

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF RADIATION CONTROL STATE INDOOR RADON GRANT

FY 2010 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: 2009 Fall Park City Home Show, 2009 Fall Home Show at the South Towne Convention Center, 2009 Fall Living in Green Expo in Park City, and the 2010 Spring Home Builders Annual Conference in St. George

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 free test kit coupons at the following home building events: (1) 2009 Deseret News Fall Home Show, October 9-11, South Towne Expo Center, Sandy; (2) 2009 Fall Living in Green Expo, October 17, Park City; (3) 2010 Utah Builders Conference, March 26-27, St. George; and (4) Habitat for Humanity Home Bldg Blitz Press Conference, Sept. 14, 2010, Springville.*

- 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) advertisements were placed in the Utah Home Builder Association (HBA) newsletter, July 2010 and 2010 Salt Lake Parade of Homes Magazine. 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, Southern Utah 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 Instructors conducted 3 continuing educational training courses entitled, "Radon Resistant New Construction (RRNC)" to members of Salt Lake HBA, Park City HBA, and Utah Valley HBA, with approximately 40 participants total.*

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 six 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, Davis, Summit, and Utah counties, a total of 55 professionals participated.*

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 gave a radon briefing at the Conference for Environmental Health Association (CLEHA) meeting for all Local Health Directors. Four Community leaders were recognized for their radon awareness activities at the Utah Radiation Board Meeting, Sept. 14.*

- b. Conduct outreach activities (to be determined) with the Utah Safety Council promoting radon awareness and radon testing during the month of January 2010.

STATUS: *Outreach Activities – DRC collaborated with the Utah Safety Council to promote radon awareness and testing during the 2010 Radon Poster Contest by awarding prizes to three state radon poster contest winners and one school. Sixty-four posters from 5 different schools throughout the state were entered into the contest.*

- 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.*

- 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 reviewed and upgraded. Arrangements were made so that test kit shipments to homeowners no longer go through DRC but come directly from the contracted laboratory. Stream-lining the mailing process is the first step toward expanding the newborn radon program to other hospitals.*

- 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 the people living in Beaver county through libraries, schools, and public meetings, disseminated radon brochures at the 2010 Children’s Environmental Health Fair at the Day Riverside Library and Salt Lake City Library.*

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:*

- *Chevron Health Fair, Oct. 22, 2009, Salt Lake City;*
- *Radon Awareness Study, Nov 14, 2009, University of Utah;*
- *Beaver City Public Meeting, Mar. 24, 2010, Beaver;*

- *2010 Annual Meeting with state certified mitigators, May 19, Salt Lake;*
- *2010 Annual Meeting with state home inspectors and measurement providers, June 23, Salt Lake;*
- *2010 Be Well Utah Health Fair, September 18, University of Utah, SL City;*
- *2010 Gateway Health Fair, Sept. 14, Salt Lake City;*
- *2010 Grand-Am Sportscar Series, Miller Motorsports Park, Sept. 11, Tooele;*
- *Conference of Local Environmental Health Association (CLEHA), Aug. 4, 2010, Heber, Utah;*
- *Radon Tee World Trek 2010 Events, Sept 21 – Oct 4, sponsored by CanSAR;*
- *Boy Scout Eagle Project on Radon; and*
- *Governor’s Declaration for January 2010 Radon Action Month.*

- 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 three schools (Rowland Hall High School, Farmington Jr. High, and Springville Jr. High.*

- 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 Canyon School District 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 3,353 homes were measured and analyzed and approx. 596 homes were mitigated during FY2010. Approximately 138 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: *Canyons School District completed its short-term radon testing program. A total of 90 schools and administrative buildings 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.*