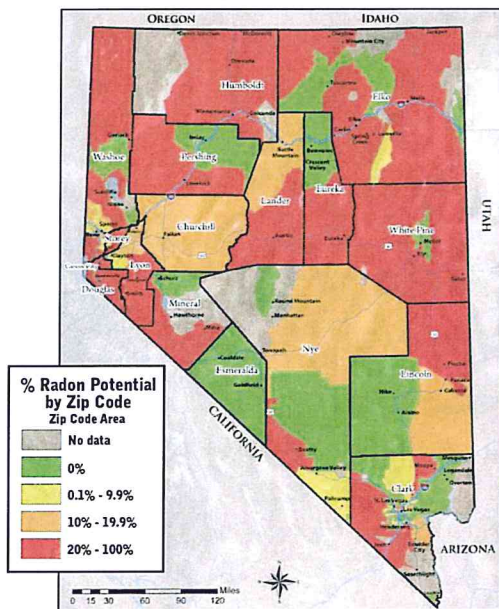
direct	(775) 336-0248
radon hotline	(888) 723-6610
fax	(775) 784-4881
email	robertss@unce.unr.edu
website	www.RadonNV.com

## How do you know if your home has a radon problem?

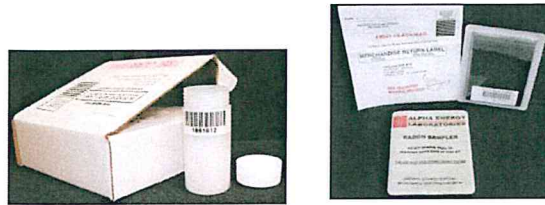
- One in 4 Nevada homes tested have elevated radon concentrations.
- The U.S. Surgeon General recommends all homes be tested for radon.
- Radon can enter any home, old or new, large or small.
- Two neighboring houses can have totally different radon levels.
- Any home with contact to the ground has the potential for having elevated radon levels. This includes slab, basement or crawl space foundations.
- The map below shows red areas where 20% or more of homes had radon levels at or above the EPA Action Level in data collected since 1989. Go to <http://bit.ly/NVRadonResults> to view each county map.
- 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

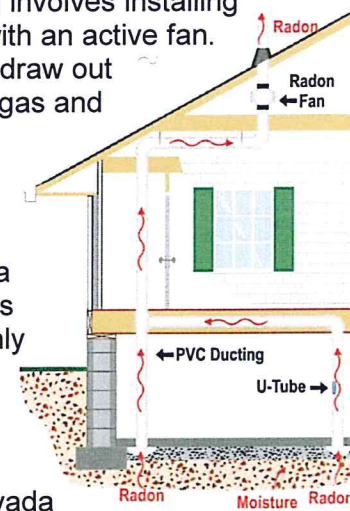
The Nevada Division of Public and Behavioral Health has found no evidence that radon in water contributes significantly to the indoor radon problem in Nevada. The major health concern for radon is from breathing elevated levels of radon in the air, which can cause lung cancer. Thus, test the home for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

Generally, private wells are more apt to have a radon concern than 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 \$81. 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 beginning to fix 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:
  - [www.RadonNV.com](http://www.RadonNV.com)
  - <http://aarst-nrpp.com>
  - <http://www.nrsb.org>

## For more information

### Nevada Radon Education Program

- Nevada Radon Hotline:**
  - 888-RADON10 (888-723-6610)
- Email:**
  - Susan Howe - [robertss@unce.unr.edu](mailto:robertss@unce.unr.edu)
  - Nadia Noel - [noeln@unce.unr.edu](mailto:noeln@unce.unr.edu)
- Radon in Nevada website:**
  - [www.RadonNV.com](http://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 K1-96963518-0 from the U.S. Environmental Protection Agency. Its contents are solely the responsibility of the authors and do not represent the official views of neither the Division nor the U.S. Environmental Protection Agency.



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

**Carson City County**  
2621 Northgate Lane #15  
Carson City 89706  
Phone: 775-887-2252

- Cason Tahoe Cancer Center**  
C-T Cancer Resource Ctr.  
1535 Medical Pkwy.  
Carson City 89703  
Phone: 775-445-7500

**Churchill County**  
111 Sheckler Road  
Fallon 89406  
Phone: 775-423-5121

**Clark County**  
8050 Paradise Rd., #100  
Las Vegas 89123  
Phone: 702-222-3130

- Northeast Clark County**  
1897 N. Moapa Valley Blvd., Logandale 89021  
Call: 702-397-2604
- Laughlin office**  
55 Civic Way, Laughlin  
Call: 702-299-1333

**Douglas County**  
1325 Waterloo  
Gardnerville 89410  
Phone: 775-782-9960

- TRPA**  
128 Market Street  
Stateline 89449  
Phone: 775-588-4547
- Genoa Town Office**  
2289 Main St.  
Phone: 775-782-8696
- Gardnerville Ranchos GID**  
931 Mitch Dr., Gardnerville  
Phone: 775-265-2048

**Elko County**  
701 Walnut Street  
Elko 89801-5032  
Call ahead: 775-738-7291

- West Wendover City Hall**  
1111 N. Gene L. Jones Way, W Wendover 89883  
Ph: 775-664-3081

**Eureka County**  
701 S. Main Street  
Eureka 89316-0613  
Call ahead: 775-237-5326

**Humboldt County**  
1085 Fairgrounds Road  
Winnemucca 89445  
Call ahead: 775-623-6304

**Lander County**  
815 N. Second Street  
Battle Mountain 89820  
Call ahead: 775-635-5565

**Lincoln County**  
360 Lincoln Street  
Caliente 89008  
Call ahead: 775-726-3109

**Lyon County**  
504 S. Main Street  
Yerington 89447-0811  
Call ahead: 775-463-6541

- Fernley City Hall**  
595 Silver Lace Blvd.  
Fernley 775-784-9930
- Central Lyon County Fire District**, 246 Dayton Valley,  
Dayton 775-246-6209

**Mineral County**  
205 South A Street  
Hawthorne 89415  
Call ahead: 775-945-3444

**Pershing County**  
810 Sixth Street  
Lovelock 89419  
Call ahead: 775-273-2923

**Storey County Library**  
175 Carson Street  
Virginia City  
Phone: 775-847-0541

**Washoe County**  
4955 Energy Way  
Reno 89502  
Phone: 775-336-0252

- Sun Valley GID**  
5000 Sun Valley Blvd.  
Phone: 775-673-2220
- Incline Village Rec Ctr**  
908 Incline Way  
Incline Village  
775-832-1300

**White Pine County**  
950 Campton Street, Ely  
Call ahead: 775-289-4459

Call the Radon Hotline for more info: 1-888-RADON10



## FREE Radon Test Kit Coupon

**For Nevada residents only**  
Offer ends Feb. 28, 2018

This special radon test kit offer is provided by University of Nevada Cooperative Extension, 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 \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE ( ) \_\_\_\_\_

EMAIL \_\_\_\_\_

How did you hear about radon? \_\_\_\_\_

Free kits can be picked up at a local Nevada Cooperative 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:

**UNCE-Radon Program**  
4955 Energy Way  
Reno, NV 89502

**NOTE:** Out of state residents can purchase kits online through Nevada's Radon website, [www.RadonNV.com](http://www.RadonNV.com) at <https://non-nvshort-termkit.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.

### Office Use

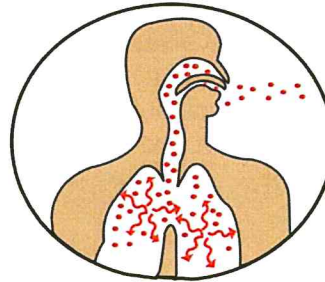
DATE: \_\_\_\_\_

TEST KIT NUMBER: \_\_\_\_\_

Code  
**NRAM 18**  
Washoe County

Kit not intended for commercial use or resale

# RADON



**SURGEON GENERAL'S WARNING:**  
Radon Causes Lung Cancer.  
You Should Test Your Home.

**Radon is the leading cause of lung cancer among nonsmokers**

**21,000 AMERICANS DIE OF RADON-CAUSED LUNG CANCER EACH YEAR**

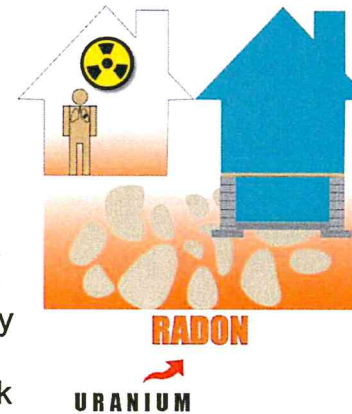


**Nevada Radon Education Program**

Like **Nevada Radon Education** on Facebook  
Follow us on **Twitter** @NVRadonProgram  
[www.RadonNV.com](http://www.RadonNV.com)

## What is radon?

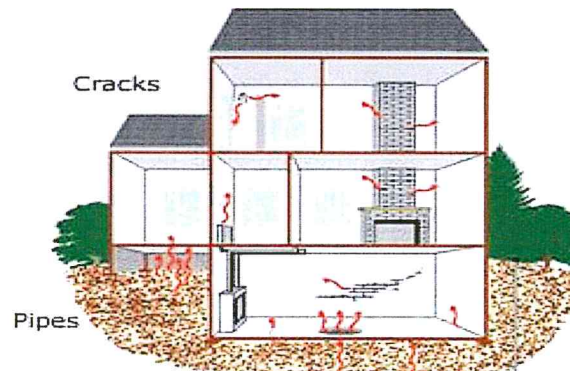
- Radon is a naturally occurring radioactive gas that you can't see, smell or taste.
- It is produced from the decay of uranium present in rock and soil.
- Radon can accumulate in buildings, causing an increased risk for lung cancer.



## How does radon enter a home?

Radon usually enters buildings from the soil. Common entry points include:

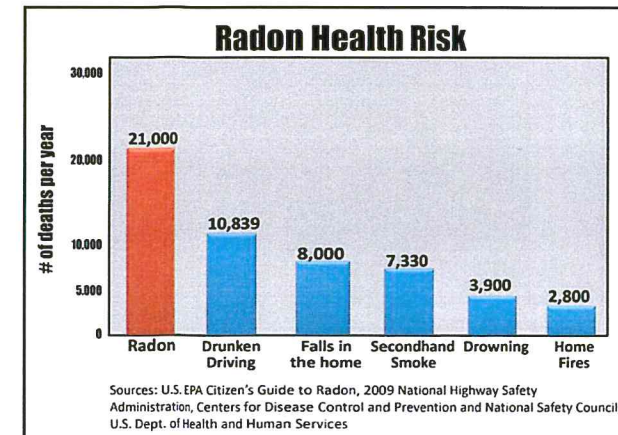
- Cracks in the foundation and walls
- Construction joints
- Gaps in suspended floors
- Gaps around service pipes
- Floor drains, sump pumps
- Retaining walls



## 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.

Radon is estimated to cause thousands of lung cancer deaths in the U.S. each year.\*



\* Radon is estimated to cause about 21,000 lung cancer deaths per year, according to EPA's 2003 Assessment of Risks from Radon in Homes (EPA 402-R-03-003)

# BASIC RADON FACTS



## Nevada Radon Education Program

A FEDERALLY FUNDED PROGRAM THROUGH THE NEVADA DIVISION OF PUBLIC AND BEHAVIORAL HEALTH and THE U.S. ENVIRONMENTAL PROTECTION AGENCY

### 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 Cooperative Extension offices. Contact the Radon Hotline at 1-888-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](http://www.RadonNV.com)

#### How to Obtain Radon Test Kits

- Low-priced radon test kits are available at Cooperative Extension and partner offices statewide.
- Call 1-888-RADON10 to find the nearest test kit location or request a test kit by mail.
- Order a kit by mail using a coupon or credit card at <http://bit.ly/radontestkits>
- Visit the Radon in Nevada website for more information about radon

<http://www.RadonNV.com>

Nevada Radon Education Program  
4955 Energy Way  
Reno, NV 89502  
1-888-RADON10 (888-723-6610)

BCC 1-16-18 #9  
Radon Articles - mgr's office

## 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 Cooperative Extension office listed below or the state radon office, 1-888-RADON10 (1-888-723-6610), 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.

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:  
1-888-RADON10 or 1-888-723-6610
- ❑ University of Nevada  
Cooperative Extension


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 website: [www.RadonNV.com](http://www.RadonNV.com)

Nevada  
**Radon**  
Education Program



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 This publication was supported by the Nevada Division of Public and Behavioral Health through Grant Number K1-9693518-0 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.

*Radon presents a serious health risk, but it can be controlled easily and cost effectively. Take action today. Encourage your friends and family members to do the same!*

[www.RadonNV.com](http://www.RadonNV.com) or [www.epa.gov/radon](http://www.epa.gov/radon)



# 504 Home Repair Program

**USDA Rural Development provides home repair loans and grants in rural areas for the following purposes:**

- Assist in deepening wells/ drilling new wells, sewage connection fees.
- Make general repairs and improvements to homes.
- Install new heating/cooling units, roof repair.
- Install new water heaters (or convert to/from propane).
- Remove health and safety hazards  
**(includes radon mitigation)**
- Repair or remodel homes to provide accessibility for household members with disabilities.



## **Terms:**

- \$20,000 maximum loan amount.
- Applicant must be 62 years old or older for Grant Loan.
- No lien on home for Grant Loan under \$7,500.
- Interest rate can be low as 1% annually.
- Loan terms based on borrower's repayment ability, not to exceed 20 year term.



## **Eligibility Requirements:**

- Must be owner-occupied home and land.
- Must be located in eligible rural area.  
(see map [www.rd.usda.gov/nv](http://www.rd.usda.gov/nv))
- Must be a U.S. citizen or eligible non-citizen.
- Adjusted income cannot exceed very-low income limits — see table.
- Must have an acceptable credit history for loan approval.

***Homeowners who are 62 years old or older and do not have repayment ability for a 504 home repair loan may be eligible for a grant of up to \$7,500.***

**For more information please contact:**

**USDA Rural Development  
7080 La Cienega Street # 100  
Las Vegas, NV 89119**

**Michele Joe (702) 407-1400 Ext. 112  
Email: [michele.joe@nv.usda.gov](mailto:michele.joe@nv.usda.gov)**

**USDA Rural Development  
555 W. Silver Street Ste. 101  
ELKO, NV 89801**

**Maria Murillo (775) 738-8468 Ext. 4  
Email: [maria.murillo@nv.usda.gov](mailto:maria.murillo@nv.usda.gov)**



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# Rural Housing Service Programs

## Single Family Housing Repair Loans & Grants

### What does this program do?

Also known as the Section 504 Home Repair program, this provides loans to very-low-income homeowners to repair, improve, or modernize their homes or provides grants to elderly very-low-income homeowners to remove health and safety hazards.

### Who may apply for this program?

To qualify, you must:

- Be the homeowner and occupy the house
- Be unable to obtain affordable credit elsewhere
- Have a family income below 50 percent of the area median income
- For grants, be age 62 or older and not be able to repay a repair loan

### What is an eligible area?

Generally, rural areas with a population less than 35,000 are eligible. Applicants may [check the address](#) of their home to determine eligibility online.

### How may funds be used?

- Loans may be used to repair, improve, or modernize homes or to remove health and safety hazards.
- Grants must be used to remove health and safety hazards.

### How much money can I get?

- Maximum loan is \$20,000.
- Maximum grant is \$7,500.

- Loans and grants can be combined for up to \$27,500 in assistance.

### What are the terms of the loan or grant?

- Loans can be repaid over 20 years
- Loan interest rate is fixed at 1%.
- Full title service is required for loans of \$7,500 or more
- Grants have a lifetime limit of \$7,500.
- Grants must be repaid if the property is sold in less than 3 years
- If applicants can repay part, but not all of the costs, applicants may be offered a loan and grant combination

### Is there a deadline to apply?

Applications are available year round as long as funding is available, and are processed in the order they are received.

### How long does an application take?

Approval times depend on funding availability in your area. Talk to a [USDA home loan specialist](#) in your area for help with the application.

### How do I get started?

Contact a [USDA home loan specialist](#) in your area.

### What law governs this program?

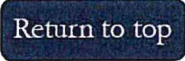
- The Housing Act of 1949 as amended, [7 CFR, Part 3550](#)
- [HB-1-3550](#) - Direct Single Family Housing Loans and Grants Field Office Handbook

NOTE: Because citations and other information may be subject to change, please always consult the program instructions listed in the section above titled "What Law Governs this Program?" You may also contact [your local office](#) for assistance.

You will find additional forms, resources, and program information at [www.rd.usda.gov](http://www.rd.usda.gov)

		----- A D J U S T E D I N C O M E L I M I T S -----							
P R O G R A M		1 PERSON	2 PERSON	3 PERSON	4 PERSON	5 PERSON	6 PERSON	7 PERSON	8 PERSON*
Carson City, NV MSA									
	VERY LOW INCOME	24350	27800	31300	34750	37550	40350	43100	45900
	LOW INCOME	38900	44500	50050	55600	60050	64500	68950	73400
	MODERATE INCOME	44400	50000	55550	61100	65550	70000	74450	78900
	38 YEAR TERM	29200	33350	37550	41700	45050	48350	51700	55050
	ADJ. MEDIAN INC.**	48700	55600	62600	69500	75100	80700	86200	91800
Las Vegas-Paradise, NV MSA									
	VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600
	LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700
	MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200
	38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250
	ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200
Reno-Sparks, NV MSA									
	VERY LOW INCOME	25000	28600	32150	35700	38600	41450	44300	47150
	LOW INCOME	39950	45700	51400	57100	61650	66250	70800	75350
	MODERATE INCOME	45450	51200	56900	62600	67150	71750	76300	80850
	38 YEAR TERM	30000	34300	38550	42850	46300	49700	53150	56550
	ADJ. MEDIAN INC.**	50000	57200	64300	71400	77200	82900	88600	94300
Churchill County, NV									
	VERY LOW INCOME	23700	27100	30500	33850	36600	39300	42000	44700
	LOW INCOME	37900	43300	48750	54150	58500	62800	67150	71500
	MODERATE INCOME	43400	48800	54250	59650	64000	68300	72650	77000
	38 YEAR TERM	28400	32500	36550	40600	43850	47100	50350	53600
	ADJ. MEDIAN INC.**	47400	54200	61000	67700	73200	78600	84000	89400
Douglas County, NV									
	VERY LOW INCOME	27400	31300	35200	39100	42250	45400	48500	51650
	LOW INCOME	43800	50050	56300	62550	67550	72550	77550	82550
	MODERATE INCOME	49300	55550	61800	68050	73050	78050	83050	88050
	38 YEAR TERM	32850	37500	42200	46900	50650	54400	58150	61900
	ADJ. MEDIAN INC.**	54800	62600	70400	78200	84500	90800	97000	103300
Elko County, NV									
	VERY LOW INCOME	28000	32000	36000	39950	43150	46350	49550	52750
	LOW INCOME	44750	51100	57500	63900	69000	74100	79250	84350
	MODERATE INCOME	50250	56600	63000	69400	74500	79600	84750	89850
	38 YEAR TERM	33550	38350	43150	47950	51800	55600	59450	63300
	ADJ. MEDIAN INC.**	56000	64000	72000	79900	86300	92700	99100	105500

\* ADD 8% OF 4 PERSON LIMIT FOR EACH PERSON IN EXCESS OF 8 EXCEPT FOR MODERATE INCOME FAMILIES,  
FOR WHICH \$5500 SHOULD BE ADDED TO THE RESPECTIVE LOW-INCOME LIMIT FOR 8+ PERSON FAMILIES  
\*\* RHS ADJ. MEDIAN INCOMES SHOWN EQUAL TWICE THE RESPECTIVE VERY LOW-INCOME LIMIT



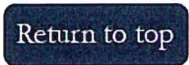
		----- A D J U S T E D I N C O M E L I M I T S -----							
P R O G R A M	1 PERSON	2 PERSON	3 PERSON	4 PERSON	5 PERSON	6 PERSON	7 PERSON	8 PERSON*	
<b>Esmeralda County, NV</b>									
VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600	
LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700	
MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200	
38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250	
ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200	
<b>Eureka County, NV</b>									
VERY LOW INCOME	26100	29800	33550	37250	40250	43250	46200	49200	
LOW INCOME	41700	47700	53650	59600	64350	69150	73900	78650	
MODERATE INCOME	47200	53200	59150	65100	69850	74650	79400	84150	
38 YEAR TERM	33550	38350	43150	47950	51800	55600	59450	63300	
ADJ. MEDIAN INC.**	52200	59600	67100	74500	80500	86500	92400	98400	
<b>Humboldt County, NV</b>									
VERY LOW INCOME	26500	30250	34050	37800	40850	43850	46900	49900	
LOW INCOME	42350	48400	54450	60500	65350	70200	75000	79850	
MODERATE INCOME	47850	53900	59950	66000	70850	75700	80500	85350	
38 YEAR TERM	31750	36300	40800	45350	49000	52600	56250	59850	
ADJ. MEDIAN INC.**	53000	60500	68100	75600	81700	87700	93800	99800	
<b>Lander County, NV</b>									
VERY LOW INCOME	25700	29350	33000	36650	39600	42550	45450	48400	
LOW INCOME	41050	46900	52800	58650	63350	68050	72750	77400	
MODERATE INCOME	46550	52400	58300	64150	68850	73550	78250	82900	
38 YEAR TERM	30900	35300	39750	44150	47700	51200	54750	58300	
ADJ. MEDIAN INC.**	51400	58700	66000	73300	79200	85100	90900	96800	
<b>Lincoln County, NV</b>									
VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600	
LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700	
MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200	
38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250	
ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200	
<b>Lyon County, NV</b>									
VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600	
LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700	
MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200	
38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250	
ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200	

\* ADD 8% OF 4 PERSON LIMIT FOR EACH PERSON IN EXCESS OF 8 EXCEPT FOR MODERATE INCOME FAMILIES,  
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\*\* RHS ADJ. MEDIAN INCOMES SHOWN EQUAL TWICE THE RESPECTIVE VERY LOW-INCOME LIMIT



P R O G R A M	A D J U S T E D I N C O M E L I M I T S							
	1 PERSON	2 PERSON	3 PERSON	4 PERSON	5 PERSON	6 PERSON	7 PERSON	8 PERSON*
<b>Mineral County, NV</b>								
VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600
LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700
MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200
38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250
ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200
<b>Nye County, NV</b>								
VERY LOW INCOME	23100	26400	29700	33000	35650	38300	40950	43600
LOW INCOME	36950	42250	47500	52800	57000	61250	65450	69700
MODERATE INCOME	42450	47750	53000	58300	62500	66750	70950	75200
38 YEAR TERM	27700	31700	35650	39600	42750	45950	49100	52250
ADJ. MEDIAN INC.**	46200	52800	59400	66000	71300	76600	81900	87200
<b>Pershing County, NV</b>								
VERY LOW INCOME	23200	26500	29800	33100	35750	38400	41050	43700
LOW INCOME	37050	42350	47650	52950	57200	61400	65650	69900
MODERATE INCOME	42550	47850	53150	58450	62700	66900	71150	75400
38 YEAR TERM	27800	31750	35750	39700	42900	46050	49250	52400
ADJ. MEDIAN INC.**	46400	53000	59600	66200	71500	76800	82100	87400
<b>White Pine County, NV</b>								
VERY LOW INCOME	23450	26800	30150	33450	36150	38850	41500	44200
LOW INCOME	37450	42800	48150	53500	57800	62050	66350	70600
MODERATE INCOME	42950	48300	53650	59000	63300	67550	71850	76100
38 YEAR TERM	28100	32100	36150	40150	43350	46550	49800	53000
ADJ. MEDIAN INC.**	46900	53600	60300	66900	72300	77700	83000	88400

\* ADD 8% OF 4 PERSON LIMIT FOR EACH PERSON IN EXCESS OF 8 EXCEPT FOR MODERATE INCOME FAMILIES,  
FOR WHICH \$5500 SHOULD BE ADDED TO THE RESPECTIVE LOW-INCOME LIMIT FOR 8+ PERSON FAMILIES  
\*\* RHS ADJ. MEDIAN INCOMES SHOWN EQUAL TWICE THE RESPECTIVE VERY LOW-INCOME LIMIT



# Learn about **RADON** in **Washoe County**

- ◆ Learn what **RADON** is
- ◆ Learn how to test for **RADON**
- ◆ Learn how homes can be fixed
- ◆ Get a **FREE RADON** test kit

Nevada  
**Radon**  
Education Program

- ◆ **Wednesday, Jan. 17, 4 p.m.**  
**Verdi Community Library & Nature Center**  
270 Bridge St., Verdi
- ◆ **Wednesday, Feb. 7, 6 p.m.**  
**South Valleys Library** 15650 Wedge Pkwy., Reno
- ◆ **Wednesday, Feb. 21, 6 p.m.**  
**IVGID Public Works** 1220 Sweetwater Rd. Incline Village
- ◆ **Saturday, Feb. 24, 2 p.m.**  
**Northwest Reno Library** 2325 Robb Dr., Reno

**Free Radon test kits  
to Nevadans**  
Jan. 1 to Feb. 28

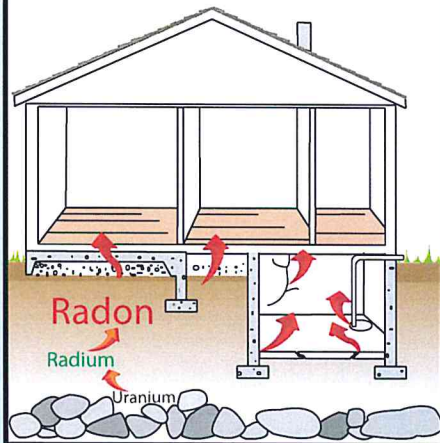
**Washoe County  
Cooperative Extension**  
4955 Energy Way  
(M-F, 8 a.m. to 5 p.m.)

**Sun Valley GID**  
5000 Sun Valley Blvd.  
(M-F, 8 a.m. to 5 p.m.)

**Incline Village Rec Center**  
980 Incline Way  
(M-F, 6 a.m. to 9 p.m. and  
S-Sn, 7 a.m. to 8 p.m.)

**For more information, call**  
**888-RADON10**  
**(888-723-6610)**  
**or visit [www.RadonNV.com](http://www.RadonNV.com)**

**RADON** is the **PRIMARY** cause of **LUNG CANCER** among nonsmokers. The naturally occurring radioactive gas can seep into your home from the ground, increasing your risk for **LUNG CANCER**.



Follow @NVRadonProgram on Twitter



Visit @NevadaRadonEducation on Facebook



University of Nevada  
Cooperative Extension

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LIBRARY SYSTEM

# NEVADA RADON REPORT



University of Nevada  
Cooperative Extension

## Nevada Radon Education Program

A FEDERALLY FUNDED PROGRAM THROUGH THE NEVADA DIVISION OF PUBLIC AND BEHAVIORAL HEALTH AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY

Volume 10 - Number 3 - FY 2017 January through March 2017

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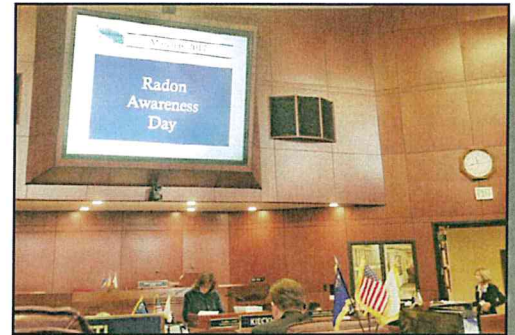
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## Radon recognized at the Legislature

Mar. 6 was Radon Awareness Day at the Legislature, and the Nevada Radon Education Program (NREP) had four opportunities to inform interested legislature members, staff and the visiting public about radon. Opportunities occurred during a Nevada Cancer Coalition (NCC) sponsored Cancer Prevention and Early Detection breakfast, from 7:30 to 11 a.m., in Room 3100 of the Legislative Building; at the radon exhibit table in the Legislature Building foyer, from 8 a.m. to noon; during the Senate meeting around noon; and during visits to legislative offices to offer kits to those who weren't able to visit the booth or breakfast event.

NCC's collaborative breakfast event featured a tabling opportunity for cancer prevention and early detection groups that included Carson City Health and Human Services, Community Health Alliance, Carson Tahoe Cancer Center, Immunize Nevada,

*Read Senator Ratti's remarks from the Senate floor as she introduced the Nevada Radon Education Program and her knowledge of radon in general and in Nevada. See remarks on Page 3.*



*Mar. 6 was Radon Awareness Day at the Legislature. Nadia Noel and Susan Howe were guests of Senator Julia Ratti on the Senate floor during the late morning session*

Nevada Partnership for Access to Treatment, Northern Nevada HOPES, Renown Health, Nevada Health Centers Mammovan, Saint Mary's Center for Cancer, Susan G. Komen Nevada, the Nevada Cancer Coalition as well as NREP. The tabling event provided opportunities for the groups to educate legislators and their staff face-to-face about their

» continued, See RADON DAY, Page 3

## Nevada's 2nd place poster places 2nd nationally

Joshua Fuji Fama, a sixth-grader at Canarelli Middle School, in Las Vegas, won second place in the 2017 Nevada Radon Poster Contest, but also placed second in the National Radon Poster Contest.

Fama accepted his Nevada contest award from Nadia Noel at an award ceremony held Feb. 4 at Enterprise Library in Las Vegas. He received a radon gift bag, a certificate and a check for \$60. He also received a check for \$300 for the second place national award from the American Lung Association and Conference of Radiation Control Program Directors (CRCPD) that was later mailed to him. Fama's teacher, Samantha Berry, also won \$35 for classroom supplies.

The national contest is held each year to increase awareness about radon.



*Canarelli Middle School sixth grade student, Joshua Fuji Fama, submitted his award-winning poster, "That Monster Radon" to the Nevada Radon Poster Contest, winning 2nd place honors. Fama's poster also placed 2nd in the National Radon Poster Contest.*

Several states participated in this year's competition, including Colorado,

» continued, See NATIONAL POSTER, Page 2

## Realtors learn about Radon through RSAR

On Thursday, Jan. 19, the Nevada Radon Education Program (NREP) presented a three-hour educational course, "Radon and the Real Estate Professional," for the Reno/Sparks Association of Realtors (RSAR) at their office in Reno. Two certified radon professionals assisted in the education of radon testing and mitigation.

RSAR education director, Beverly Geyer, contacted NREP last fall, expressing interest in educating Realtors about radon. NREP submitted its planned course and it was reviewed and approved by the Nevada Real Estate Division.

During the three-hour class, Nadia Noel, education coordinator, explained radon's health risk, how radon enters a home, and the radon potentials around Northern Nevada.

Susan Howe, program director, explained how to test for the gas, how Realtors can assist their clients when radon is a concern, and offered

» continued, See RSAR, Page 18

# Washoe County Chronic Disease Coalition learns about radon

The Nevada Radon Education Program presented its educational program at the Mar. 9 Washoe County Chronic Disease Coalition meeting. Susan Howe and Nadia Noel shared the message of radon with nine members of the coalition, covering the health risk of radon, how to test for the gas, how radon should be addressed in real estate transactions, and the methods for radon mitigation. Ten test kits were given out at the meeting.

Washoe County testing data show that one in five homes has tested at or above the Environmental Protection Agency's action level of 4 picocuries per liter of air (pCi/l) and the highest radon level in the state was found in the Reno zip code of 89509, 195 pCi/l. In Nevada, one in four homes tested have radon levels at or above the action level.

Presenting to this coalition was the result of a NREP's participation in the Healthy Living Forum held Dec. 4, 2016.



Noel and Howe presented the radon message to the Washoe County Chronic Disease Coalition members attending the Mar. 9 meeting.

## National Poster

Continued from Page 1



Joshua Fuji Fama received his award certificate, check and radon gift bag from Nadia Noel at Enterprise Library, in Las Vegas, on Feb. 4.

Florida and Nevada. Children ages 9-14 were eligible to participate. Nevada was one of many state radon programs that submitted their top three posters to the national contest. Members of the radon industry, state radon programs, and Environmental Protection Agency (EPA) leaders chose their top three through online votes on Radonleaders.org. Voting results were combined with the judging committee's selections, resulting in a first place winner from Florida, who received \$1,000, and a third place winner from Colorado, who won \$200.

Nevada's first place winner, **Taylor Brown**, an eighth-grader at Silverland Middle School, in Fernley, created a poster titled "Corrupting Radon." Brown received a check for \$75 at an award ceremony in her art class on Dec. 21, 2016. In addition to her award check, Brown also received a radon gift bag, a certificate and a Corentium home radon gas detector that was donated by Airthings. Her art teacher, Meghan Holmes, also received a radon gift bag and \$50 to use for classroom supplies.

**Valeria Ramirez**, an eighth-grader from Yerington Intermediate School, was the third place winner for the Nevada contest. She was recognized Feb. 28 during a ceremony following a radon education presentation. Ramirez created a poster titled "Check! Check! Check! For Radon!" and won \$45 for herself and \$20 for her teacher, Debbie Pellegrini, for classroom supplies.

The Nevada Radon Poster Contest is sponsored by the Nevada Radon Education



In December, Nadia Noel (left) presented Taylor Brown with a first place award certificate, a \$75 check, a goodie bag as well as a Corentium radon detector, donated from Airthings, at her school, Silverland Middle School in Fernley. Taylor's art teacher, Meghan Holmes (at right), also received a check for \$50 to use for classroom supplies.



"Check! Check! Check! For Radon!" by Valeria Ramirez, an eighth-grader at Yerington Intermediate School in Yerington, was Nevada's 3rd place poster.

Program, Cooperative Extension, Nevada Division of Public and Behavioral Health and the EPA.

University of Nevada Cooperative Extension's Radon Education Program conducts the Nevada Radon Poster Contest each year to teach students and their families about the health risk of radon and to encourage Nevadans to test their homes for the gas. This is the eighth year that the program hosted the contest and 80 students entered posters.

The Nevada poster contest entries were



"Corrupting Radon", created by Taylor Brown, an 8th grade student at Silverland Middle School in Fernley, was the 1st place Nevada winner.



Valeria Ramirez, Nevada's 3rd place winner, received her award certificate, check and radon gift bag from Nadia Noel, radon education coordinator, at an awards ceremony Feb. 28 after a radon presentation at her school, Yerington Intermediate School. Her teacher, Debbie Pellegrini (pictured at right), also received a check for \$20 for classroom supplies.

judged for content accuracy, reproducibility, originality and visual communication of the topic. After the top five were narrowed down from the 80, voting took place over the course of two weeks by email and through social media. Sixty-three votes were cast by email from Nevada's radon professionals, program partners and Cooperative Extension staff, and 173 "Likes" were received from members of the general public on Facebook.

# 2017 National Radon Action Month activities & events

National Radon Action Month (NRAM) takes place in January because winter is the best time to test for the gas. In honor of NRAM, the Nevada Radon Education Program (NREP) offers free short-term radon test kits and educational programs across the state during the months of January and February. Through face-to-face contact at presentations, tabling events, interviews, Cooperative Extension and partner offices and collaborations, at least 2,272 people were reached directly and indirect contacts numbered 1,422. At least 4,918 long- and short-term radon test kits were given out. From NREP's NRAM efforts, at least 1,916 homes were newly tested this quarter for the first time.

The success of this year's NRAM campaign can be credited to pre-planning and collaborations with new and consistent partners, as well as advertising via radio, television, social media, newsprint, and newsletters.

NRAM is a yearly event that is sponsored

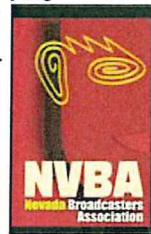
by the Environmental Protection Agency (EPA). State radon programs are encouraged to increase the number of activities they offer to educate citizens about the danger of radon during the month because winter is the best time to test.

Planning for NRAM begins in October, the time when library presentation dates are scheduled, proclamation requests are made, advertising strategies are determined, and news ideas for outreach are developed. A summary of Nevada's 2017 NRAM efforts follows:

### Advertising

#### TV and Radio advertising campaign

NREP's public information outreach begins with the support of the Nevada Broadcasters Association (NVBA). To increase awareness of free radon test kits and the health risk of radon, 30-second radio and television public



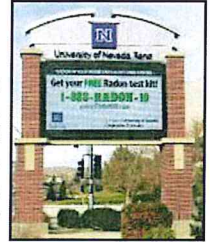
service announcements (PSAs) are broadcast across the state by the NVBA from Jan. 1 to Feb. 28. This year's media campaign resulted in 2,954 radio and 326 television spots throughout the state. The total value of these ads was \$311,680, which was far greater than what the program spent.

"NVBA has been a primary and very instrumental part of our outreach campaign for the past five years," said Susan Howe, NREP program director. "We count on them to help us get the message to Nevadans across the state!"

#### Digital Billboards

The Nevada Radon Education Program asks businesses and other public entities to help advertise free kits during NRAM on their digital boards.

The University of Nevada-Reno (UNR) displayed a radon



UNR's digital billboard on North Virginia Street displays radon message.

» continued, See NRAM, Page 10

## Radon Day

Continued from Page 1

programs and services that these programs offer throughout the state.

NREP's exhibit booth in the Legislature Building foyer provided a great opportunity to inform and offer free radon test kits and literature to guests in the building as well as staff and legislature members passing by. Giveaways, literature, maps and fact sheets were provided.

As part of Radon Awareness Day, NREP staff were invited to attend a Senate meeting as guests of Senator Julia Ratti. During the session, Ratti introduced Susan Howe and Nadia Noel, and told about her knowledge of radon and NREP's work in the Washoe County community and state.

After leaving the Senate floor, Howe and Noel also visited legislative offices to offer free test kits to those who were unable to visit the foyer table and provided educational information about the health risk of radon. About 110 free radon test kits were distributed during the day and at least 13 were used by the end of March.



Mar. 6 was Radon Awareness Day at the Legislature. NREP manned a booth in the Legislature foyer where free radon test kits, literature and giveaways were available to booth visitors.



Nadia Noel, radon education coordinator, and Susan Howe, program director, were guests of Senator Julia Ratti on Radon Awareness Day at the Legislature Mar. 6.

### Remarks from the Senate Floor by Senator Julia Ratti:

"I would like to make sure everyone is aware we have a Nevada Radon Education Program. It is a grant program, funded by the U.S. Environmental Protection Agency State Indoor Radon Grant through the Nevada Division of Public and Behavioral Health. The mission of this program is to educate Nevadans about the health risk of radon; how to test for the gas and reduce radon exposure in homes. The outreach includes an annual radon poster contest, presentations throughout the State, a radon hotline, social media and offering free or low-cost radon test kits.

Radon is a colorless, odorless, tasteless radioactive gas that naturally comes from the decay of uranium and easily enters homes. Living in a home with an elevated level of radon can increase a person's risk of developing lung cancer. I was privileged to sit on the Washoe County Board of Health where we learned some alarming statistics. One in four tested homes in Nevada has elevated radon levels, and one in five homes tested in Washoe County showed elevated levels. It is important that you test your home. I have done it, and it is very easy. You pick up the kit, leave it in place long enough, and it tells you if you have a risk and how to mitigate it. I recommend everyone do this."

Nevada Legislature 79th Session 2017		Upcoming Events
Senate	Deadlines	
Mar 20	Legislative Bill Introductions	
Mar 27	Committee Bill Introductions	
Apr 04	Start Closing Business	
Apr 14	Committee Passage (House Floor)	
Apr 27	Vote House Calendar	
Special Occasion Days		
Mar 6	Radon Awareness Day	
Mar 7	Mining Day at the Legislature	
Mar 9	I-Campus Nevada Day at the Legislature	
	Parade Artists and Performers' Opportunity All-Star Nevada Day at the Legislature	
Mar 13	Children's Day at the Legislature	
Mar 14	Children's Book at the Legislature	
Mar 15	Transportation Day at the Legislature	
Mar 15	Veterans Day at the Legislature	
Mar 16	Canada Day at the Legislature	

The 79th Session of the Nevada Legislature features special occasion days, and Mar. 6 was designated as Radon Awareness Day and Mining Day at the Legislature.



# Nevada receives record 27 action month proclamations

The Nevada Radon Education Program (NREP) received 27 proclamations/resolutions in honor of National Radon Action Month (NRAM) this year, the highest number the organization has received since the program's inception. The declarations came from Governor Brian Sandoval, 15 county commissioner boards (Churchill, Clark, Douglas, Elko, Esmeralda, Eureka, Humboldt, Lander, Lyon, Mineral, Nye, Pershing, Storey, Washoe and White Pine), six mayors or city councils (Reno, Las Vegas, North Las Vegas, Henderson, Boulder City and Fernley), two general improvement districts (Incline Village and Sun Valley), and three other governing bodies, Carson

City Board of Supervisors, Washoe County Health District and the Nevada Association of Counties (NACO).

There were five new proclamations/resolutions received this year: Lyon County Board of Commissioners, Boulder City, the City of Henderson, the City of North Las Vegas, and NACO.

This was the ninth year the program received proclamations from the State of Nevada, Carson City Board of Supervisors, Churchill and Douglas County Board of Commissioners, the City of Reno and Sun Valley General Improvement District!

When possible, NREP staff or partners attend board meetings to accept proclamations

as well as provide pertinent radon information that clarifies why a proclamation is needed for their county or location.

- Gary McCuin, Eureka County Extension Educator, accepted the **Eureka Board of Commissioners'** proclamation on Dec. 6.
- Susan Howe and Nadia Noel accepted the **Sun Valley GID** proclamation on Dec. 8.
- Howe and Noel received the **Washoe County Board of Commissioners** Proclamation on Dec. 13.
- Howe and Noel accepted the **Washoe County Health District** Proclamation on Dec. 15.
- Noel and Steve Lewis, Douglas County » continued, See **PROCLAMATIONS, Page 5**

The collage displays 27 individual proclamations and resolutions, each with its own official seal and signature. The entities represented include:

- State of Nevada:** Governor Brian Sandoval
- Counties:** Churchill County Board of Commissioners, Clark County Board of Commissioners, Douglas County Board of Commissioners, Elko County Board of Commissioners, Esmeralda County Board of Commissioners, Eureka County Board of Commissioners, Humboldt County Board of Commissioners, Lander County Board of Commissioners, Lyon County Board of Commissioners, Mineral County Board of Commissioners, Nye County Board of Commissioners, Pershing County Board of Commissioners, Storey County Board of Commissioners, Washoe County Health District, and White Pine County Board of Commissioners.
- Cities:** Boulder City Mayor Rodney Woodbury, City of Fernley Mayor Roy Edgington Jr., City of Henderson Mayor Andy Hafen, City of Las Vegas Mayor Carolyn Goodman, City of North Las Vegas Mayor John Lee, City of Reno Mayor Hillary Schieve, and Carson City Board of Supervisors.
- General Improvement Districts:** Incline Village and Sun Valley.

Resolution of the Board of Commissioners... Nye County Board of Commissioners

Resolution of the Board of Commissioners... Pershing County Board of Commissioners

Resolution of the Board of Commissioners... Storey County Board of Commissioners

A PROCLAMATION DECLARING JANUARY 2017 AS NATIONAL RADON ACTION MONTH IN STOREY COUNTY, NEVADA

Washoe County, Nevada - PROCLAMATION

A PROCLAMATION DECLARING JANUARY 2017 AS NATIONAL RADON ACTION MONTH IN WHITE PINE COUNTY, NEVADA

Mineral County Board of Commissioners

Nye County Board of Commissioners

Pershing County Board of Commissioners

Storey County Board of Commissioners

Washoe County Board of Commissioners

White Pine County Board of Commissioners

WASHOE COUNTY HEALTH DISTRICT... RADON ACTION MONTH

INCLINE VILLAGE... PROCLAMATION

SUN VALLEY GENERAL IMPROVEMENT DISTRICT... PROCLAMATION

Washoe County District Board of Health

Incline Village General Improvement District

Sun Valley General Improvement District



Lisa Taylor, Lander County Extension Educator, and Shannon Berumen, Lander County Executive Secretary, accepted the Lander County Commissioners' proclamation on Jan. 12.



Lindsay Chichester, Carson City County Extension Educator, accepted the January radon proclamation on Jan. 12 from the Carson City Board of Supervisors.



Nadia Noel and Susan Howe accepted the National Radon Action Month proclamation from the Washoe County Health District Board on Dec. 15.

Proclamations

Continued from Page 4

- Extension Educator, received the Douglas County Board of Commissioners' proclamation on Jan. 3.
Joy Newton, Lyon County Extension Educator, accepted the City of Fernley's proclamation on Jan. 4.
Lisa Taylor, Lander County Extension Educator, and Shannon Berumen, Lander County Executive Secretary, accepted the Lander County Commissioners' proclamation on Jan. 12.
Howe and Noel received the Storey County Commissioners' proclamation on Jan. 17.
Lindsay Chichester, Carson City County Extension Educator, accepted the Board of Supervisors' proclamation on Jan. 18.
Juan Cervantes, White Pine County Extension Educator, accepted the White Pine County Commissioners' proclamation on Jan. 25.
Juliana Baker-Tingey, Elko County Extension Educator, accepted the Elk County Board of Commissioners' proclamation on Feb. 15.



Noel and Howe accepted the Storey County Commissioners' proclamation for National Radon Action Month on Jan. 17 in Virginia City.



Steve Lewis and Nadia Noel accepted the Douglas County Commissioners' proclamation for National Radon Action Month on Jan. 3.



Nadia Noel and Susan Howe accepted the NRAM proclamation offered by the Washoe County Commissioners on Dec. 13.



Nadia Noel accepted the National Radon Action Month proclamation offered by Sun Valley GID officers on Dec. 8.

# Program offers 32 NRAM presentations statewide

Presentations provided by the Nevada Radon Education Program (NREP) are opportunities for attendees to learn about the health risk of radon, how to test for the gas, the process testing in real estate transactions and radon mitigation. At least 32 presentations were offered during this National Radon Action Month season throughout the state to homeowners, renters, civic groups, government officials, youth and Realtors.

More than 568 people were reached through presentations this quarter and 885 short-term test kits were given out. At least 237 of those kits were used and analyzed by Mar. 31, resulting in a usage rate of 26.8 percent for this quarter.

Susan Howe and Nadia Noel offered presentations throughout the state. Adrian Howe, radiation control supervisor with the Nevada Division of Public and Behavioral Health (NDPBH), presented at many radon programs. Certified radon mitigators, Norm Denny and Derrick Carpenter, also assisted with several presentations. Radon measurement specialist Bob Knauff assisted with a few Las Vegas programs.

A summary of the Nevada presentations, attendees and the number of radon test kits given and used from Jan. 1 to Mar. 31 are as follows:

## Douglas County Commissioners Meeting - Jan. 3

The Douglas County Board of Commissioners provided a proclamation declaring January as National Radon Action Month and at least 37 county residents were present. Nadia Noel and Steve Lewis provided a short radon message.



Nadia Noel spoke during the Douglas County Commissioners meeting on Jan. 3.

## Northwest Reno Library - Jan. 7

Howe and Noel presented the radon message to 26 attendees at the Northwest Reno Library, where 33 test kits were given out, and 15 were used.



Noel and Howe presented to 26 attendees at the Northwest Reno Library, Jan. 7.

## CVIC Hall, Minden - Jan. 11

Adrian Howe and certified radon mitigator Derrick Carpenter presented a radon presentation to 17 Douglas County residents at the CVIC Hall in Minden. Eleven test kits were given out, and seven were used.



Derrick Carpenter, certified radon mitigator, spoke about the mitigation process during the CVIC radon presentation Jan. 11 in Minden.

## Storey County Commissioners Meeting - Jan. 17

The Storey County Board of Commissioners provided a proclamation declaring January as National Radon Action Month. About 20 residents were present as Howe and Noel presented the radon message. Eight test kits were distributed at the meeting, and one has been used.



Cherie Nevin, Storey County community relations coordinator, read the Storey County Commissioners' proclamation at the Storey County Commissioners meeting Jan. 17. Noel presented radon data pertinent to Storey County.

## Carson City Senior Center - Jan. 18

Adrian Howe presented the radon program at the Carson City Senior Center. There were 17 attendees. Nine test kits were given out, and three were used.



Adrian Howe spoke to the crowd of 17 who attended the radon program at Carson City Senior Center on Jan. 18.

## Reno/Sparks Association of Realtors - Jan. 19

For the first time, NREP taught a 3-CE



Nate Seward, a certified radon tester, spoke to Realtors who attended the 3-hour CE course offered through RSAR on Jan. 19.

course to 20 Realtors at the Reno/Sparks Association of Realtors. In addition to Howe and Noel, Nate Seward, a certified radon measurement specialist, and Norm Denny, a certified radon mitigator, educated the Northern Nevada Realtors about radon.

The audience enjoyed the class and appreciated the opportunity to learn about radon. At least 19 radon test kits were given out, and five kits were used. (See article on Page 1)

## Spanish Springs Library, Sparks - Jan. 24

Howe, Noel and Norm Denney shared the radon message with 16 attendees at the Spanish Springs Library, where 10 test kits were given out, and seven were used.



Noel and Howe spoke at the Spanish Springs Library in Sparks on Jan. 24.

## Incline Village Public Works - Feb. 1

Adrian Howe presented the radon message, and Derrick Carpenter presented the radon mitigation portion to 10 participants at the Incline Village Public Works building. Thirteen test kits were given out, and five were used.



Adrian Howe and Derrick Carpenter presented radon information to Incline Village residents on Feb. 1 at the Incline Village Public Works building.

## Southern Nevada Tour - Feb. 2-9

From Feb. 2 to Feb. 9, Nadia Noel, education coordinator, gave 11 radon presentations and was interviewed four times by three television stations and one radio station. These efforts resulted in an increase of test kit requests by

» continued, See PRESENTATIONS, Page 7

# Presentations

Continued from Page 6



*Noel and Denny educated nine attendees about radon at the West Charleston Library program in Las Vegas on Feb. 5.*

mail, as twice the number of kits were mailed this year compared to the same time period last year.

### Better Breather's Club, Henderson - Feb. 2

Noel spoke to members of the Better Breather's Club at the end of their regular monthly meeting. Twelve attendees learned about the health risk of radon, and five of them took a test kit for their homes.

### Nevada Desert Realty, Henderson - Feb. 3

Noel gave a radon presentation to 10 Nevada Desert Realty staff and one home inspector. Nine of them took a test kit for their homes. The staff had many questions about radon that they were able to get answered during the presentation.

### Enterprise Library, Las Vegas - Feb. 4

Noel offered a radon presentation at the Enterprise Library to seven attendees on the message of radon. Norm Denny educated the attendees on radon mitigation. Three test kits were given away, and one was used by the end of March. The second place Nevada Radon Poster Contest winner's ceremony took place prior to the presentation. (See article on page 2)

### West Charleston Library, Las Vegas - Feb. 5

Noel gave a radon presentation at the West Charleston Library to nine attendees on the message of radon. Denny educated the attendees on radon mitigation. Thirteen test kits were given out, and four were used.

### Clark County Library, Las Vegas - Feb. 5

Noel offered a radon presentation at the Clark County Library to 17 attendees on the message of radon. Denny educated the attendees on radon mitigation. Thirteen test kits were given away, and six were used.



*Noel and Denny provided radon education to 15 Las Vegas residents at Centennial Hills Library on Feb. 6.*



*Nadia Noel was assisted by Norm Denny and Bob Knauff, certified radon professionals, in educating a crowd of 36 Boulder City residents on Feb. 7 at the Boulder City Library.*

### Centennial Hills Library, Las Vegas - Feb. 6

Noel offered a radon presentation at the Centennial Hills Library to 15 attendees on the message of radon. Denny educated the attendees on radon mitigation. Six test kits were given out, and two were used.

### Henderson Rotary Club - Feb. 7

Noel presented at the Henderson Rotary Club to 12 people. Twelve test kits were given away, and two were used.



*Noel spoke to about 12 Henderson Rotary Club members on Feb. 7.*

### Boulder City Library - Feb. 7

Noel presented at the Boulder City Library. Bob Knauff, a certified radon measurement specialist for Beacon Inspection Services, educated the attendees on radon testing using a continuous radon monitor. Denny educated the attendees on radon mitigation. About 36 people attended, and 43 test kits were given out. Of those test kits, 15 were used.



*Noel and Knauff provided radon education to another record-breaking crowd of 58 Henderson residents at Green Valley Library on Feb. 8.*

### Kiwanis of Las Vegas - Feb. 8

Noel presented at the Marie Calendars on West Sahara to the Kiwanis of Las Vegas. At least 18 attendees took a total of 11 test kits, and three have been used so far.



*Noel spoke to 18 members at the Kiwanis Club of Las Vegas during a luncheon meeting on Feb. 8.*

### Green Valley Library, Henderson - Feb. 8

Noel offered a radon presentation to a record-breaking crowd of 58 Henderson residents. Knauff educated the attendees on radon testing using a continuous radon monitor. At least 71 test kits were given away, and 20 were used by Mar. 31.

» continued, See PRESENTATIONS, Page 18



*Noel and Knauff provided radon education to a crowd of 58 Henderson residents at Green Valley Library on Feb. 8.*



# Short-term test kit data by point of distribution

The data in the charts below show the number of short-term test kits distributed at various events and locations through face to face contact, or by indirect methods from phone calls, emails or mailed in coupons during January through March quarter. They show the number of kits distributed as well as the number of kits used by Mar. 31. The percentage columns represent the percent of usage or success rate within the activity or test kit distribution location.

Overall, 4,848 short-term test kits were distributed during January through March, and the test kit usage rate was 47.1 percent. This is an increase of 798 test kits given out in the same period last year.

## Special Projects, Partners and Cooperative Extension

Partners, Cooperative Extension offices, and special projects provided a distribution of 2,905 short-term radon test kits, which is an increase of 239 over last year's third quarter results. The short-term test kits that were picked up at Cooperative Extension and partner offices, or through individuals or groups amounted to 60 percent of the total number of kits given out in the

quarter. Of those kits, about 47 percent were used.

Newly established partners, Carson Tahoe Cancer Center and Sun Valley General Improvement District provided a distribution point for 327 kits, while established partners, Tahoe Regional Planning Agency, Fernley City Hall, Incline Village Recreation Center, Central Lyon County Fire Department and Storey County Library distributed 214 kits.

The Washoe County Cooperative Extension office distributed 995 short-term kits this quarter, the most of any of the offices. Douglas County Cooperative Extension gave out 352, with Clark County following closely at 322. Carson City County Cooperative Extension gave 229 kits this quarter.

## Statewide program presentations and events

NREP gave 885 free test kits during 31 radon program presentations and events and at least 237 kits were used by Mar. 31, which is a 26.8 percent usage rate.

## Mail order requests

NREP received 1,058 requests for test kits by mail: 383 by phone request, 352 by email, and 287 by website coupons. Eleven were by coupons from the local libraries, eight with various coupon sources, and 17 via Eventbrite online ordering. The usage rate is 44.7 percent, as 473 kits were used by Mar. 31.

Distribution point	No. kits distributed	No. tested	% tested
Mail requests - by Email	352	170	48.3%
Mail requests - by Eventbrite online order	17	7	41.2%
Mail requests - by Library coupon	11	4	36.4%
Mail requests - by Misc. coupons	8	4	50.0%
Mail requests - by Phone	383	142	37.1%
Mail requests - by Website coupon	287	146	50.9%
<b>TOTALS</b>	<b>1058</b>	<b>473</b>	<b>44.7%</b>

Distribution point	No. kits distributed	No. tested	% tested
Carson City County Cooperative Extension	229	113	49.3%
- Carson Tahoe Cancer Center	225	104	46.2%
Churchill County Cooperative Extension	119	62	52.1%
Clark County Cooperative Extension	322	138	42.9%
- NE Clark Cooperative Extension	8	4	50.0%
Douglas County Cooperative Extension	352	199	56.5%
- Tahoe Regional Planning Agency	28	11	39.3%
Elko County Cooperative Extension	14	10	71.4%
Humboldt County Cooperative Extension	87	41	47.1%
- Grass Valley Baptist Church	20	1	5.0%
Lander County Cooperative Extension	56	33	58.9%
Lincoln County Cooperative Extension	18	8	44.4%
Lyon County Cooperative Extension	34	16	47.1%
- Central Lyon County Fire Department	35	25	71.4%
- Fernley City Hall	46	29	63.0%
Mineral County Cooperative Extension	11	8	72.7%
Southern Nye County Cooperative Extension	2	1	50.0%
Pershing County Cooperative Extension	20	14	70.0%
Storey County Library	21	9	42.9%
Washoe County Cooperative Extension	995	619	62.2%
- Incline Village Recreation Center	84	40	47.6%
- Sun Valley GID	102	47	46.1%
- UNR-Reno	20	9	45.0%
White Pine County Cooperative Extension	15	5	33.3%
Mitigator Derrick Carpenter distribution	10	5	50.0%
Mitigator Norm Denny kit distribution	32	23	71.9%
<b>TOTALS</b>	<b>2905</b>	<b>1574</b>	<b>54.2%</b>

Date	Program	No. kits distributed	No. tested	% tested
1/7/17	Northwest Reno Library Program	33	15	45.5%
1/11/17	CVIC Program	11	7	63.6%
1/12/17	Lander County Proclamation	5	0	0%
1/17/17	Storey County Commissioners	8	1	12.5%
1/18/17	Carson Senior Center Program	9	3	33.3%
1/19/17	Reno/Sparks Assoc of Realtors Program	19	5	26.3%
1/24/17	Spanish Springs Library Program	10	7	70%
1/27/17	Renown Health Free Kit Day	290	75	25.9%
2/1/17	Incline Village Public Works Program	13	5	38.5%
2/2/17	Better Breathers Club Program	5	0	0%
2/3/17	NV Desert Realty Program	9	1	11.1%
2/4/17	Enterprise Library Program	3	1	33.3%
2/5/17	Clark County Library Program	13	6	46.2%
2/5/17	Observations radio interview	4	0	0%
2/5/17	West Charleston Library Program	13	4	30.8%
2/6/17	Centennial Hills Library Program	6	2	33.3%
2/6/17	KTNV TV Ch 13 News Interview	4	0	0%
2/7/17	Boulder City Library Program	43	15	34.9%
2/7/17	Henderson Rotary program	12	2	16.7%
2/7/17	KVVU Fox 5 interview	2	0	0%
2/8/17	Green Valley Library Program	71	20	28.2%
2/8/17	Kiwanis Club of Las Vegas Program	11	3	27.3%
2/8/17	South Valleys Library Program	30	14	46.7%
2/9/17	Sunrise Rotary program	33	9	27.3%
2/12/17	Sierra View Library Program	25	11	44%
2/16/17	Sparks Library Program	12	2	16.7%
2/21/17	Jet Health Fair	34	0	0%
2/28/17	Yerington Intermediate School Program	24	8	33.3%
3/2/17	TRPA Program	13	8	61.5%
3/6/17	Radon Awareness Day at the Legislature	110	13	11.8%
3/9/17	Washoe County Chronic Disease Coalition Program	10	0	0%
<b>TOTALS</b>		<b>885</b>	<b>237</b>	<b>26.8%</b>

# Radon in the news...

Dec. 3, 2016  
Reno Gazette-Journal

## Don't let radon be a Grinch this holiday season

**NADIA NOEL MASTER GARDENER**

As we approach the holiday season, many of us are preparing for dinner guests, parties, family time and gift giving. While we focus on managing our daily responsibilities and the abundance of festivities, we may be missing out on protecting our families and ourselves from one odorless, colorless and tasteless Grinch called radon.

The number one cause of lung cancer in nonsmokers and is the second leading cause of lung cancer in smokers, taking an estimated 21,000 lives a year in the U.S. That is why University of Nevada Cooperative Extension and the Nevada Division of Public and Behavioral Health urge all Nevadans to test their homes for radon.

The winter heating season is the perfect time to test your home. Testing is simple and affordable, and is locally available for free. Short-term tests are \$7 if picked up from a Cooperative Extension office.



The winter heating season is the perfect time to test your home for radon. Photo by JAMES CEMER.

Jan. 14, 2017  
Reno Gazette-Journal

## Free kits test for deadly, cancer-causing radon

**NADIA NOEL MASTER GARDENER**

A new year is a great opportunity to start something new and make resolutions to improve health. An easy resolution to improve your health is to test your home for radon, a preventive action to reduce the risk of radon-caused lung cancer.

Radon is a gas that comes from the natural decay of uranium in soil. It can enter your home through cracks and other openings in the foundation.

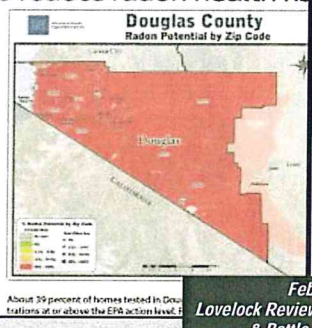
Jan. 21, 2017  
Tahoe Daily Tribune

## Learn how to reduce radon health risk

As part of National Radon Action Month, the University of Nevada Cooperative Extension Radon Education Program is offering free radon test kits and educational presentations at various locations across the state, including at the Lake Regional Planning Agency (LRPA), located at 1400 S. St. Stephen in Mammoth, on Jan. 27, at 6 p.m.

Radon is a naturally occurring, radioactive gas that is colorless, odorless and tasteless. It comes from the ground and can accumulate in houses, raising the risk of lung cancer.

February is the second and final month test kits will be available at no charge at our office. A simple three-day test can show whether a home has an elevated radon level, indicated Shannon Burmen, University of Nevada Cooperative Extension (UNCE) Executive Secretary responsible for distributing the kits at the Lander County Cooperative Extension office, 815 N. 2nd Street in Battle Mountain. Test kits include the test



About 39 percent of homes tested in Douglas County are at or above the EPA action level.

## Learn how to reduce the radon health risk

**AGRICULTURE**

January is National Radon Action Month, and University of Nevada Cooperative Extension's Radon Education Program is offering free radon test kits and educational presentations at various locations across the state. Free test kits are available at Cooperative Extension offices and partner offices statewide from Jan. 1 through Feb. 28, and will also be available at the presentations.

Radon is a naturally occurring, radioactive gas that is colorless, odorless and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer. The U.S. Environmental Protection Agency (EPA) estimates 21,000 Americans die each year from radon-caused lung cancer, killing more people than second-

Feb. 15, 2017  
Mason Valley News

## Last chance for free radon kits to test homes for deadly gas

University of Nevada Cooperative Extension's Radon Education Program is offering free radon test kits and educational presentations at the depots of radon Feb. 16 in Sparks, Feb. 17 in Yerington and Feb. 18 in Gardnerville.

Radon is a naturally occurring, radioactive gas that is colorless, odorless and tasteless. It comes from the ground and can accumulate in homes, increasing the risk of lung cancer. The U.S. Environmental Protection Agency estimates 21,000 Americans die each year from radon-caused lung cancer, killing more people than second-hand smoking.

Jan. 22, 2017  
Renown ad in RGJ

### Health Source

Your guide to living well

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### Learn how to reduce the radon health risk

Free Radon Kits for Nevadans Jan 27, 7 - 10 a.m.

Join us at the American Heart Association's Cox Field Luncheon to celebrate the energy passion and power of science in preventing heart disease. 525 on W. 525 p.m., Reno Ballroom, 9707 Renaissance/Mountain.

2/2 Go Red for Women Luncheon

Join us at the American Heart Association's Cox Field Luncheon to celebrate the energy passion and power of science in preventing heart disease. 525 on W. 525 p.m., Reno Ballroom, 9707 Renaissance/Mountain.

2/22 Save Your Heart Luncheon

Save to your heart's best friend with John Evans, MD, heart doctor with Precision Institute for Heart & Vascular Health, noon to 1 p.m., Adams Center Press Sun, Paradise Ballroom. Doors open at 11:30 a.m. Limited seating. Cost is \$10, includes lunch. RSVP required: 682-5430.

Renown Volunteer Services

Renown Volunteer Services is seeking for adults 18 years or older to make a difference for patients and families visiting the hospital. Call: 972-4755

2/23

2/23

2/23

Feb. 8, 2017  
Battle Mountain Bugle

## UN Extension provides free radon test kits through February

BATTLE MOUNTAIN - You can't see, smell, or taste radon gas, but an elevated radon level in your home may be affecting the health of you or your family. Radon is a naturally occurring radioactive gas released in rock, soil, and water from the natural decay of uranium.



PHOTO COURTESY OF LISA K. TAYLOR, SHANNON BURMEN, COOPERATIVE EXTENSION, BATTLE MOUNTAIN.

Dec. 28, 2016  
The Leader-Courier

## Learn how to reduce the radon health risk

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Radon is a naturally occurring, radioactive gas that is colorless, odorless and tasteless. It comes from the ground and can accumulate in houses, raising the risk of lung cancer.

Feb. 15, 2017  
Loveland Review-Miner, Humboldt Sun & Battle Mountain Bugle

## Free radon test kits available

Free short-term radon test kits are available to Douglas County residents year-round. Douglas County is one of the most tested counties in Nevada, according to the U.S. Environmental Protection Agency.

Feb. 22, 2017  
The Record-Courier

## Free radon test kits available

Free short-term radon test kits are available to Douglas County residents year-round. Douglas County is one of the most tested counties in Nevada, according to the U.S. Environmental Protection Agency.

Feb. 8, 2017  
Mason Valley News

## Free radon test kits available at Mineral County Extension office

The University of Nevada Cooperative Extension's Radon Education Program is offering free radon test kits to Douglas County residents year-round.

Feb. 17, 2017  
Tahoe Daily Tribune

## TRPA radon event rescheduled

The Truckee River Planning Agency (TRPA) has rescheduled its radon education event to February 17th.

Jan. 4, 2017  
Loveland Review-Miner, Humboldt Sun & Battle Mountain Bugle

## Humboldt County News

### Radon is a danger best faced

Testing and mitigation is not difficult

The first weeks of every year are the best to test for radon. The winter heating season is the perfect time to test your home for radon, a preventive action to reduce the risk of radon-caused lung cancer.

Feb. 10, 2017  
Lincoln County Record

## Free radon testing kits available

It is that time of year for RADON testing. Free Radon kits are available and can be picked up from 8 a.m. to noon, Monday through Friday at the University of Nevada Cooperative Extension in Caliente, Kitty corner from the Caliente Elementary School. Radon Kits are free until Feb. 28. Get your home tested today to ensure your home is radon free.

Jan. 20, 2017  
Lahontan Valley News

### AGRICULTURE

Free radon test kits available at UNCE extension office

Free short-term radon test kits are available to Douglas County residents year-round. Douglas County is one of the most tested counties in Nevada, according to the U.S. Environmental Protection Agency.

Feb. 17, 2017  
Mason Valley News

## Free radon kits available at UNCE extension office

Free short-term radon test kits are available to Douglas County residents year-round. Douglas County is one of the most tested counties in Nevada, according to the U.S. Environmental Protection Agency.

# NRAM

Continued from Page 3



The digital billboard at Red Lion Hotel, 2065 Idaho St., in Elko. An estimated 12,000 vehicles pass the hotel location each day.

message on their billboard on North Virginia Street in January and February. Nevada Department of Transportation (NDOT) estimates that 10,500 vehicles pass the sign each day. The university also displays the message on their televisions in the UNR Joe Crowley Student Union, during the NRAM season.

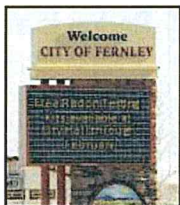
The Red Lion Hotel in Elko has displayed radon messages for NREP since January 2010. An estimated 12,000 vehicles drive by this area each day. This billboard is located at 2065 Idaho St. in Elko.



Digital billboards at Pioneer Crossing in Fernley and Dayton displayed radon messages. An estimated 10,500 vehicles pass the Fernley location and 1,700 vehicles pass the Dayton location each day.

Since 2010, Pioneer Crossing Casino advertises free kits on its billboards in Fernley, Dayton and Yerington casinos. An estimated 10,500 drive by the Dayton billboards on East Main and U.S. Highway 50 and 1,700 drive by the Fernley sign located at 4 Pine Cone Road and U.S. Highway 50 East each day. About 3,900 are estimated to drive by the Yerington sign, located at 11 N. Main St.

The City of Fernley distributed free short-term radon tests and displayed the radon message on their reader board, as they have done the past two years. An estimated 10,500 vehicles drive past that board each day. This billboard is located at 595 Silver Lace Blvd.



City of Fernley reader board

Two digital reader boards in Fallon posted free radon test kit messages during the free kit period. Pat Whitten, administrative aid for the Churchill County Cooperative Extension office, was able to get the messages on the boards. The boards are located on Highway 95 south of the City of Fallon. The average daily



Two digital reader boards in Fallon displayed free radon test kit messages throughout the free kit period.



traffic is an estimated 4,100.

### 40-foot street banner

NREP uses a 40-foot street banner to display the radon message over sections of highway in Gardnerville and Carson City each year. The banner provides awareness of radon to those who pass by, causing many new people to test their homes for radon and reminds others to remember to retest their homes.

The street banner was displayed from Jan. 23 to Jan. 30, on Carson Street, north of Proctor. An estimated 16,500 vehicles travel through this area each day. The banner was also hung in Gardnerville from Feb. 6 to Feb. 20, on U.S. Highway 395 south of Eddy Street. An estimated 19,500 vehicles travel through that spot on the highway each day.



The radon street banner was displayed in Gardnerville Feb. 6 to Feb. 20, on US 395 South.

### 3' x 8' banners

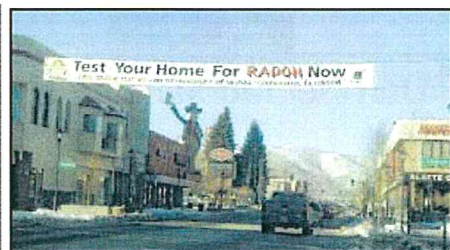
The 3-by 8-foot vinyl banners are used to announce the availability of radon test kits at various Cooperative Extension offices statewide.



The Radon banner was displayed outside the Carson City County Extension office.

### Media Outreach

Local media is used to highlight NREP's efforts to reach and educate new audiences and remind Nevadans that winter is the best time to test for the gas. Most of the people that request free test kits credit hearing about the kits on television, radio or reading a newspaper



The radon street banner was displayed in Carson City Jan. 23-30.

article. NREP submits news release at the end of December, and in January and February to announce the free period and to encourage people to test their homes for the gas.

### Television interviews

Clark County Cooperative Extension media specialist Marilyn Ming scheduled three of the television interviews for Nadia Noel's road trip to Las Vegas in February. Most of the interviews focus on why Nevadans should test for the radioactive gas. Whenever television interviews occur, phone calls to NREP increase; February was a busy time for the Radon Hotline!



Nadia Noel is interviewed by Melissa Matheny, KRNV Ch. 4 and FOX Reno. The report aired on Jan. 2.

- Melissa Matheny, KRNV Channel 4 and FOX, Reno, interviewed Noel on the morning of Dec. 29. The report aired on Jan. 2, and viewers were able to see how a radon test is done as well as learn some history about the Nevada Radon Education Program. The interview can be found at this link: <http://mynews4.com/news/local/officials-urging-nevadans-to-test-home-for-cancer-causing-gas>

- John Potter, KTVN Channel 2, Reno, interviewed Susan Howe and Noel on Jan. 3. The focus of the interview was radon levels throughout the county and



John Potter, KTVN Ch. 2 news, interviews Nadia Noel and Susan Howe at the Cooperative Extension office in Reno on Jan. 3.

» continued, See NRAM, Page 12

# Radon in newsletters...

**IVGID Public Works News in December 2016 utility bill**

**INCLINE VILLAGE PUBLIC WORKS**

## IVGID PUBLIC WORKS NEWS

DECEMBER 2016

1220 Sweetwater Road, Incline Village NV 89451. OFFICE HOURS: M-F 8 AM to 4:30 PM  
P: (775) 832-1203 F: (775) 832-1260, PW@IVGID.ORG WWW.IVGIDPUBLICWORKS.COM

**36% of Incline Village/Crystal Bay homes tested have a Radon problem**

**Do you know the Radon level in your home?**

**TESTING IS THE ONLY WAY TO KNOW!**

**January is National Radon Action Month**

Radon test kits are FREE\*\* to Nevada residents

Jan. 1 through Feb. 28, 2017

**at Incline Village Recreation Center**

930 Incline Way, Incline Village  
Monday-Friday, 9 a.m. to 9 p.m.  
Saturday-Sunday, 7 a.m. to 8 p.m.

**Free Radon Presentations**

Learn where Radon comes from, how to test for it, and how to fix Radon problems

**Wednesday, Feb. 1, at 6 p.m.**

**IVGID Public Works**  
1220 Sweetwater Rd  
Incline Village

**SUN CITY ANTHEM**

**Jan. 20, 2017**

Radon is the primary cause of lung cancer in nonsmokers. Any may obtain a free radon test kit by calling Nadia at (775) 336-0252 and leaving their name and mailing address. 9 out of 76 homes tested in 89044 have tested excessive in Radon and 71 of 235 homes in 89052 have tested positive for excessive radon. You may purchase test kits during other months but they are free in January.

On February 8, the state office for radon detection will be doing a presentation at the Green/Yellow Library at 750 North Green Valley

**Pershing County Safety Connection**

Test kits to give away at the January 2017

**SUN CITY ANTHEM**

**January 2017**

**The New Year Has Begun!**

Lots of things to look for in Safety this year! The Safety Manual will have many new updates. Look for updates in the Hazard Communication policy, a new Emergency Action Plan, a new Safety Policy, and more. Look for this by summer!

Please read the information below. This is an important message for the safety of you and your loved ones! Take this seriously and get your message checked! It's easy, and right now the test kit is FREE to go to the Cooperative Extension office to get yours. If you need any help with it, please let me know. I will be happy to assist!

**SAFETY CONNECTION**

Pershing County's Safety Newsletter

**January 2017**

**The New Year Has Begun!**

Lots of things to look for in Safety this year! The Safety Manual will have many new updates. Look for updates in the Hazard Communication policy, a new Emergency Action Plan, a new Safety Policy, and more. Look for this by summer!

Please read the information below. This is an important message for the safety of you and your loved ones! Take this seriously and get your message checked! It's easy, and right now the test kit is FREE to go to the Cooperative Extension office to get yours. If you need any help with it, please let me know. I will be happy to assist!

**Boulder City Rotary**

**February 2017**

**The Rotary Wheel**

**Boulder City Junior Rotary**

**February 18, 2017**

**Washoe County Chronic Disease Coalition e-news**

**January, February & March 2017**

**FEBRUARY 2017 - WASHOE COUNTY CHRONIC DISEASE COALITION ANNOUNCEMENTS:**

Thank you all for submitting monthly announcements!!!

**FREE Radon Test Kits and Educational Programs**

- January was National Radon Action Month, but the University of Nevada Cooperative Extension's Radon Education Program is still offering free radon test kits and educational presentations through February. Test kits are available statewide (<http://bit.ly/freeRadonLocations>) through Feb. 28, and will also be available at presentations (<http://bit.ly/FreeRadonPrograms>).
- Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer. Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer.

**2016-2017 Leadership Team**

**Officers**

**President**  
Deanna Parsons

**Michelle Gemmill** introduced our speaker, Nadia Noel, who is the Radon Education Coordinator for the University of Nevada. Nadia shared information about Radon, which is a naturally occurring radioactive gas. It encountered in large doses over a period of time, Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer.

**Hidden Valley Homeowners Association**

A COMMUNITY VOLUNTEER ORGANIZATION

WEB-SITE ADDRESS: [hiddenvalleyhomeowners.com](http://hiddenvalleyhomeowners.com)

1650 Hidden Valley Road, Box 18636, Reno, NV 89511

**Hidden Valley Homeowners Association February 2017**

**Dues/dues:**  
John Phillips 157-3111  
Stacy Horn 224-2109  
Arlene Christensen 435-4111  
457-1990

**Hidden Valley Homeowners Association February 2017**

**RADON TESTING**

By Nadia Noel, UNR Cooperative Extension

A new year is a great opportunity to start something new and make resolutions to improve health. An easy resolution to improve one's health is to test your home for radon, a preventive action to reduce the risk of radon-caused lung cancer.

a higher potential for an elevated level of radon than others. For example, ZIP code 89501 has the highest potential in Washoe County, where 48 percent of the homes tested have a level of radon that is at or above the EPA action level.

If you verify that your home has an elevated level of radon, a radon professional, who is also a State Contractors Board as a such an individual will help to mitigation is done according to level of radon in your home is a action level. In Nevada, radon basement and slab foundation and \$2,500, while crawlspace average around \$3,800. These are free to Nevadans through National Radon Action Month. They Cooperative Extension and as the state. For a kit or more at the Nevada Radon Education Program, or call the Radon Hotline. Information can also be found at Education Program's Facebook in Education, and on Twitter

**Carson Tahoe.org e-news**

**Jan. 19, 2017**

**Pick up a FREE Radon Test Kit!**

Did you know that radon, a naturally occurring invisible/gaseous gas found throughout Northern Nevada, is the second-leading cause of lung cancer (yes, it even causes more cancer cases than secondhand smoke)? Unfortunately, elevated levels of radon have been found in 39% of Carson City homes tested.

January is National Radon Action Month, and Carson Tahoe Health is partnering with University of Nevada Cooperative Extension to bring you FREE radon testing kits that you can use to test your home! These easy-to-use kits can let you know if you should consider adding a radon mitigation system to your home to protect yourself and loved ones.

Get your FREE radon test kit at the Carson Tahoe Cancer Resource Center (1535 Medical Parkway in North Carson City) now through the end of February.

Click here to learn more: [http://www.carson-tahoe.org](#)

**NEVADA CANCER COALITION**

**Please Join Us!**

**Cancer Prevention & Early Detection Day at the Nevada Legislature**

**Monday, March 6, 7:30 - 11 a.m.**

**Room 3100**

**Nevada Cancer Coalition**  
**Feb. 8 and 24, 2017**

**ISVP Today!**

prevention and early detection are the most effective ways to reduce the burden of cancer in Nevada. Nevada's cancer prevention and early detection role they play in cancer control by visiting with the state. These partners are on the front line of cancer health care and include:

**Elko County 4-H News**

**January and February 2017**

**Test Your Home**

Stop by the Cooperative Extension Office, 701 Walnut Street in Elko, NV. Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer.

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**Washoe County 4-H News**

**January 2017**

**Learn to Reduce the Radon Health Risk**

January is National Radon Action Month, and University of Nevada Cooperative Extension's Radon Education Program is still offering free radon test kits and educational presentations. Free radon test kits and educational presentations are available at presentations (<http://bit.ly/FreeRadonPrograms>).

Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer.

**Washoe County Chronic Disease Coalition e-news**

**January, February & March 2017**

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**Elko County 4-H News**

**January and February 2017**

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Stop by the Cooperative Extension Office, 701 Walnut Street in Elko, NV. Radon is a naturally occurring, radioactive gas that is colorless, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer.

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**Humboldt County**

**Radon Potential by Zip Code**

Map showing radon potential by zip code in Humboldt County, Oregon.

**Washoe County Chronic Disease Coalition e-news**

**January, February & March 2017**

**MARCH 2017 - WASHOE COUNTY CHRONIC DISEASE COALITION ANNOUNCEMENTS:**

Thank you all for submitting monthly announcements! And thank you Kalyne Mitchell for compiling all of the announcements!

**Chronic Disease Coalition**

has a fun event for you at the next Chronic Disease Coalition meeting: Thursday, March 9<sup>th</sup> from 9am - 10:30am at Washoe County Health District, Auditorium B. Topics:

- Healthy Way to Grow - Helping Early Childhood Providers Create Healthier Environments for Children
- Clara Westfall, HWIG Child Care Specialist, American Heart Association
- Radon: What You Don't Know Could Hurt You!
  - Susan Howe, Program Director, Nevada Radon Education Program University of Nevada Cooperative Extension
  - Nadia Noel, Education Coordinator, Nevada Radon Education Program University of Nevada Cooperative Extension

**Elko County 4-H News**

**January and February 2017**

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**grassvalley baptist church**

**Welcome and Thank You for Joining Us This Morning!**

If you consider it such a blessing to have your worship with us, if you are new or just joining we would love to have your contact information. Just fill out the "Communication Card" attached to this bulletin, tear off, and drop it in the offering box on the back table. Thanks!

**Events Coming Up**

3:10 Bunch	3:11 Men's Wild Game Feed (Ekal)
3:12 Family Fellowship Dinner	3:17 NEBA Women's Conf.

**FREE RADON KITS-SIGN UP ON SHEET ON BACK TABLE AND KITS WILL BE SENT HERE TO THE CHURCH FOR YOU!!!**

**grassvalley baptist church**

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**FREE RADON KITS-SIGN UP ON SHEET ON BACK TABLE AND KITS WILL BE SENT HERE TO THE CHURCH FOR YOU!!!**

**NACO ~ NEWS**

Encourages county government to provide quality education and support services to maximize efficiency and foster public trust in county government

**February 20, 2017**

**NATIONAL RADON ACTION MONTH**

In recognition of National Radon Action Month, University of Nevada Cooperative Extension, the Nevada Division of Public and Behavioral Health, in conjunction with the EPA, will strengthen efforts to educate the public about the dangers of radon and what can be done to maximize the health risk from exposure to elevated levels of indoor radon. As part of their education efforts, [www.nvradon.org](http://www.nvradon.org) will be conducted all over the state, so that citizens can learn more about the dangers of radon. Free radon test kits will also be provided to Nevadans during the presentations on January and February. For those not able to attend a presentation, <http://bit.ly/freeRadonPrograms>

**NACO is Proud to Support These Programs Beneficial to Counties**



# NRAM

Continued from Page 10



John Potter, KTVN Ch. 2 news, interviews Susan Howe, program director, on Jan. 3 at the Washoe County Cooperative Extension office in Reno.

the process of testing for the gas. The highlights of this television interview can be found at <http://www.ktvn.com/story/34174707/free-test-to-check-your-risk-of-radon>

- **Todd Quinones, KTNV Channel 13, Las Vegas**, interviewed Noel on Feb. 6 in the afternoon. The news story was broadcast live. To view this interview go to this link: <http://www.ktnv.com/on-air/interviews/is-radon-in-your-home>



Noel was interviewed by Monica Jackson on Feb. 7 for Fox 5 News This Morning in Las Vegas.

- The live interview by **Monica Jackson, KVVU News 5, Las Vegas**, was on Feb. 7 for Fox 5 News This Morning. To view this interview go this link: <http://www.fox5vegas.com/clip/13084660/tips-to-detect-radon>
- After contacting her for an interview, **John Trigg of KHSV-TV** interviewed Noel right before the Green Valley Library presentation began. Trigg said the report would be shown throughout the country at a later date.
- **Gina Lazara, KTNV Channel 13, Las Vegas**, interviewed Noel on Feb. 8 to educate viewers on how to test their home for the gas. That news story played during the 10 p.m. news that night. To view this interview go to <http://www.ktnv.com/news/find-out-if-you-are-living-among-dangerous-levels-of-radon>.

### Radio interviews

- Noel was interviewed by Bob Fisher of the Vegas Observations radio show on



In-studio guest panelists for Observations on Feb. 5, are pictured from left: Charles Perry, Charles Perry Foundation, Nadia Noel, radon education coordinator, and Ryan Stock, executive director of Operations, Eclipse Theaters Las Vegas.

Feb. 5. The program was broadcast live on 720 KDWN and streamed on the internet. The hour-long interview covered several topics



Bob Fisher is the voice behind the Observations radio show in Las Vegas.

including radon, the silent killer. Two other people were interviewed during the show and both of them, the host and the audio tech, requested free test kits as result of the discussions on the radioactive gas. To listen to the radio interview visit <http://bobfishernv.com/vegas-observations-episode-019/>

- **Hernando Amaya from Chispa NV**, the Latino Nevada Chapter of the League of Conservation Voters, interviewed **Teresa Shaerer**, radon program assistant, on Feb. 16 on RAICES (Roots, in English), an environmental radio show. This was the first Spanish language interview NREP offered because of Shaerer's Spanish language expertise. The focus of the interview was what is radon, how can I protect my family from it, and how can the University of Nevada Cooperative Extension help communities. The interview aired on **Super Estrella 92.7** in Clark County on Feb. 19.

### Partnerships & Collaboration

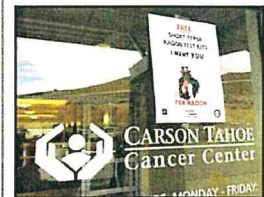
NREP works with new and continuing partners to spread the radon message to more Nevadans and provide places for people to get radon test kits. Educational radon presentations are also offered in January and February throughout the years at the public library systems of Washoe and Clark counties. **Carson Tahoe Cancer Center**

A new partnership began this NRAM with the **Carson Tahoe Cancer Center**. The Cancer Resource Center served as a distribution point for free radon test kits for

residents of Carson City, Dayton and surrounding areas. Carson Tahoe



Health sent an email message about the free kits availability to 22,000 community and Nevada contacts. An e-newsletter was also sent to 2,000 employees, and radon information was posted to their website. More than 10,000 social media followers also heard the message



Carson Tahoe Cancer Center served as a new test kit distribution outlet for NREP's free kits.

through their Facebook page posts and Twitter "tweets." In two months, the cancer center gave out 225 test kits and 104 or 46 percent of the kits had been used by Mar. 31.

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.

### Sun Valley General Improvement District

The **Sun Valley General Improvement District (SVGID)** and NREP renewed their partnership, after a break for several years, as a distribution point for free kits.



The district worked with NREP to be a central location between the valley and the Spanish Springs area of Sparks. The **GID** offered educational radon materials along with the test kits and more than 100 test kits were given out at this location and 47 kits were used.

SVGID distributed more than 300 test kits in the 2009 NRAM campaign, which was the first full-blown NRAM campaign effort for NREP.

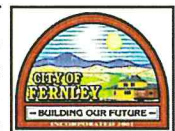
### Central Lyon County Fire Protection District

The **Central Lyon County Fire Protection District**, also known as the **Dayton Fire Station**, served as a test kit distribution site for a second year. The station gave out 35 kits to residents from Jan. 1 to Feb. 28. Twenty-five of those kits (71 percent) were used by Mar. 31.



### City of Fernley

In its third year of assisting NREP, the **Fernley City Hall** gave out 46 test kits to area residents and advertised the free radon tests on their reader board and website. Sixty-three percent, or 29 kits, were used.



» continued, See NRAM, Page 14

# Radon on the internet...

**Are you living among dangerous levels of radon?**

2-8-17  
KTNV.com

DEADLY GAS COULD SEEP INTO HOMES

3:59 mins

13 FIRST ALERT WEATHER TRAFFIC ALL SECTIONS

**Is radon in your home?**

2-6-17  
KTNV.COM

IS RADON IN MY HOME?

3:39 mins

13 FIRST ALERT WEATHER TRAFFIC ALL SECTIONS

**radonleaders.org**

1-4-17

Radon Leaders Saving Lives

National Radon Poster Contest - Online Voting Form

2-6-17  
KTNV.COM

2-8-17  
rqi.com

**Lung Cancer in Nevada**

www.RadonNV.com

1-10-17  
ThisIsReno.com

UNR Offering Free Radon Test Kits and Education

I WANT YOU FOR RADON

**Officials: Radon health risks still a concern across Nevada**

1-5-17  
sierrasun.com

Sierra Sun Bonanza

1-13-17 and 1-26-17  
trpa.org

TAHOE REGIONAL PLANNING AGENCY

A voice for Lake Tahoe

1-27-17  
radonleaders.org

Radon Leaders Saving Lives

2017 Radon Poster Contest Winners Announced

1-31-17  
radonleaders.org

Radon Leaders Saving Lives

Nevada Uses Facebook to Announce Free Radon Test Kits

1-19-17  
renown.org

Renown Health

Lung Cancer Screening & Prevention

1-23-17  
tahoedailytribune.com

Tahoe Daily Tribune

Learn how to reduce radon health risk

2-15-17  
recordcourier.com

The Record-Courier

Free radon test kits available

2-17-17  
mcindependentnews.com

Mineral County Independent-News

Free radon test kits available at Mineral County Extension office

1-5-17  
recordcourier.com

Free radon test kits available at

2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**Radon Awareness Event at TRPA Rescheduled to March 2**

1-13-17 and 1-26-17  
trpa.org

Radon is a naturally occurring radioactive gas that is invisible, odorless, and tasteless. It comes from the ground and can accumulate in homes, raising the risk of lung cancer. The EPA estimates that 21,000 Americans die each year from radon-caused lung cancer, making it the second leading cause of cancer death among both men and women.

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**Officially urging Nevadans to test their homes for cancer-causing gas**

1-2-17  
KRNV.com

Officially urging Nevadans to test their homes for cancer-causing gas

1-2-17  
KRNV.com

Officially urging Nevadans to test their homes for cancer-causing gas

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1-2-17  
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Officially urging Nevadans to test their homes for cancer-causing gas

1-2-17  
KRNV.com

Officially urging Nevadans to test their homes for cancer-causing gas

**Radon Leaders Saving Lives**

2017 Radon Poster Contest Winners Announced

1-31-17  
radonleaders.org

Radon Leaders Saving Lives

Nevada Uses Facebook to Announce Free Radon Test Kits

1-19-17  
renown.org

Renown Health

Lung Cancer Screening & Prevention

1-23-17  
tahoedailytribune.com

Tahoe Daily Tribune

Learn how to reduce radon health risk

2-15-17  
recordcourier.com

The Record-Courier

Free radon test kits available

2-17-17  
mcindependentnews.com

Mineral County Independent-News

Free radon test kits available at Mineral County Extension office

1-5-17  
recordcourier.com

Free radon test kits available at

2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**Free Radon Test Kits**

1-19-17  
NevadaAppeal.com

150 NEVADA APPEAL

Free radon kits available at UNCE extension offices

1-19-17  
NevadaAppeal.com

150 NEVADA APPEAL

Free radon kits available at UNCE extension offices

**Free Radon Test Kits**

1-19-17  
NevadaAppeal.com

150 NEVADA APPEAL

Free radon kits available at UNCE extension offices

1-19-17  
NevadaAppeal.com

150 NEVADA APPEAL

Free radon kits available at UNCE extension offices

**Renown Health**

Lung Cancer Screening & Prevention

1-19-17  
renown.org

Renown Health

Lung Cancer Screening & Prevention

1-23-17  
tahoedailytribune.com

Tahoe Daily Tribune

Learn how to reduce radon health risk

2-15-17  
recordcourier.com

The Record-Courier

Free radon test kits available

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Mineral County Independent-News

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recordcourier.com

Free radon test kits available at

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tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**The Record-Courier**

Free radon test kits available

2-17-17  
mcindependentnews.com

Mineral County Independent-News

Free radon test kits available at Mineral County Extension office

1-5-17  
recordcourier.com

Free radon test kits available at

2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**2 NEWS**

1-3-17  
KTNV.com

Free Test to Check Your Risk of Radon

2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**The Record-Courier**

Douglas still hot spot for radon

1-5-17  
recordcourier.com

Free radon test kits available at

2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

**The Record-Courier**

Free radon test kits available

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mcindependentnews.com

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KTNV.com

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2-17-17  
tahoedailytribune.com

Tahoe Daily Tribune

TRPA radon event rescheduled

## NRAM

Continued from Page 12

### Washoe County Library System

The Washoe County Library System continues to faithfully promote the Nevada Radon Education Program's free test kits and radon programs through displays, calendar listings, signage and social media. This year, NREP presented at **Northwest Reno, Spanish Springs, South Valleys, Sierra View and Sparks libraries** and at least 103 area residents attended the programs.



### Clark County libraries

**Las Vegas-Clark County Library District** continues to support NREP by advertising the library radon programs and free test kits in the libraries where the programs were hosted and through the respective library websites. Libraries offering radon programs were **Enterprise, Clark County, West Charleston and Centennial Hills**. About 48 attended these programs.



**Boulder City Library and Green Valley Library (Henderson Libraries)** were two



new locations that offered their facilities for radon presentations this year.

They also advertised the programs on their calendars. Both locations had crowds of 36 and 58 respectively.



### Storey County Public Library

This is the third year that the **Storey County Library** has offered its support as a test kit distribution site during the free kit period. This location gave out 21 test kits and nine were used.

### Incline Village General Improvement District

Incline Village General Improvement District (IVGID) has assisted NREP since December 2008 by advertising radon programs and free test kits in their December utility bill mailing. Incline Village Recreation Center has also served as a year-round test kit distribution point since December 2011, distributing more than 860 radon test kits to date. This NRAM, 84 kits were distributed.



IVGID has provided a NRAM proclamation for the past three years. A radon presentation was also offered Feb. 2 at the Incline Village Public Works building, with 14 residents attending.

### Tahoe Regional Planning Agency (TRPA)

TRPA continues to be an asset in the distribution of test kits to Douglas County

residents in the Stateline and Zephyr Cove areas year-round. Since January 2010, over 189 test kits have been given out from that location. During the January through March quarter, 28 kits were distributed and 11 used. TRPA was also host to a radon presentation on Mar. 2, where 17 California and Nevada residents attended.



### Certified radon professionals

Nevada American Association of Radon Scientists and Technologists-National Radon Proficiency Program (AARST-NRPP) certified mitigators, **Derrick Carpenter** of Aired Out Radon Removal and **Norm Denny** of Pinnacle Construction, both of Minden, and AARST-NRPP certified residential measurement professionals, **Nate Seward**, Premier Environmental Consulting, of Incline Village, and **Bob Knauff**, Beacon Inspection Services, in Las Vegas assisted NREP in presenting portions of several programs during NRAM. Radon mitigators also helped distribute 42 radon test kits this quarter. The professionals' expertise is priceless, and their hands-on experience is respected by radon program attendees.

### Newsletters

The Nevada Radon Education Program pursues collaborations with entities by requesting that their newsletters include information on NREP and/or National Radon Action Month activities and the message of radon. (See Radon in Newsletters on Page 11.) The following groups included radon information in their newsletters this NRAM. Subscription or address numbers are included in parentheses.

- IVGID utility bill newsletter, December 2016 (4200)
- Pershing County Safety Newsletter, January 2017 (200)
- NACO e-newsletter 1/20/17 (450)
- NACO e-newsletter 1/27/17 (450)
- Elko County 4-H February and January newsletters (219 each)
- Carson Tahoe Health e-news (22,000)
- Carson Tahoe Health employee news (2,000)
- Washoe, Douglas and Carson City counties 4-H newsletters (753)
- Washoe County Chronic Disease Coalition e-newsletter 12/30/16 and 1/31/17 (160 ea)
- Hidden Valley HOA newsletter, February 2017 (400)
- Sunrise Rotary Wheel newsletter, Feb. 16, 2017 (60)
- Sun City Anthem e-news, February 2017 (3,000+)
- Grass Valley Baptist Church bulletins 2/12/17 and 2/19/17 (200 each)
- Nevada Cancer Coalition 2/8/17 e-news (335)

- Nevada Cancer Coalition 2/24/17 e-news (335)
- WC Chronic Disease Coalition e-newsletter 3/11/17 (160)

### Radon presentations

During this NRAM season, the NREP team gave more than 30 presentations, reaching at least 568 people in six counties, including Clark, Carson City, Douglas, Lyon, Storey, and Washoe. Free short-term radon test kits were offered at every presentation. At least 885 kits were given at presentations, and by the end of the quarter, at least 237 kits were used. (See presentations article on Page 6.)

### Test kit distribution

During the National Radon Action Month period, from Jan. 1 to Feb. 28, about 4,848 short-term test kits and 62 long-term kits were given out to Nevadans. At quarter's end, 2,284 were used, resulting in 47 percent usage.

The test kits were free for every county in Nevada during NRAM. The Nevada Radon Education Program partnered with Incline Village Recreation Center, Tahoe Regional Planning Agency, Storey County Public Library, Fernley City Hall, Dayton Fire Station, Sun Valley GID, Cooperative Extension offices and local mitigators to coordinate or distribute kits. When it is not NRAM season, test kits are available to be purchased in most counties for \$9.00 each. (See test kit distribution data on Page 8.)

### Special Events

A number of special events took place over the quarter. Free kits were provided to Nevadans at these events, as well as radon promotional items and information.

- **Renown Health** Tabling Event. Jan. 27, in Reno. (See article on Page 17.)
- **Jet Health Fair**, Feb. 21-21, in Sparks. (See article on Page 17.)
- **Radon Awareness Day at the Legislature**, Mar. 6, in Carson City. (See article on Page 1.)

### Proclamations

Proclamations were requested and received from the following 27 government entities: (See Proclamations article on Page 4.)

1. Gov. Brian Sandoval for the State of Nevada
  2. Nevada Association of Counties
  3. Boulder City, Mayor Rodney Woodbury
  4. City of Fernley, Mayor Roy Edington
  5. City of Henderson, Mayor Andy Hafen
  6. City of Las Vegas, Mayor Carolyn Goodman
  7. City of North Las Vegas, Mayor John Lee
  8. City of Reno, Mayor Hillary Schieve
  9. Carson City Board of Supervisors
  10. Churchill County Board of Commissioners
  11. Clark County Board of Commissioners
- » continued, See NRAM, Page 15

# 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, test kits used, homes mitigated and homes tested during real estate transactions than for other quarters during the year.

### Distribution Numbers

The number of long- and short-term radon test kits distributed this quarter was 4,918 compared to 4,114 during last year's January through March quarter. This is an increase of 804 over the same period last year. Compared to last quarter, where 385 kits were distributed, this quarter saw a 4,533 increase.

The total number of kits distributed over

the years now totals 52,457, which is 5,727 more than a year ago. Of the kits distributed, 28,124 were used, a 53.6 percent overall usage rate.

### Number of Homes Tested

The total number of homes self-tested and reported from professionals since 1989 is 25,864, an increase of 2,687 homes since last year, and an increase of 1,743 over last quarter. According to 2015 Census Bureau data, there are 1,209,756 Nevada households, and 25,864 or 2.14 percent were tested for radon.

### Number of RRNC Homes

The total number of reported homes built with Radon-Resistant New Construction

(RRNC) techniques increased by 32 over the year.

### Number of Homes Mitigated

The number of reported homes mitigated now totals 1,070 which amounts to 21.1 percent of the houses that we know need mitigated from long- and short-term radon test results. The total number of homes mitigated increased this year by 172, and increased by 54 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 1,890, an increase of 377 over last year, and an increase of 91 over last quarter.

**Nevada Radon Education Program's Impact Data as of 3-31-17**

County	% Radon Potential of Usable ST Test Results*					% kits distributed/used**				% Homes tested*			% Mitigations			# Real Estate	# RRNC
	# Valid ST tests*	# Homes < 4 pCi/l	# Homes ≥ 4 pCi/l	% Radon Potential	Average ST radon level pCi/l	Maximum ST radon level pCi/l	# long & short term test kits distributed	# test kits used	% of test kits used	# Housing units	# Homes tested	% Homes tested	# Homes that need mitigated	# Homes mitigated	% Homes mitigated	# Homes tested in a real estate transaction	# Homes built RRNC
Carson City	1,714	1,045	669	39.0%	4.41	100.5	4,028	2,392	59.4%	23,445	1,958	8.4%	646	92	14.2%	145	19
Churchill	469	398	71	15.1%	2.70	16.4	1,130	601	53.2%	10,687	536	5.0%	68	10	14.7%	14	4
Clark	3,192	2,865	327	10.2%	1.97	66.0	9,219	4,035	43.8%	871,807	4,310	0.5%	320	59	18.4%	132	216
Douglas	3,934	2,431	1,503	38.2%	4.86	117.9	9,255	5,917	63.9%	23,890	4,515	18.9%	1,440	306	21.3%	405	87
Elko	396	248	148	37.4%	4.67	57.3	902	431	47.8%	20,778	473	2.3%	144	18	12.5%	15	1
Esmeralda	3	3	0	0%	1.40	1.9	19	3	15.8%	824	7	0.8%	0	0			
Eureka	26	18	8	30.8%	4.93	35.1	145	30	20.7%	1,036	34	3.3%	8	0	0%	1	
Humboldt	243	167	76	31.3%	4.38	58.3	634	343	54.1%	7,258	298	4.1%	75	7	9.3%	4	2
Lander	137	113	24	17.5%	2.98	24.9	311	199	64.0%	2,619	187	7.1%	24	2	8.3%	10	1
Lincoln	78	54	24	30.8%	5.72	121.0	202	114	56.4%	2,731	104	3.8%	23	0	0%	1	
Lyon	1,078	783	295	27.4%	3.45	135	2,343	1,299	55.4%	22,448	1,267	5.6%	273	42	15.4%	41	14
Mineral	98	59	39	39.8%	4.68	31.1	288	130	45.1%	2,783	111	4.0%	39	4	10.3%	6	
Nye	171	157	14	8.2%	1.79	9.2	494	232	47.0%	21,662	222	1.0%	13	1	7.7%	8	1
Pershing	174	76	98	56.3%	6.83	42.7	578	286	49.5%	2,405	211	8.8%	97	11	11.3%	3	1
Storey	40	29	11	27.5%	2.88	9.3	161	61	37.9%	1,984	58	2.9%	11	0	0%		1
Washoe	9,343	7,386	1,957	20.9%	3.26	195.0	22,136	11,783	53.2%	188,977	11,314	6.0%	1,836	515	28.1%	1096	100
White Pine	207	145	62	30.0%	3.85	32.8	545	255	46.8%	4,422	244	5.5%	60	3	5.0%	7	1
Unknown	4	3	1	25%	2.78	5.3	67	13	19.4%		15		1		0%	2	
<b>Total</b>	<b>21,307</b>	<b>15,980</b>	<b>5,327</b>	<b>25.0%</b>	<b>3.53</b>	<b>195.0</b>	<b>52,457</b>	<b>28,124</b>	<b>53.8%</b>	<b>1,209,756</b>	<b>25,864</b>	<b>2.14%</b>	<b>5,078</b>	<b>1,070</b>	<b>21.1%</b>	<b>1,890</b>	<b>448</b>

\*# Valid Tests and # Homes Tested: Data from the Nevada Radon Program's database of test results was combined with information provided from certified Radon Measurement and Mitigation Providers, as well as AccuStar Lab, Alpha Energy Laboratories, Pro Lab, Air Chek Inc., Nevada Division of Public and Behavioral Health-Radiation Control Program and the Washoe County District Health Department. The Housing units data is from 2015 Census data.

\*\*# 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 Control Program, and the Washoe County District Health Department.

## NRAM

Continued from Page 14

12. Douglas County Board of Commissioners
13. Elko County Board of Commissioners
14. Esmeralda County Board of Commissioners
15. Eureka County Board of Commissioners
16. Humboldt County Board of Commissioners
17. Lander County Board of Commissioners
18. Lyon County Board of Commissioners
19. Mineral County Board of Commissioners
20. Nye County Board of Commissioners
21. Pershing County Board of Commissioners
22. Storey County Board of Commissioners
23. Washoe County Board of Commissioners
24. White Pine County Board of Commissioners

25. Washoe County Health District
26. Incline Village General Improvement District
27. Sun Valley General Improvement District

### Church Collaborations

Nadia Noel contacted numerous Nevada churches asking them if they would be interested in receiving test kits for their congregation, and/or sharing information about radon in bulletins, newsletters or social media during the free kit period. Two churches responded.

Grass Valley Baptist Church (GVBC) in Winnemucca collaborated with NREP to distribute short-term radon test kits to its members. Information about radon was

included in the church bulletin and attendees were able to sign-up for a free kit. Twenty GVBC members requested a test kit and kits were shipped to the church and handed out by the secretary.

"It was a pleasure working with GVBC," said Noel. "They were very helpful in providing the necessary data for us to give them free test kits, as well as offering radon educational data in their bulletin."

A staff member at Unity of Las Vegas requested 50 radon test kit brochures to distribute to church members.

The success of these two collaborations has encouraged Noel to contact and work with more churches next NRAM.

# Radon on social media...

1-11-17  
Facebook post  
reached 347 people

January-March 2017  
Nevada Radon Education Facebook page posts

**Lung Cancer** awareness graphic. **Test for Radon** graphic. Photo of three people. Text: "The Nevada Radon Education Program would like to thank Senator Julia Miller (D) for her support...".

Tweet on 1-3-17  
1049 impressions  
16 engagements

Live in a rural area? Want to reduce your home #radon level but aren't sure you can afford it? Go to this @USDA link [bit.ly/USDArepairloans](http://bit.ly/USDArepairloans)

**USDA Rural Development provides home repair loans and grants in rural areas for the following purposes:**

- Assist in deepening well / filling new well, storage construction, etc.
- Make general repairs and improvements to homes.
- Install new heating, cooling units, roof repair.
- Install new water heaters for current failures or prevent future failures (Replace health and safety tank).
- Disinfect water (optional).
- Repair of the roof has to provide accessibility for household members with disabilities.

**Terms:**

- 5% down payment loan amount.
- Applicant must be 62 years old or older for guarantee.
- Not to be used for debt (under \$7,500).
- Interest rate can be low as 2% annually.
- Loan terms based on borrower's repayment ability, not to exceed 22 year term.

**Eligibility Requirements:**

- Must be owner-occupied home and land.
- Must be located in eligible rural area.
- Must be a U.S. citizen or eligible non-citizen.
- Adjusted income cannot exceed the low-income limit - see table.
- Must have an acceptable credit history for loan approval.

For more information please contact:  
USDA Rural Development, 355 W. Silver Street, Reno, NV 89501, Michele.Abe (702) 495-1800 Ext. 112, Email: michele.l@nre.usda.gov  
USDA Rural Development, 355 W. Silver Street, Reno, NV 89501, Maria Morales (775) 736-1541, Email: maria.morales@nre.usda.gov

Nevada Radon Education  
Published by Nevada News 91, January 11, 2017

EPA's recommended level of action for radon gas is 4 picocuries per liter (pCi/L) or higher. Did you know that 25% of homes tested in Nevada are at or above that level? Test your home! [www.RadonNV.com](http://www.RadonNV.com)

**Nevada Statewide Radon Potential by Zip Code**

Tweet on 2-27-17  
899 impressions  
11 engagements

The last #radon presentation will be at @TRPA, Mar. 2, at 6 pm. There will be free radon test kits at the event.

**TAHOE REGIONAL PLANNING AGENCY**

10:25 AM - 27 Feb 2017

2 Retweets 1 Like

# NREP uses social media to assist outreach efforts

The Nevada Radon Education Program (NREP) has been using Facebook as an outreach tool to share the radon message with new audiences for several years, but joined Twitter in October 2016. Both methods of outreach had a steady gain of engagement during the National Radon Action Month period.

NREP saw an increase in the number of people reached through Facebook compared to second quarter (October-December 2016) numbers. There were 7,405 people reached by posts made between October and December, but almost 2,000 more people (9,230) were reached between January and March. The greatest numbers reached through a Facebook post was one advertising the Clark County radon programs made on Feb. 1. More than 1,300 people saw that post.

Since its inception, NREP's Twitter account has seen the number of impressions and followers of the account increase steadily. @NVRadonProgram has gone from attaining 10,114 impressions in the second quarter to 14,891 in the third. There were 117 engagements with tweets last quarter versus 228 this one.

The most popular tweet for NREP in the

third quarter was "Take some advice from #RollSafe and test for #radon to find out the level in your home and take measures to reduce it if necessary," made on Mar. 2. There were 18 engagements to this tweet, and the next highest engagement number for NREP's tweets was 16 on Jan. 3. Engagements are the total number of times users interact with a tweet; this includes clicks anywhere on interactive portions of the tweet.

NREP used post boosting during this quarter to increase the number of people that saw the posts about upcoming radon presentations. Boosting a post on Facebook is targeted marketing promotion used to show specific audiences the social media message individuals, organizations and other entities create. Several of the posts with the greatest reach were ones that were boosted. One example was the post about the Clark County radon presentations held at the beginning of February. Boosting allowed 1,380 people to see the post when only 541 people would have seen it naturally.

The program has yet to use paid advertising with Twitter but plans to experiment with

promoting tweets in the future.

NV Radon Education  
@NVRadonProgram

Take some advice from #RollSafe and test for #radon to find out the level in your home and take measures to reduce it if necessary.

**You can't know your home's radon level if you don't test for it.**

10:58 AM - 2 MAR 2017

1 Retweet 1 Like

Mar. 2nd tweet #RollSafe had 18 engagements.

## Radon Education Program Numbers

UNCE Radon Program Numbers	prior to Sep 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY14	FY15	FY16	Jul - Sep 16	Oct - Dec 16	Jan - Mar 17	Totals
Radon phone and email inquiries		2,136	2,688	1,911	2,209	1,946	3,148	1,893	1,349	1,814	121	227	1,422	20,864
Direct contacts promoting radon testing and mitigation		3,259	14,000	10,428	7,862	7,768	8,416	9,205	9,107	8,633	216	1,150	2,272	82,316
Newspaper/magazine articles	1	99	61	85	68	122	105	44	50	45	4	5	18	707
Radon publications/information distributed		2,798	67,071	59,378	58,545	99,057	100,905	126,754	122,637	129,029	10,397	14,868	74,342	865,781
Radon exhibits		51	106	186	148	183	77	59	53	29	3	5	13	913
TV reports		17	9	57	37	6	4	6	21	23	1		6	187
TV PSAs						592	310	508	563	879			326	3,178
Radio PSAs		6	6	26	6	195	3,755	5,926	6,435	4,848			2,954	24,157
Website pages of NV Radon information			45	113	253	113	100	90	18,336	113	14	10	28	19,215
Social media reach (Facebook)								3,561	2,864	9,912	225	7,405	9,230	33,197
Twitter Impressions (begun 10-17-17)												10,114	14,891	25,005
Twitter Engagements (begun 10-17-17)												117	228	345
Eventbrite page views								355	481	238	42	100	297	1,513
Website page hits			29,466	59,288	75,920	85,617	152,793	198,030	227,969	343,970	50,016	48,233	95,358	1,366,660
Test kits distributed	971	2,469	8,208	5,321	4,829	3,993	4,929	5,219	5,346	5,712	157	385	4,918	52,457
Homes newly tested-Short-Term	1,574	1,316	4,062	2,590	2,339	2,025	2,043	2,436	2,350	2,358	296	263	1,913	25,565
Homes newly tested-Long Term	41	26	56	30	30	26	29	26	15	16	1		3	299
School buildings tested	6	1	16	10		15	1	1	10	0	1		2	63
School buildings mitigated	1	1	2	7			4	1		0				16
Homes mitigated	4	20	75	92	128	127	110	111	127	137	46	39	54	1,070
Homes with repaired mitigation system or fan replacements			1	1		2		1		1				6
Large buildings tested		27		31		152	16	5	12	23		30	1	297
Large buildings mitigated			2			1				12				15
Homes tested in Real Estate transaction	1	27	68	84	168	259	102	366	241	243	171	69	91	1,890
Homes built with RRNC features		7	36	30	18	22	26	23	228	31	4	4	19	448
Certified Mitigators		3	2	-1			-2	1		1			1	5
Builders using RRNC					5	3	1	1	2	0				12
Realtors promoting Radon testing						26	7	3	52	23		10	9	130

## Free test kits offered at Renown Health and Jet Health Fair

During the National Radon Action Month period, the Nevada Radon Education Program (NREP) was invited to table at Renown Health Hospital in Reno in January, and at a health fair in Sparks that offers significant discounts based on the quantity of items ordered). Both events offered a chance for working employees to procure free radon test kits at their work place.

The radon booth at Renown Health was open from 7 a.m. to 10 a.m., on Jan. 27, in front of Starbucks, and 294 radon test kits were distributed. At times, there were lines down the hall, creating a slight traffic blockage during the morning hours. The event was advertised with signage at various points within Renown, internally through an email message, and in the Reno Gazette-Journal newspaper in an ad sponsored by Renown's marketing department. By Mar. 31, 75 of the test kits were used.

On Feb. 21 and 22, NREP interacted with 52 people over the course of two days at the

Jet warehouse. Many of the individuals who visited the health fair during their lunch hour and break were excited to receive a test kit and learn about the gas that could be in their homes. At least 32 radon test kits were distributed at the event.



Renown Health advertised the free kit day in lobby areas.



Surrounded by Renown Health employees, Noel explained how to do the test. NREP offered free kits from 7 to 10 a.m., in front of Starbucks. About 294 test kits were distributed within the three-hour period.

NREP was listed on the Jet health fair flyer.



NREP tabled at the Jet Health Fair on two separate occasions to reach employee on several shifts.

## Presentations

Continued from Page 7



Howe talked addressed at least 29 South Reno residents who attended the Feb. 8 South Valleys Library program.

### South Valleys Library, Reno - Feb. 8

Howe and Denny presented at South Valleys Library to 29 attendees. Thirty test kits were given away, and 14 were used.

### Boulder City Sunrise Rotary Club - Feb. 9

Noel presented to 45 people at the sunrise meeting. Thirty-three test kits were given out, and nine were used.



Denny discusses radon mitigation standards to 25 Sierra View Library attendees on Feb. 12.

### Sierra View Library, Reno - Feb. 12

Howe, Denny, and Noel presented at Sierra View Library to 25 attendees. Twenty-five test kits were given away, and 11 were used.



Norm Denny explained radon mitigation standards to 29 South Valley Library attendees on Feb. 8.

### Sparks Library - Feb. 16

Howe and Noel offered a radon presentation to seven participants. Twelve test kits were given out, and two were used.

### CalNeva Webinar - Feb. 28

Noel and Howe offered a teleconferenced webinar to about 21 Realtors in the CalNeva Realty Reno and Minden offices. (See article below.)

### Yerington Intermediate School - Feb. 28

Howe and Noel presented to 22 attendees at the middle school. Twenty-four test kits



Noel and Howe presented the radon message to 22 attendees at Yerington Intermediate School on Feb. 28 prior to the Radon Poster Contest Awards Ceremony for the 3rd place contest winner.



Noel presented to 45 Boulder City Rotary Club members at a sunrise breakfast meeting Feb. 9.

were given away, and eight were used. The third place Nevada Radon Poster Contest winner's ceremony was held following the presentation. (See article on Page 1.)

### Tahoe Regional Planning Agency - Mar. 2

Howe and Noel offered a radon presentation to 17 California and Nevada attendees. Californians were given California program donated kits and NREP gave out 13 test kits to Nevada residents.



Noel and Howe taught 17 California and Nevada residents who attended the presentation at TRPA on Mar. 2.

### Washoe County Chronic Disease Coalition - Mar. 9

Howe and Noel educated nine attendees at the Washoe County Chronic Disease meeting on Mar. 9. Ten test kits were given out. (See article on Page 2.)

## RSAR

Continued from Page 1

resources and information to assist them in educating clients about radon.

Nate Seward, a Nevada certified radon tester with Premier Environmental Consulting, spoke on the importance of using a certified radon tester for real estate transactions and the process involved in determining the radon level in a home.

Norm Denny, a Nevada licensed contractor and certified radon mitigator, with Pinnacle Construction, described the radon mitigation process and what to look for in a radon-reduction system built to standard.

The participants were very engaged in the course, especially during the testing and mitigation portion. Several Realtors had questions and stayed after the class to speak with the radon professionals. Nineteen RSAR members took a radon test kit to test their homes, and four of them asked for radon test kit coupon brochures to pass on to their clients. The 20 Northern Nevada Realtors who attended earned three

continuing education credits.

According to Geyer, course feedback was quite positive.

"I had a gentleman call in the afternoon complementing your program," said Geyer. "He said it should be mandatory for all agents!"

RSAR is a professional association located in Reno, whose mission is to proactively enhance its members' opportunities for successful, ethical real estate professionals by delivering advocacy, education, programs, products and services.

## Radon webinar offered to CalNeva Realty agents

A direct result of the Reno/Sparks Association of Realtors' continuing education course taught by the Nevada Radon Education Program (NREP), CalNeva Realty requested a radon webinar for their agents in the Reno and Minden offices. A CalNeva agent had

attended the RSAR class and passed along an informational email to office administrators, suggesting that they offer it to the other agents in their office.

On Feb. 28, NREP taught the teleconference webinar during CalNeva Realty's monthly meeting. Nadia Noel and Susan Howe provided the 45-minute presentation that covered the health risk of radon, radon potentials in Northern Nevada, where to find more information, and provided Realtors with information about radon to offer clients in real estate transactions. They also covered what is involved in radon testing for real estate and what to expect in radon mitigation. About 21 Realtors participated in the teleconference.

Webinar attendees had thoughtful questions and were very receptive of the information offered.

"Thank you both very much for taking the time to deliver the radon presentation to our agents," said Mitch Argon of CalNeva Realty. "The presentation was excellent and we'll put the information to good use for the benefit of our clients."

# Radon flyers used during NRAM...

Northeast Clark County used this flyer to promote the free test kit period.

FREE RADON TEST KITS ARE AVAILABLE  
AT UNIVERSITY OF NEVADA COOPERATIVE EXTENSION  
360 LINCOLN STREET, CALIENTE, NV  
CALL 775-726-3109 FOR MORE INFORMATION

It is that time of year for RADON testing. Free Radon kits are available and can be picked up from 8:00 AM to 12 Noon, Monday through Friday at the University of Nevada Cooperative Extension in Caliente, kitty corner from the Caliente Elementary School. Radon Kits are free until February 28<sup>th</sup>. Get your home tested today to ensure your home is radon free.

University of Nevada Cooperative Extension

Lincoln County used this flyer to promote the free test kit period.

Flyer used by NREP to promote the free test kits at tabling events.



## Nevada Radon Short-Term Test Results\*

From 1989 to Mar. 31, 2017

Nevada counties	Carson City		Churchill		Clark		Douglas		Elko		Esmeralda	
Total number of usable tests per county	1,714		469		3,192		3,934		396		3	
EPA Action Level	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0
No. of short-term radon test results	1,046	668	398	71	2,865	327	2,431	1,503	248	148	3	0
% of homes tested that have elevated radon levels	38.97%		15.14%		10.24%		38.21%		37.37%		sample size too small	

Nevada counties	Eureka		Humboldt		Lander		Lincoln		Lyon		Mineral	
Total number of usable tests per county	26		243		137		78		1,078		98	
EPA Action Level	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0
No. of short-term radon test results	18	8	167	76	113	24	54	24	783	295	59	39
% of homes tested that have elevated radon levels	30.77%		31.28%		17.52%		30.77%		27.37%		39.80%	

Nevada counties	Nye		Pershing		Storey		Washoe		White Pine		TOTALS	
Total number of usable tests per county	171		174		40		9,343		207		21,307	
EPA Action Level	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0
No. of short-term radon test results	157	14	76	98	29	11	7,386	1,957	145	62	15,981	5,326
% of homes tested that have elevated radon levels	8.19%		56.32%		27.50%		20.95%		29.95%		25.00%	

\*State data provided by the Nevada State Health Division, Nevada certified radon testers and the following labs: AccuStar Labs, Alpha Energy Laboratories, Air Chek, Inc. and Pro Lab. Results based on independently tested homes, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest level of the home tested. (Schools & large buildings not included.)

## Nevada Radon Long-Term Test Results\*\*

From January 2001 to Mar. 31, 2017

Nevada counties	Carson City	Churchill	Clark	Douglas	Elko	Humboldt	Lander	Lincoln	Lyon	Pershing	Washoe	White Pine	TOTALS													
Total number of usable tests per county	70	6	45	135	10	4	1	3	40	4	288	8	614													
EPA Action Level	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0	<4.0	≥4.0												
No. of long-term radon test results	32	38	6	0	36	9	98	37	6	4	3	1	0	1	2	1	32	8	3	1	216	72	6	2	440	174
% of homes tested that have high radon levels	54.3%	0%	20.0%	27.4%	40%	25.0%	100%	33%	20.0%	25.0%	25.0%	25.0%	25.0%	28.34%												

\*\*State data provided by RSSI, Alpha Energy Laboratories and AccuStar Labs. Results based on independently tested homes, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest level of the home tested. (Schools & large buildings not included.)

## Radon Zone Summaries

Nevada Radon Zone Short-Term Test Result Summary				
Zones	Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1	Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	7,446	2,721	36.54%
Zone 2	Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	10,665	2,277	21.35%
Zone 3	Clark	3,192	327	10.24%
<b>Statewide statistics</b>		<b>21,307</b>	<b>5,326</b>	<b>25.00%</b>

Nevada Radon Zone Long-Term Test Result Summary				
Zones	Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1	Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	261	88	33.72%
Zone 2	Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	308	77	25.00%
Zone 3	Clark	45	9	20.00%
<b>Statewide statistics</b>		<b>614</b>	<b>174</b>	<b>28.34%</b>

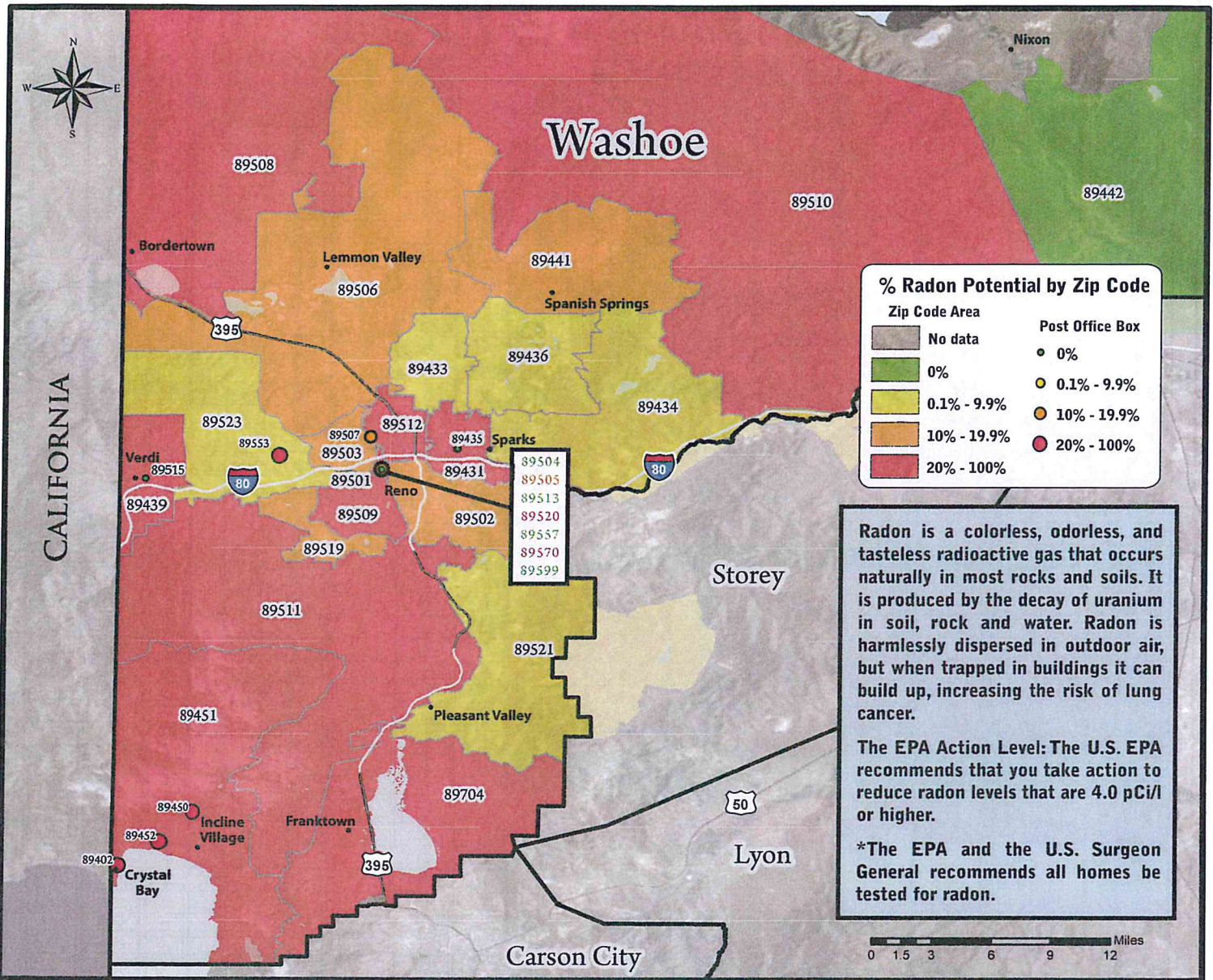


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This publication was supported by the Nevada Division of Public and Behavioral Health through Grant Number K1-96963517-0 from the U.S. Environmental Protection Agency. Its contents are solely the responsibility of the authors and do not represent the official views of the Nevada Division of Public and Behavioral Health nor the U.S. Environmental Protection Agency.

# Washoe County (Reno Area) Radon Potential by Zip Code



**% Radon Potential by Zip Code**

Zip Code Area	Post Office Box
No data	0%
0%	0.1% - 9.9%
0.1% - 9.9%	10% - 19.9%
10% - 19.9%	20% - 100%
20% - 100%	

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	included in neighboring county	Total Number of Tests	Range of radon levels in pCi/l							Radon Levels by pCi/l			
		Valid	less than 4 pCi/l	4 pCi/l and greater	% Radon Potential	2.0 < 4	4 < 10	10 < 20	20 < 50	50 < 100	≥ 100	Average	Highest
89402 P.O. Box Crystal Bay		31	19	12	38.7%	19	10	2	0	0	0	4.12	12.3
89405 EMPIRE		2	2	0	0%	2	0	0	0	0	0	1.30	1.3
89412 GERLACH		2	1	1	50%	1	1	0	0	0	0	3.75	5.7
89431 SPARKS		275	219	56	20.4%	219	46	9	1	0	0	2.93	25.4
89432 P.O. Box Sparks		5	4	1	20%	4	1	0	0	0	0	2.81	5.0
89433 SUN VALLEY		192	180	12	6.3%	180	12	0	0	0	0	1.70	6.6
89434 SPARKS	Storey	287	281	6	2.1%	281	6	0	0	0	0	1.48	8.2
89435 P.O. Box Sparks		2	2	0	0%	2	0	0	0	0	0	1.15	1.6
89436 SPARKS		580	540	40	6.9%	540	31	6	2	0	1	2.34	56.3
89439 VERDI		93	47	46	49.8%	47	25	10	4	5	2	11.86	144.4
89441 SPARKS		219	184	35	16.0%	184	31	3	0	1	0	2.90	73.8
89442 WADSWORTH		3	3	0	0%	3	0	0	0	0	0	2.03	3.3
89450 P.O. Box Incline Village		84	59	25	29.8%	59	21	3	1	0	0	3.70	29.7
89451 INCLINE VILLAGE		685	436	249	37.3%	436	220	35	3	1	0	4.05	63.0
89452 P.O. Box Incline Village		10	7	3	30.0%	7	3	0	0	0	0	3.09	9.0
89501 RENO		25	13	12	48.0%	13	7	3	2	0	0	7.21	30.7
89502 RENO		333	331	62	18.5%	331	50	10	1	1	0	2.66	64.3
89503 RENO		370	309	61	16.5%	309	54	5	2	0	0	2.62	42.0
89504 P.O. Box Reno		2	2	0	0%	2	0	0	0	0	0	1.95	2.0

Washoe	included in neighboring county	Total Number of Tests	Range of radon levels in pCi/l							Radon Levels by pCi/l			
		Valid	less than 4 pCi/l	4 pCi/l and greater	% Radon Potential	2.0 < 4	4 < 10	10 < 20	20 < 50	50 < 100	≥ 100	Average	Highest
89505 P.O. Box Reno		7	6	1	14.3%*	6	0	1	0	0	0	3.84	16.1
89506 RENO		358	320	38	10.6%	320	36	2	0	0	0	2.19	12.9
89507 P.O. Box Reno		23	19	4	17.4%	19	4	0	0	0	0	1.78	5.2
89508 RENO		145	115	30	20.7%	115	25	2	3	0	0	3.28	41.2
89509 RENO		1056	675	381	36.1%	675	234	102	34	8	3	5.83	195.0
89510 RENO		54	34	20	37.0%	34	14	5	1	0	0	4.56	20.1
89511 RENO		1014	707	307	30.3%	707	261	40	5	0	1	3.67	155.6
89512 RENO		179	139	40	22.3%	139	29	8	3	0	0	3.36	34.1
89513 P.O. Box Reno		1	1	0	0%	1	0	0	0	0	0	0.50	0.5
89515 P.O. Box Reno		2	2	0	0%	2	0	0	0	0	0	1.15	1.7
89519 RENO		317	278	39	12.3%	278	36	2	1	0	0	2.21	26.7
89520 P.O. Box Reno		3	2	1	33.3%*	2	1	0	0	0	0	3.13	5.3
89521 RENO	Storey	442	407	35	7.9%	407	31	4	0	0	0	1.97	20.5
89523 RENO		518	469	49	9.5%	469	40	4	5	0	0	2.17	34.0
89533 P.O. Box Reno		4	1	3	50%	1	1	1	0	0	0	5.40	10.1
89557 P.O. Box Reno		1	1	0	0%	1	0	0	0	0	0	0.60	0.6
89570 P.O. Box Reno		2	1	1	50%	1	0	1	0	0	0	5.88	11.1
89599 P.O. Box Reno		4	4	0	0%	4	0	0	0	0	0	2.43	3.3
89704 WASHOE VALLEY		153	81	72	47.1%	81	62	9	1	0	0	4.39	24.0
Totals		7553	5902	1651	21.8%	4300	886	185	51	8	4	3.40	
					% of Total Tests	57%	12%	2%	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, 89595

\*\*Note: Results are based on independently tested homes from 1989 to June 30, 2015, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest tested level of the home.

# Washoe County

## Radon Potential by Zip Code

Washoe		included in neighboring county	Total Number of Tests				Range of radon levels in pCi/l						Radon Levels by pCi					
			Valid	less than 4 pCi/l	4 pCi/l and greater	% Radon Potential	≥ 0 < 4	≥ 4 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50 < 100	≥ 100	Average	Highest				
89402	P.O. Box Crystal Bay		31	19	12	38.7%	19	10	2	0	0	0	4.12	12.3				
89405	EMPIRE		2	2	0	0%*	2	0	0	0	0	0	1.30	1.3				
89412	GERLACH		2	1	1	50%*	1	1	0	0	0	0	3.75	5.7				
89431	SPARKS		275	219	56	20.4%	219	46	9	1	0	0	2.93	25.4				
89432	P.O. Box Sparks		5	4	1	20%*	4	1	0	0	0	0	2.81	5.0				
89433	SUN VALLEY		192	180	12	6.3%	180	12	0	0	0	0	1.70	6.6				
89434	SPARKS	Storey	287	281	6	2.1%	281	6	0	0	0	0	1.48	8.2				
89435	P.O. Box Sparks		2	2	0	0%*	2	0	0	0	0	0	1.15	1.6				
89436	SPARKS		580	540	40	6.9%	540	31	6	2	0	1	2.34	55.3				
89439	VERDI		93	47	46	49.5%	47	25	10	4	5	2	11.86	144.4				
89441	SPARKS		219	184	35	16.0%	184	31	3	0	1	0	2.90	73.8				
89442	WADSWORTH		3	3	0	0%*	3	0	0	0	0	0	2.03	3.3				
89450	P.O. Box Incline Village		84	59	25	29.8%	59	21	3	1	0	0	3.70	29.7				
89451	INCLINE VILLAGE		695	436	259	37.3%	436	220	35	3	1	0	4.06	63.0				
89452	P.O. Box Incline Village		10	7	3	30.0%	7	3	0	0	0	0	3.09	9.0				
89501	RENO		25	13	12	48.0%	13	7	3	2	0	0	7.21	30.7				
89502	RENO		393	331	62	15.8%	331	50	10	1	1	0	2.66	64.3				
89503	RENO		370	309	61	16.5%	309	54	5	2	0	0	2.62	42.0				
89504	P.O. Box Reno		2	2	0	0%*	2	0	0	0	0	0	1.95	2.0				
89505	P.O. Box Reno		7	6	1	14.3%*	6	0	1	0	0	0	3.84	16.1				
89506	RENO		358	320	38	10.6%	320	36	2	0	0	0	2.19	12.9				
89507	P.O. Box Reno		23	19	4	17.4%	19	4	0	0	0	0	1.78	5.2				
89508	RENO		145	115	30	20.7%	115	25	2	3	0	0	3.28	41.2				
89509	RENO		1056	675	381	36.1%	675	234	102	34	8	3	5.83	195.0				
89510	RENO		54	34	20	37.0%	34	14	5	1	0	0	4.56	20.1				
89511	RENO		1014	707	307	30.3%	707	261	40	5	0	1	3.67	155.6				
89512	RENO		179	139	40	22.3%	139	29	8	3	0	0	3.36	34.1				
89513	P.O. Box Reno		1	1	0	0%*	1	0	0	0	0	0	0.50	0.5				
89515	P.O. Box Reno		2	2	0	0%*	2	0	0	0	0	0	1.15	1.7				
89519	RENO		317	278	39	12.3%	278	36	2	1	0	0	2.21	26.7				
89520	P.O. Box Reno		3	2	1	33.3%*	2	1	0	0	0	0	3.13	5.3				
89521	RENO	Storey	442	407	35	7.9%	407	31	4	0	0	0	1.97	20.5				
89523	RENO		518	469	49	9.5%	469	40	4	5	0	0	2.17	34.0				
89533	P.O. Box Reno		4	2	2	50%*	2	1	1	0	0	0	5.40	10.1				
89557	P.O. Box Reno		1	1	0	0%*	1	0	0	0	0	0	0.60	0.6				
89570	P.O. Box Reno		2	1	1	50%*	1	0	1	0	0	0	5.88	11.1				
89599	P.O. Box Reno		4	4	0	0%*	4	0	0	0	0	0	2.43	3.3				
89704	WASHOE VALLEY		153	81	72	47.1%	81	62	9	1	0	0	4.39	24.0				
Totals			7553	5902	1651	21.9%	5902	1292	267	69	16	7	3.40					
							% 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, 89595