

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF RADIATION CONTROL  
STATE INDOOR RADON GRANT**

**FY 2011 GOALS - END OF YEAR REPORT**

**DRC ANNUAL RADON GOAL:**

Continue the fundamental activities regarding the EPA Radon Grant.

**Measures:**

1. Promote New Home Construction with Radon Resistant Technology.
  - a. Promote and distribute information about radon resistant building technology to builders throughout the state. Display radon information and distribute free test kit coupons at the following exhibitor booths: 2010 Fall Home Show at the South Towne Convention Center, 2010 Spring Home Builders Annual Conference in Layton, Utah.

**STATUS:** *Conferences and Exhibits – The Division of Radiation Control (DRC) educated builders and the public about radon resistant new construction by exhibiting information and distributing discounted test kit coupons at the following home building events: (1) 2010 Deseret News Fall Home Show, October 8-10, South Towne Expo Center, Sandy; (2) 2011 Utah Home Builders Conference, April 6, 2011.*

- b. Promote radon resistant building technology to Home Builders Associations throughout the state using educational material produced by the Center for Environmental Research and Technology, Inc (CERTI) and RRNC Workshop DVD produced by the National Environmental Health Association (NEHA) and sponsored by the U.S. EPA.

**STATUS:** *Radon Resistant New Construction (RRNC) education incorporated PowerPoint slides produced by the Center for Environmental Research and Technology, Inc and DVD produced by the National Environmental Health Association (NEHA) in educating members of the Utah Valley HBA and Park City HBA.*

- c. Conduct at least three educational training courses entitled, “Radon Resistant New Construction (RRNC).” The courses will offer continuing education credit from the Utah Department of Commerce, Division of Occupational and Professional Licensing, and will be held throughout various areas of the state.

**STATUS:** *Training - DRC Instructor conducted 1 CE training course entitled, “Radon*

***Resistant New Construction (RRNC)” to 10 members of the Utah HBA and coordinated and instructed a Radon RRNC educational class for approx. 100 people, with Richman America Builders sponsoring the class. DRC was awarded EPA grant monies to assist Utah Habitat for Humanity in educating its builders in building RRNC homes (8 builders have finished the CERTI program).***

2. Support Disclosure, Testing and Mitigation in conjunction with Real Estate Transfers.
  - a. Training; conduct at least 10 courses of "Radon for the Real Estate Professional," conducted by the Department of Environmental Quality for continuing education approved by the Department of Commerce, Division of Real Estate. Actively solicit real estate agents and brokers when the aforementioned call for advice/information regarding radon.

***STATUS: Training – DRC instructors conducted 8 CE credit approved classes on “Radon for the Real Estate Professional.” Course instruction included a booklet and U.S. EPA DVD. Classes were held in Salt Lake, Summit, and Utah counties with approx. 80 professionals participating.***

3. Develop coalitions with Local Governments, partner affiliates and other radon risk reduction leaders.
  - a. Continue working with the 12 Local Health Districts. Outreach activities range from, providing information packets on radon, distributing radon test kits, conducting radon presentations, and testing radon levels in schools. The DRC will request and encourage an individual from local health districts that receive pass-through monies to attend a radon training class, either the “Radon for the Real Estate Professional” or a measurement course.

***STATUS: Partnerships – DRC has continued its past partnerships and has created new partnerships with radon risk reduction leaders. Partnerships include 12 Local Health Districts, Huntsman Cancer Institute (HCI), Habitat for Humanity, CanSAR, Utah Safety Council, American Lung Association, Utah Department of Health, and Utah Cancer Action Network (UCAN). DRC radon coordinator has visited 6 Local Health Environmental Directors throughout the state. As a result of the personal visits, 10 directors have committed to receiving pass-through monies to educate the public. They have also committed to attend the upcoming EPA Region 8 Stakeholders Meeting to be held in Salt Lake City, Utah on April 12-13, 2012.***

- b. Conduct outreach activities (to be determined) with the Utah Safety Council promoting radon awareness and radon testing during the month of January 2011.

***STATUS: Outreach Activities – DRC tried to coordinate activities with the Utah Safety***

*Council but was told they have phased out the radon program from their program. As a result, DRC coordinated outreach efforts with Kansas State University to promote radon awareness and testing by sponsoring the 2011 Radon Poster Contest. Over 100 posters were submitted by students throughout the state. DRC also coordinated outreach activities with CanSAR. DRC participated in CanSAR's Radon Tee World Trek and Capital Steps.*

- c. Provide assistance when requested by tribal organizations throughout Utah (specifically, the Piute tribe and the Shoshone tribe).

**STATUS:** *No additional information.*

- d. Continue partnership with Intermountain Health Care (IHC) newborn radon packet that started back in December 2003 (FY04).

**STATUS:** *Newborn Program – DRC continued its IHC newborn radon program by giving out over 1,500 radon test kits to new mothers.*

- e. Expand newborn radon packets to other area hospitals including: St. Mark's Hospital and the University of Utah Hospital System.

**STATUS:** *The Newborn Radon Program mailing process was upgraded so that requests for free kits go directly to the laboratory. Letters were electronically mailed to 3 other health programs to expand the program.*

- f. Create, print, and distribute radon information to each library within the State of Utah for education and resource materials concerning radon.

**STATUS:** *Libraries – Disseminated radon brochures advertising the Radon Poster Contest to all public and chartered schools throughout the state, disseminated radon brochures to 12 Local Health Departments to distribute in libraries, schools, and public meetings.*

- 4. Determine (track) and measure results with respect to awareness levels, testing frequency, mitigation, and radon resistant new construction.

- a. Continue to inform the public about radon and the health hazard associated with exposure to elevated levels.

**STATUS:** *DRC radon coordinator reached out to the public through the following venues:*

- *Cache, Beaver, and Utah County Public Meetings;*
- *2011 Annual Meeting with state certified mitigators, May 10, Salt Lake;*
- *2011 Annual Meeting with state home inspectors and measurement*

*providers, May 10, Salt Lake;*

- *2011 University of Utah Seniors Health Care Fair in June; and*
- *2011 Park City Lodging HOA Radon Awareness Meeting in July.*
- *Radon Tee World Trek 2010 Events, Sept-Oct 4, sponsored by CanSAR;*
- *Capital Steps protest against radon at the Utah State Capitol Building in Jan;*
- *Boy Scout Eagle Projects on Radon;*
- *Governor's Declaration for January 2011 Radon Action Month, and*
- *3 Press Releases and 1 radio show.*

- b. Provide educational opportunities to the general public, real estate professional, and homebuilders.

**STATUS:** *DRC radon instructor provided 9 continuing education radon classes for real estate professionals and homebuilders (approx. 100 participants); provided radon education to several schools through the Radon Poster Contest advertisements; and provided one educational radio talk show on KCPW in Park City.*

- c. Continue to track phone inquiries and distribute radon detectors and or literature to the citizens of Utah.

**STATUS:** *DRC distributed approximately 1500 free radon detectors through the IHC newborn radon testing program and facilitate Tooele and Salt Lake County School Districts radon testing program. In addition, DRC tracked approx. 100 online inquiries, approx. 700 phone calls, and distributed approximately 2,000 radon brochures, booklets, and fact-sheets to the public.*

- d. Track the number of homes tested for Radon by currently listed Radon Measurement Service providers and report to the EPA the number of mitigations performed by currently listed Radon Mitigation Providers in Utah. In addition, the DRC will attempt to track and report to the EPA the number of homes built radon resistant based on information provided by local homebuilders.

**STATUS:** *DRC collected data from certified laboratories and certified measurement and mitigation providers servicing Utah. Data show that approximately 4,236 homes were measured and analyzed and approx. 755 homes were mitigated during 2011. Approximately 150 homes were built with radon resistant new construction (RRNC) techniques.*

5. Testing and, where necessary, mitigating schools for radon and radon decay progeny.

- a. When requested by School District administrators, inform them of the health hazard associated with exposure to radon and promote radon testing in schools. Have radon test kits available to school districts that care to test for radon.

**STATUS:** *Salt Lake County, Tooele County, and Beaver County have tested schools for radon. Approx. 25 schools were tested.*

6. Continue to work with the Division of Drinking Water, regarding the Federal Safe Drinking Water Act, Radon in Water rule (as necessary).
  - a. Contingent upon when EPA provides its guidance document to States and Public Water Systems regarding the requirements to the multimedia program, and in coordination with the Division of Drinking Water, develop a multimedia mitigation program that is based on this guidance document for the State of Utah.

**STATUS:** *No updates.*

- b. Continue to encourage both Public Water Systems and Private systems to test their water for radon.

**STATUS:** *No updates.*