

## **2019 Program Boundary Statement Radon Program**

For each performance-based contract program, the Division of Public Health has identified a boundary statement. The boundary statement sets the parameters of the program within which the local public health department (LPHD), Tribe or agency will need to set its objectives. The boundaries are intentionally as broad as federal and state law permit to provide maximum flexibility. However, if there are objectives or program directions that the program is not willing to consider or specific programmatic parameters, those are included in the boundary statement.

### **Program Outline:**

Objectives for reducing exposures to elevated indoor radon in homes are funded for two classes of agencies:

Radon Information Centers (RICs): Sixteen local health or environmental agencies will be funded to deliver eight services of a single objective, each agency to multiple counties (a region), concerning: outreach, public consultation, proficiency certification, coordination with DPH, database, and field site visits.

Local health agencies other than RICs will not be funded in 2019.

**Long-term Program Goals:** The Outcome Goal is reduction of lung cancer incidence by reducing exposures of the public to indoor radon. An Output Goal is that every home with ground contact be tested for radon, identifying those with exposures to residents averaging higher than 4 pCi/L in occupied spaces, and reducing those to far below 4 pCi/L with the mitigation method recommended by US EPA. Another Output Goal is that new homes be built with features recommended as effective in helping to keep radon out of the indoor air.

### **Target Populations:**

- Residents of all homes in Wisconsin having ground contact.
- Residents in regions of the Wisconsin zip-code radon map where higher percentages have elevated radon.

Every home with ground contact should be tested, because: homes with elevated radon have been found in virtually every zip code in Wisconsin; the radon in any particular home is not predictable; neighboring homes tend to have greatly dissimilar concentrations; radon screening tests may be made for as little as \$10; and radon mitigation is available at reasonable cost. The only way for homeowners to know if their radon is elevated is to test.

### **References:**

#### Federal Regulations/Guidelines:

- US EPA: Citizen's Guide to Radon
- US EPA: Home Buyers and Sellers Guide to Radon
- US EPA: Consumers' Guide to Radon Reduction

#### State of Wisconsin Statutes/Administrative Rules/Guidelines:

- WI Statutes s. 254.34

#### Program Policies:

- Policies of the US EPA regarding measurement, mitigation and risk reduction for radon in homes, as reflected in the three EPA documents above, should be recommended. No others have been specified in state legislation.

**Unacceptable Proposals:**

- Radon measurement for building types other than homes will not be funded. Advising them is done only by DPH in coordination with RICs, because measurement protocols, interpretation of results in terms of risk, and methods of mitigation can differ from those for homes.
- Funds will not be provided to pay for radon mitigation itself.

**Relationship to State Health Plan: *Healthiest Wisconsin 2020:***

System Priorities:

- Community health improvement processes and plans
- Coordination of state and local public health system partnerships

State Health Plan Priorities:

- Access to primary and preventive health services
- Environmental and Occupational Health Hazards; *Environmental Radiation*

Essential Public Health Services:

- Identify, investigate, control and prevent health problems and environmental health hazards in the community
- Educate the public about current and emerging health issues
- Promote community partnerships to identify and solve health problems
- Create policies and plans that support individual and community health efforts
- Link people to needed health services

Methodology Used to Determine Health Priorities (*Page 105 of plan*), ***Environmental and Occupational health:*** By 2020, increase the percentage of homes with healthy, safe environments in all communities. (Safe environments are free from lead paint hazards, mold or moisture damage, environmental tobacco smoke and safety hazards, and include carbon monoxide and smoke detectors, and radon testing and mitigation.)