



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
REGULATORY SERVICES BUREAU  
Environmental Health Section  
*Radon Program*

## MEMORANDUM

**Circular Letter #: 2007-2**

**DATE:** March 1, 2007

**TO:** Qualified School Radon Measurement Professionals  
All Superintendents, Facilities Directors, Business Officials, Boards of Education, and  
Directors of Health

**FROM:** Francesca Provenzano, Health Program Supervisor

**RE:** Clarification of DPH Protocols for Radon Measurement in CT Public Schools

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This memorandum is written in response to several inquiries received by the CT Department of Public Health (DPH) Radon Program regarding radon measurement activities conducted in CT public schools. This memorandum is meant to provide you with clarification regarding DPH-established protocols.

### ***Testing Dates***

November 1<sup>st</sup> through April 1<sup>st</sup> are the appropriate dates for radon measurement activities in Connecticut's public schools. Follow-up testing that must be conducted in locations where elevated radon levels have been identified must fall within these dates. It is therefore recommended that *initial* radon measurement should be completed by early March to account for any potential follow-up testing. Please keep this in mind when scheduling testing dates. Commencing radon measurement activities in late March will not provide an adequate amount of time to conduct follow-up testing.

### ***Device Placement***

Radon test devices shall be placed:

- Away from any drafts, vents, and appliances (e.g. computers, projectors, etc.);
- 20 inches above the floor;
- 3 feet away from any exterior wall and 1 foot away from any interior wall;
- 3 feet away from any windows;
- Out of direct sunlight; and
- Where they are least likely to be disturbed.



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***Quality Assurance/Quality Control Measures***

Duplicate tests shall be placed in 10% of all measurement locations in a school building. Duplicates shall be distributed throughout the testing field.

- Duplicate results shall be compared by calculating the relative percent difference for all duplicate results that are at or above 4.0 pCi/L;
- Retesting is necessary when the relative percent difference is 25% or more.

Blanks shall be placed in 5% of all measurement locations in a school building. Blanks shall be placed in a room that is being tested and spread out side-by-side, at least four inches apart.

- Blanks shall not be left stacked on top of each other.

If you have additional questions, please contact the CT DPH Radon Program at (860) 509-7367.

cc: S. Blancaflor, EHS  
P. Kilbey-Fox, LHA