



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
BUREAU OF REGULATORY SERVICES
DIVISION OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

Memorandum

Date: January 31, 2005

DEH Circular Letter # 2005-4

To: All Connecticut Certified Laboratories and Radon Analytical Services Providers

From: Jeff Curran, Supervising Environmental Laboratory Consultant
Francesca Provenzano, Health Program Associate

Re: Radon Testing in Water

Recently, the Radon Program has received several complaints from consumers concerning radon test results in water. There appears to be a wide variation in the test results the consumers received when they used more than one laboratory, some of which were not certified by the Department of Public Health Environmental Laboratory Certification Program for radon testing in water.

Per Section 19a-29a of the Connecticut General Statutes and Section 19-4-1 of the Regulations of the Connecticut State Agencies, laboratories testing for radon in water must be approved by the Department. The Department currently recognizes only one method for radon testing in water (liquid scintillation counting), Method 7500Rn B from Standard Methods for the Examination of Water and Wastewater, 20th ed., APHA-AWWA-WEF. No other methods are currently approved.

Laboratories should note that due to radon's short half-life and volatility, certain precautions must be taken during sampling. *Attached are some guidelines for collecting samples for radon testing. All samples must be analyzed within 4 days of collection.

*Enclosed is a listing of commercial laboratories currently approved for radon testing in water by the Department. Any testing for radon in water by a laboratory not approved is a violation of the Connecticut General Statutes and the Regulations of the Connecticut State Agencies. If your laboratory wishes to become certified for radon testing in water, please contact the program office.

[*Please refer the Radon Program website for the latest list of approved laboratories and water sampling protocol that are referenced as attachments. They are not attached to this memorandum.]



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