



NEVADA RADON REPORT

Nevada Radon Education Program

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



University of Nevada
Cooperative Extension

Volume 6 - Number 1 - FY 2013 July through September 2012

Inside this Report Page

CABNR/NAES/UNCE Field Day	1
Bally Technologies Fair	1
Welcome Jamie Roice	1
4-H Camp	2
WCSD Health Fair	2
Southern Area Update	2
Program impacts	3
Test kit distribution data	4
Radon potential update	4
Radon in the News	5
State test results	6
Program numbers	6

NREP participates in Field Day event

The Nevada Radon Education Program (NREP) participated in the 2012 Valley Road Field Station Field Day event held Saturday, Sept. 8, at the Nevada Agricultural Experiment Station's Greenhouse Complex in Reno. The annual event was sponsored by the College of Agriculture, Biotechnology and Natural Resources, Nevada Agricultural Experiment Station and University of Nevada Cooperative Extension.

More than 500 attendees were at the event. NREP gave out 91 free radon test kits, as well as radon educational literature and maps.

There were 15 vendor and educational booths, as well as kids area activity booths. In addition, High Desert Farming Initiative gave tours of the area.



Jamie Roice and Susan Howe manned the Radon Education booth at the annual Valley Road Field Station Field Day held at the Nevada Agricultural Experiment Station's Greenhouse complex.

Bally Technologies holds health and wellness fair

The Nevada Radon Education Program (NREP) was invited by Bally Technologies to participate in their Health and Safety Fair on Sept. 14, from 11 a.m. to 4:30 p.m. at their Reno location.

More than 335 employees and family members attended the annual event which featured more than 30 vendor booths, children's games and free food and drink. Most of the attendees live in Reno and Sparks.

NREP gave out 104 free radon test kits, along with bags of literature and other educational items. Some employees had previously tested their homes in the past, but many were not aware that radon was a concern in this area or of the need to test for radon.



Jamie Roice, Radon Education Coordinator, gives a radon test kit to Michael Lamb at the Bally Technologies Health and Wellness Fair Sept. 14.



Archie, the Reno Aces' mascot, also attended the health fair. Jamie is pictured giving Archie a radon test kit.

Radon Program welcomes new radon coordinator

Jamie Roice became the newest member of the Nevada Radon Education Program on Aug. 17. Jamie is the program's new Radon Education Coordinator.

Jamie graduated from the University of Nevada in the Fall of 2007 with a Bachelors of Science in Wildlife Ecology and Conservation, and earned a Master of Arts in Interactive Environmental Journalism in the Fall of 2011.

She has experience as a public relations assistant for Conrad Communications, a public information officer at the Nevada Dept. of Conservation & Natural Resources, and a biological science technician at the USDA-Agriculture Research Service.



Jamie Roice
Radon
Education
Coordinator

"I am excited about having Jamie's new perspective and fresh ideas to enhance our program," said Susan Howe, Program Director.

"Already, Jamie has launched our Facebook page, developed an interactive house graphic for the website, and has provided some new programming ideas."

Jamie will get a lot of new experience this January, as she travels across the state giving radon awareness programs for National Radon Action Month.

4-H campers learn about radon risks

The Nevada Radon Education Program (NREP) traveled to the Nevada State 4-H Camp on July 12 to present a radon awareness program to 135 campers between the ages of 9 and 12 years of age. Also in attendance were 21 teen workers and 26 camp staff workers



4-H campers drew posters and played Radon Bingo after learning about radon at 4-H Camp in July.

Megan Long, Radon Education Coordinator, and Susan Howe, Program Director, presented three sessions of radon information in slide shows. Following the presentation, campers played Radon Bingo, then participated in drawing posters for the Nevada Radon Poster Contest.



Megan Long, Radon Education Coordinator, educated three groups of 4-H campers about radon and its health risks on July 12 at 4-H Camp.

NREP participates in WCSD Health Fair

The Washoe County School District (WCSD) Wellness Department held its annual WCSD Wellness Health Fair on Sept. 15. The Nevada Radon Education Program (NREP) was invited to participate in the event which was held from 9 am to 1 p.m. at the gymnasium of Wooster High School in Reno. More than 1,000 people from Reno, Sparks, Sun Valley and Fernley areas attended the health fair for WCSD employees, retirees, and the families.

NREP distributed 103 free radon test kits, Environmental Protection Agency publications and information about testing homes for radon, fixing homes with radon problems, and building new homes with radon-resistant new construction.



WCSD Health Fair attendees collected radon information and received free radon test kits at the Sept. 15th event.

Southern Area Radon Update

This summer, the Southern Area Radon Program participated in reviewing radon education exam standards for the Healthy Homes Partnership. Radon education is an important component of the Healthy Homes Certification Examination for potential Healthy Homes Specialists in Nevada. Also, in researching new partnerships to deliver Radon educational presentation to the Southern Area communities, we discovered grassroot groups such as the Red Hat Ladies Society, cancer support groups, senior groups in different communities and condominium homeowners associations. I have scheduled presentations to these groups in the upcoming months.

The first Radon Awareness presentation this quarter was delivered to the Extension Youth Gardeners and their parents on Sept. 8. Youth who worked with vegetables and soil are very interested in chemicals, especially radioactive chemicals, found in soil. We also encouraged their participation in the Nevada Radon Poster Contest.

Another presentation was delivered to the Cancer Support Group in the Sun City Anthem community center on Sept.

10. The group, consisting of cancer survivors and families of cancer survivors, were interested in learning about the potential health hazards of Radon gas exposure in their homes.

This is the fourth year that the Radon Education Program has participated in the Sun City Anthem Health Fair held Sept. 22. The community of retirees has over 7,200 homes, and some of them have tested for radon with elevated radon levels. During the fair exhibit, some homeowners approached me with questions concerning radon mitigation and the need for re-testing.



Laura Au-Yeung participated in the Sun City Anthem Health Fair on Sept. 10.

Has the Radon Education Program made a difference?

The scope of the Nevada Radon Education Program (NREP) includes efforts to promote testing and mitigation, provide educational presentations, provide test kits to Nevadans, promote the Nevada Radon website, provide measurement and mitigation advice to homeowners, initiate public outreach and informational activities, promote the use of Radon Resistant New Construction (RRNC), and promote testing in real estate transactions.

As NREP heads into its fifth year as an outreach/educational subgrant program of the Nevada State Health Division, we have to ask, "Has our program made a difference?" Has our program made any impact in making the home a safer place to breathe air?

The ultimate goal of the program is to save lives by reducing Nevadans' exposure to elevated levels of radon in their homes, schools, and buildings. Each home that is mitigated and each home built with RRNC reduces the radon health risk, and testing for radon is the first step to determine whether a building poses a radon health risk.

To quantitatively determine how successful our program is, numerical measures are compiled to determine progress and impact in educating Nevadans about radon. Some of those measures our program compiles are provided in the chart below: number of test kits distributed, number of homes tested, number of homes mitigated, number of homes tested in a real estate transaction and the number of new homes built with radon-resistant new construction. These numbers represent the program's impact with radon mitigations at the forefront for reducing the health risk posed by radon gas.

Number of test kits distributed

The Nevada Radon Program, which includes the Washoe Health Department, Nevada State Health Division and University of Nevada Cooperative Extension, has distributed 26,263 long- and short-term radon test kits since 2007. Of those kits distributed, 13,846 or 52.7 percent have been used as of Sept. 30, 2012. This is a large number and a large percentage of kits used, but it can always be improved upon.

Number of homes tested

If you look at the numbers of homes tested versus the number of housing units in the state, the percentage of homes tested is a minimal 1.21 percent. However, this 1.21 percent represents 14,215 homes in Nevada that have been tested for radon. This is a significant number of homes.

Number of homes mitigated

Of the 14,215 homes tested (using short-term screening tests), at least 3,044 of those homes were over the U.S. Environmental Protection Agency (EPA) Action Level of 4.0 pCi/l. The first action prescribed by the EPA is to retest, using another short-term test or a long-term test for a full year, depending upon the radon level of the first screening test. A mitigation decision would then be made after the second confirming test results were received.

Using program data, 101 of the 3,044 homes were determined not to need mitigation after long-term testing was completed. This reduces the number of homes needing mitigation to 2,943 homes. Of those 2,943 homes, we know that at least 468 have been mitigated, representing 15.9 percent of the total. This is a substantial number of mitigated homes in itself, but the total number is most likely higher, as our program does not have a system in place for the required reporting of mitigations that occur, both with certified mitigators and homeowners who mitigate their homes themselves.

Number of homes tested in a real estate transaction

The number of homes that we know have been tested in a real estate transaction is 653. This is not a terribly significant number, but there is no requirement for homeowners or certified testers to report their numbers. Since we recommend home buyers use a certified radon tester (and not our program kits) when buying a home, we know only a small portion of the homes tested for real estate.

Number of homes built RRNC

We also know of at least 115 homes that have been built with radon-resistant new construction, but again, this is not an absolute known number because there are no regulations to report homes built RRNC.

Nevada Radon Education Program's Impact Data as of 9-30-12																		
County	# Valid/Usable ST test results						# test kits distributed			# Homes tested			# Mitigations			# Real Estate	# RRNC	
	# Valid tests**	# Tests < 4 pCi/l	# Tests ≥ 4 pCi/l	% Radon Potential	Average radon level	Maximum radon level	# 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	1,048	642	406	38.7%	4.33	100.5	2,142	1,284	59.9%	23,534	1,186	5.0%	395	37	9.4%	48	12	
Churchill	254	221	33	13%	2.56	16.4	563	271	48.1%	10,826	296	2.7%	31	7	22.6%	8	3	
Clark	1,572	1,431	141	9%	1.83	66.0	4,377	1,669	38.1%	840,343	2,191	0.3%	141	28	19.9%	41	7	
Douglas	2,631	1,578	1,053	40%	5.13	117.9	5,540	3,667	66.2%	23,671	3,008	12.7%	1,016	158	15.6%	154	40	
Elko	207	136	71	34.3%	4.30	30.6	480	216	45%	19,566	261	1.3%	70	7	10%	6	1	
Esmeralda	2	2	0	0%	1.45	1.9	10	1	10%	850	3	0.4%	0			0		
Eureka	12	7	5	41.7%	5.25	15.7	40	12	30%	1,076	17	1.6%	5		0%			
Humboldt	112	82	30	26.8%	3.70	26.4	254	156	61.4%	7,123	136	1.9%	29	6	20.7%	4	1	
Lander	57	44	13	22.8%	3.92	24.9	130	78	60%	2,575	80	3.1%	13		0%	6	1	
Lincoln	47	32	15	31.9%	4.30	29.0	121	65	53.7%	2,730	65	2.4%	15		0%	1		
Lyon	573	410	163	28.4%	3.69	135	1,022	573	56.1%	22,547	669	3.0%	154	18	11.7%	22	10	
Mineral	59	42	17	28.8%	3.90	23.5	122	61	50%	2,830	65	2.3%	16	2	12.5%	3		
Nye	121	110	11	9.1%	1.85	9.2	321	155	48.3%	22,350	152	0.7%	10		0%	7	1	
Pershing	100	48	52	52%	6.46	25.5	259	142	54.8%	2,464	121	4.9%	52	4	7.7%	3		
Storey	16	12	4	25%	2.83	7.8	52	21	40.4%	1,990	24	1.2%	4		0%	0		
Washoe	4,753	3,769	984	20.7%	3.27	155.6	10,429	5,297	50.8%	184,841	5,751	3.1%	948	199	21%	332	39	
White Pine	150	105	45	30%	3.79	32.8	357	167	46.8%	4,498	177	3.9%	43	2	4.7%	4		
Unknown	2	1	1	50%	4.00	5.3	44	11	25%		13		1	0	0%	14		
TOTAL	11,716	8,672	3,044	26.0%	3.65	155.6	26,263	13,846	52.7%	1,173,814	14,215	1.21%	2,943	468	15.9%	653	115	

*2010 Census Bureau

**# 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 State Health Division and the Washoe County District Health Department.

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

Radon test kit distribution and tests used for the quarter

The data in the charts on this page show the number of test kits distributed at various events and activities for the July through September quarter. They show the number of test kits distributed as well as the number of test kits used. The percentage represents the percent of usage within the activity, presentation or from partner distribution locations.

Several health fair and exhibit booth events occurred this quarter. It is too early to give a success rate to these projects as we encourage people to wait until cooler weather months to use their test kits.

Short-term test kits distributed from Special Projects, Partners and Cooperative Extension offices from July-September 2012			
Distribution point	No. kits distributed	No. tested	% tested
Clark County UNCE	12	3	25%
Douglas County UNCE	20	8	40%
Elko County UNCE	2	2	100%
Eureka County UNCE	1	0	0%
Lander County UNCE	1	1	100%
Lyon County UNCE	3	0	0%
Pershing County UNCE	1	0	0%
Washoe County UNCE	19	7	36.8%
White Pine County UNCE	1	1	100%
Incline Village Recreation Center	8	7	87.5%
Mitigator Norm Denny kit distribution	13	6	46.2%
Nevada Tahoe Conservation District Office	11	2	18.2%
Pershing door tag project	1	0	0%
TOTALS	93	37	39.8%

Short-term test kits distributed at Western and Central area programs from July-September 2012				
Date	Program	No. kits distributed	No. tested	% tested
7/30/12	PineWild HOA	11	0	0.0%
9/9/12	2012 CABNR Field Day	91	3	3.3%
9/14/12	Bally Tech Health Fair	102	4	4%
9/15/12	WCSD Health Fair	103	0	0%
Program Totals		307	7	2.3%

Short-term test kits distributed at Southern area activities/programs from July-September 2012				
Date	Program/Presentation	No. kits distributed	No. tested	% tested
7/18/12	Condominium HOA	6	0	0%
9/8/12	Youth Gardener Program	3	0	0%
9/10/12	Sun City Anthem Health Fair	25	1	4%
9/10/12	Sun City Cancer Support Group	14	1	7.1%
Program Totals		48	2	4.2%

Short-term test kits distributed by Mail with Coupons or Phone call requests from July-September 2012			
Distribution point	No. kits distributed	No. tested	% tested
Las Vegas mail order	4	1	25%
Reno mail order	1	1	100%
Website coupon	1	0	0%
4-H Camp coupon	2	1	50%
TOTALS	8	3	37.5%

Radon potential update

With 1,499 valid new test results added to Nevada's radon database from a year ago, the radon potential for the state of Nevada increased slightly, with 26 percent of the homes tested having radon levels over the EPA Action Level of 4 pCi/l.

Results show that 10 counties had an increase in potential, while five counties showed a decrease. Storey County had the largest increase of 15.9 percent, with 25 percent of the homes tested having elevated radon levels. Lander County had the next largest increase with 22.8 percent of the homes tested having elevated radon levels.

Eureka County had the largest decrease of 8.3 percent, but still, 41.7 percent of the homes tested have elevated radon levels. Humboldt County had the second largest decrease of 7.5 percent, with 26.8 percent of the homes tested having elevated radon levels.

Comparing the first quarter of FY2013 with the first quarter of FY2012, 1,509 valid new test results were added to the database. The largest increase in valid test results occurred in Washoe County with 662 new results, followed by Clark County with 227, and Douglas County with 222 new valid tests.

Compared to the original radon survey tests in the 1990s, the Nevada Radon Program has increased the number of valid tests by 9,361 results.

County	Results as of 9-30-11			As of 9-30-12		
	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels
Carson City	911	340	37.3%	1048	406	38.7%
Churchill	197	24	12.2%	254	33	13%
Clark	1,345	101	7.5%	1572	141	9%
Douglas	2,409	944	39.2%	2631	1053	40%
Elko	162	56	34.6%	207	71	34.3%
Esmeralda	2	0	*	2	0	*
Eureka	10	5	50.0%	12	5	41.7%
Humboldt	102	35	34.3%	112	30	26.8%
Lander	40	6	15.0%	57	13	22.8%
Lincoln	47	15	31.9%	47	15	31.9%
Lyon	489	134	27.4%	573	163	28.4%
Mineral	60	16	26.7%	59	17	28.8%
Nye	118	12	10.2%	121	11	9.1%
Pershing	80	47	58.8%	100	52	52%
Storey	11	1	9.1%	16	4	25%
Washoe	4,091	798	19.5%	4753	984	20.7%
White Pine	133	36	27.1%	150	45	30%
Unknown				2	1	*
State Totals	10,207	2,570	25.18%	11,716	3,044	26.0%

UNCE Radon Education Program database of short-term test results data as of Sept. 30, 2012. Results based on independently tested homes, not scientific sampling. Usable test results include valid tests, one per home, using an average result for multiple tests, from the lowest level of the home tested, and when known, post-mitigation results are not included. Schools and large buildings excluded.

State data provided by the Nevada State Health Division, Nevada certified radon testers and the following radon labs: AccuStar Labs, Alpha Energy Laboratories, Air Chek, Inc. and Pro Lab.

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

Radon news in newspapers and on the internet...

Displays, tours at Valley Road Field Day

Sept. 9, 2012
Reno Gazette-Journal

The University of Nevada, Reno's Valley Road Field Day today is an opportunity for the public to see the many research and community outreach activities that happen at the 48-acre Agricultural Station complex just 80 near downtown Reno. The annual event is hosted by the University of Nevada, Reno's Cooperative Extension Program, Nevada State Health Division, and the U.S. Environmental Protection Agency.



The University of Nevada, Reno's Valley Road Field Day today is an opportunity for the public to see the many research and community outreach activities that happen at the 48-acre Agricultural Station complex just 80 near downtown Reno. The annual event is hosted by the University of Nevada, Reno's Cooperative Extension Program, Nevada State Health Division, and the U.S. Environmental Protection Agency.

Radon poster contest open to students

Nevada children are invited to showcase their artistic talents to promote radon awareness by entering in the 2013 Nevada Radon Poster Contest by Oct. 15.

The 2013 Nevada Radon Poster Contest is sponsored by Nevada Radon Education Program, Nevada State Health Division, Kansas State University and the U.S. Environmental Protection Agency.

It is open to all children ages 9-14 years old enrolled in a public, private, territorial, tribal, Department of Defense, and home school.

Children can also enter through a sponsoring club, such as an art, computer, reading, science, scouting organization, or 4-H club.

Entries are free, but are limited to one entry per child.

- Posters should follow these five topics:
- 1) What is radon?
 - 2) Where does radon come from?
 - 3) How does radon get into our homes?
 - 4) Radon can cause lung cancer, and
 - 5) Test your home for radon.

Cash prizes for the top five Nevada entries are: \$80 for first place, \$60 for second, \$40 for third and \$20 for fourth and fifth place winners.

The top three Nevada poster entries are also awarded cash prizes for their teachers or sponsoring organization's representative, and are entered in the national contest. National contest winners receive \$1,000 for first place, \$600 for second, \$400 for third, and \$400 for special online voting recognition.

National winners will receive recognition and the posters will be reproduced and distributed nationally to promote radon awareness.

For contest rules, requirements and information visit the Nevada Radon Education Program website, www.RadonNV.com or

Children invited to create for contest

Sept. 28, 2012
Desert Valley Times

Desert Valley Times

Nevada children are invited to showcase their artistic talents to promote radon awareness by entering in the 2013 Nevada Radon Poster Contest by Oct. 15.

The 2013 Nevada Radon Poster Contest is sponsored by Nevada Radon Education Program, Nevada State Health Division, Kansas State University and the U.S. Environmental Protection Agency.

Radon Education Program hosts info booth Saturday

Sept. 4, 2012
Daily Sparks Tribune

RENO — University of Nevada Cooperative Extension's (UNCE) Radon Education Program will host a booth at the College of Agriculture, Biotechnology and Natural Resources and the University of Nevada Cooperative Extension's 2012 Valley Road Field Day, from 10 a.m. to 2 p.m. Saturday, Sept. 8, at 1000 Valley Rd.

Radon educators will be available to answer questions, hand out informative brochures and offer free short-term radon test kits.

Radon is a colorless, odorless, naturally occurring radioactive gas known to cause lung cancer. Among nonsmokers, radon is the leading cause of lung cancer. Radon occurs from the breakdown of uranium in rocks and soil.

Once released from earth, radon can enter a home or building — old or new, well-sealed or drafty. Homes with basements, slab on ground crawl spaces or no visible foundation cracks are susceptible. Variables that determine radon levels include how the home was constructed, occupant lifestyle factors and the strength of the radon source beneath the house. The only way to know a building's radon levels is to test. If high levels of radon are found, there is a way to reduce or mitigate radon levels.

For more radon information, visit the Nevada Radon Education Program website www.RadonNV.com, or call the Radon Hotline at 888-723-6610.

PROTECT YOUR LOVED ONES
TEST • FIX • SAVE A LIFE
TEST • FIX • SAVE A LIFE

Disabling our results in the next five years!

Sept. 7, 2012
RadonLeaders.org

share your story

Radon Fairy Spreads Important Message

August 27, 2012 • Susan H. Howe, Nevada Radon Education Program

The Nevada Radon Education Program, under the direction of Susan H. Howe, produces a wide array of outreach items on a yearly basis to spread the radon message. Examples of some of these efforts include door tags, engaging radon Public Service Announcements (PSAs), brochures and massive...

This year in particular, the Nevada Day event (dressed up as the "Radon Fairy") is a wonderful opportunity to raise radon awareness. She provides local newspapers and Radon Education Program...

YOU CAN HELP THE RUN ON
CLICK TO DONATE CANNED TUNA DURING HUNGER ACT!

NEWS • OPINION • EVENTS • ENTERTAINMENT • SPORTS

You are here: Home » News » Education »

2013 Nevada Radon Poster Contest open to students

September 26, 2012 10:33 AM 0 comments

Nevada children are invited to showcase their artistic talents to promote radon awareness by entering in the 2013 Nevada Radon Poster Contest by Oct. 15.

The 2013 Nevada Radon Poster Contest is sponsored by Nevada Radon Education Program, Nevada State Health Division, Kansas State University and the U.S. Environmental Protection Agency. It is open to all children ages 9-14 years old enrolled in a public, private, territorial, tribal, Department of Defense, and home school. Children can also enter through a sponsoring club, such as an art, computer, reading, science, scouting organization, or 4-H club. Entries are free, but are limited to one entry per child.

Posters should follow these five topics: 1) What is radon? 2) Where does radon come from? 3) How does radon get into our homes? 4) Radon can cause lung cancer, and

Cash prizes for the top five Nevada entries are: \$80 for first place, \$60 for second, \$40 for third and \$20 for fourth and fifth place winners.

The top three Nevada poster entries are also awarded cash prizes for their teachers or sponsoring organization's representative, and are entered in the national contest. National contest winners receive \$1,000 for first place, \$600 for second, \$400 for third, and \$400 for special online voting recognition.

National winners will receive recognition and the posters will be reproduced and distributed nationally to promote radon awareness.

For contest rules, requirements and information visit the Nevada Radon Education Program website, www.RadonNV.com or

Mesquite's Number One Online Source For News And Information

2013 Nevada Radon Poster Contest open to students

Special to the MLN

Nevada children are invited to showcase their artistic talents to promote radon awareness by entering in the 2013 Nevada Radon Poster Contest by Oct. 15.

The 2013 Nevada Radon Poster Contest is sponsored by Nevada Radon Education Program, Nevada State Health Division, Kansas State University and the U.S. Environmental Protection Agency. It is open to all children ages 9-14 years old enrolled in a public, private, territorial, tribal, Department of Defense, and home school. Children can also enter through a sponsoring club, such as an art, computer, reading, science, scouting organization, or 4-H club. Entries are free, but are limited to one entry per child.

Posters should follow these five topics: 1) What is radon? 2) Where does radon come from? 3) How does radon get into our homes? 4) Radon can cause lung cancer, and

Cash prizes for the top five Nevada entries are: \$80 for first place, \$60 for second, \$40 for third and \$20 for fourth and fifth place winners.

The top three Nevada poster entries are also awarded cash prizes for their teachers or sponsoring organization's representative, and are entered in the national contest. National contest winners receive \$1,000 for first place, \$600 for second, \$400 for third, and \$400 for special online voting recognition.

National winners will receive recognition and the posters will be reproduced and distributed nationally to promote radon awareness.

For contest rules, requirements and information visit the Nevada Radon Education Program website, www.RadonNV.com or

Serving Nevada's White Pine County since 1920

Home News Sports Local Links Features Opinion Columns Lifestyle Notices

Cooperative Extension office to hold open house Oct. 4

Sept. 28, 2012
Elynews.com

Posted Friday, September 28, 2012 9:00 AM

The Cooperative Extension office in White Pine County values the citizens we serve.

We would like to welcome you to our first open house here in Ely on Thursday, Oct. 4 from 4 p.m. to 6 p.m. It is located at 995 Compton St. Light refreshments will be available, along with Radon Awareness gift bags.

The new Extension Educator, Seth Urbanowitz, and Central/Northeast Area Director, Dr. Loretta Singletary, as well as the phenomenal staff will be present to meet with visitors, express appreciation for your support throughout the year, and answer any questions you may have regarding Extension programming in White Pine County and the state.

© 2012 The Ely Times. All rights reserved. This material may not be published, broadcast, reprinted or redistributed.

The University of Nevada, Reno is an Equal Employment Opportunity/Affirmative Action employer and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, or sexual orientation in any program or activity it operates. The University of Nevada employs only United States citizens and aliens lawfully authorized to work in the United States.



This publication was supported by the Nevada State Health Division through Grant Number K1-96963512-0 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 State Health Division nor the U.S. Environmental Protection Agency.

Nevada Radon Short-Term Test Results*

From 1989 to September 30, 2012

Nevada counties	Carson City		Churchill		Clark		Douglas		Elko		Esmeralda	
Total number of usable tests per county	1,048		254		1,572		2,631		207		2	
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	642	406	221	33	1,431	141	1,578	1,053	136	71	2	0
% of homes tested that have elevated radon levels	38.74%		12.99%		8.97%		40.02%		34.30%		sample size too small	

Nevada counties	Eureka		Humboldt		Lander		Lincoln		Lyon		Mineral	
Total number of usable tests per county	12		112		57		47		573		59	
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	7	5	82	30	44	13	32	15	410	163	42	17
% of homes tested that have elevated radon levels	41.67%		26.79%		22.81%		31.91%		28.45%		28.81%	

Nevada counties	Nye		Pershing		Storey		Washoe		White Pine		TOTALS	
Total number of usable tests per county	121		100		16		4,753		150		11,716	
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	110	11	48	52	12	4	3,769	984	105	45	8,672	3,044
% of homes tested that have elevated radon levels	9.09%		52.00%		25.00%		20.70%		30.00%		25.98%	

*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 September 30, 2012

Nevada counties	Carson City	Churchill	Clark	Douglas	Elko	Humboldt	Lincoln	Lyon	Nye	Pershing	Washoe	White Pine	TOTALS													
Total number of usable tests per county	27	3	23	87	6	2	1	25	1	1	148	8	332													
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	16	11	3	0	18	5	61	26	3	3	1	1	0	1	20	5	0	1	1	0	109	39	6	2	238	94
% of homes tested that have high radon levels	40.7%	0%	21.7%	29.9%	50%	50%	100%	20%	100%	0%	26.4%	25%	28.31%													

**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 Education Program Numbers

UNCE Radon Program	prior to Sep 07	FY 08	FY 09	FY 10	FY 11	FY 12	Jul - Sep 12	Total to date
Radon phone and email inquiries	NA	2,136	2,688	1,911	2,209	1,946	109	10,999
Direct contacts promoting radon testing and mitigation	NA	3,259	14,000	10,428	7,862	7,768	1,276	44,593
Newspaper/magazine articles	1	99	61	85	68	101	4	419
Number of TV reports	NA	17	9	57	37	6	0	126
Number of TV PSAs						592	0	592
Website pages of NV Radon information			45	113	253	113	4	528
Number of radio PSAs	NA	6	6	26	6	195	0	239
Number of radon exhibits	NA	51	106	186	148	183	16	690
Radon publications/info distributed	NA	2,798	67,071	59,378	58,545	99,057	14,898	301,747
Web site page hits	NA	NA	29,466	59,288	75,920	85,617	21,884	272,175
Test kits distributed	971	2,469	8,208	5,321	4,829	3,993	463	26,254
Homes tested-Short-Term*	1574	1,316	4,062	2,590	2,339	2,025	92	13,998
Homes tested-Long Term**	41	26	56	30	30	28	6	217
School buildings tested	6	1	16	10		15		48
School buildings mitigated		2	9			0	4	15
Homes mitigated	4	20	75	92	128	132	17	468
Homes with repaired mitigation system or fan replacements				1	1	1		3
Large buildings tested**		27		31		0		58
Large buildings mitigated			2			1		3
Homes tested in Real Estate transaction	1	27	68	84	168	259	46	653
Homes built with RRNC features		7	36	30	18	22	2	115
Number of certified Mitigators		3	2	-1		0	-1	3
Number of Builders using RRNC					5	3		8
No. of Realtors promoting Radon testing						26		26

***9/30/12 review of homes tested Long-term determined many were the result of short-term tests completed first. Therefore, number of homes tested was refigured.
 **6/30/12 review of large buildings tested determined Oct-Dec 11 figure was incorrect.
 * 3/31/11 data: took large buildings and schools out of the calculations for homes tested.

Radon Zone Summaries

Nevada Radon Zone Short-Term Test Result Summary			
Zones - Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1 counties			
Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	4,679	1,770	37.83%
Zone 2 counties			
Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	5,465	1,133	20.73%
Zone 3 counties			
Clark	1,572	141	8.97%
Statewide statistics	11,716	3,044	25.98%

Nevada Radon Zone Long-Term Test Result Summary			
Zones - Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1 counties			
Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	149	45	30.20%
Zone 2 counties			
Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	160	44	27.50%
Zone 3 counties			
Clark	23	5	21.74%
Statewide statistics	332	94	28.31%