

# Radon Gas Measurement Report

## Test location:

FAMILY ROOM ON SLAB FOUNDATION

[REDACTED]  
MIDDLETOWN CT 06457

Property was: Unoccupied

Tester: James Quarello

This is the report of a radon gas screening measurement. The measurement was performed using a Sun Nuclear Corp. model 1027 continuous radon monitor (CRM) in conformance with test protocols established by the US Environmental Protection Agency in the document entitled "Protocols for Radon and Radon Decay Product Measurements in Homes."

The report in the adjacent column is the actual report that was obtained from the CRM upon completion of the measurement period.

The measurement period was (48) hours.

During the measurement period radon gas measurements were recorded one (1) every hour.

The serial number of the CRM deployed for this measurement is: 43341007

Exposure start: 6/28/2007 @10:05 AM

Exposure stop: 6/30/2007 @ 10:05 AM

### Explanation of Report Data:

**Tabular Data:** This portion of the report provides a numerical listing of the radon gas measurements that were made throughout the measurement period.

**Average:** This portion of the report gives the average radon gas concentration measured during the entire measurement period. This average is computed in two ways. The "Overall Average" is the simple average of all of the values listed in **Tabular Data**. The "EPA Average" is the simple average of all of the values listed in **Tabular Data**, *except* those values recorded during the first four hours of the measurement period. **The "EPA Average" is computed in a manner consistent with the protocols cited above and is considered the actual radon level.**


**Bar Graph:** This section provides a graphic representation of all of the values that are listed in the **Tabular Data**.

**Other Information:** In the printout, the letter "p" or "T" may appear next to a given value. The "p" indicates that, during this measurement interval, the power was disconnected from the CRM. The "T" indicates that, during this measurement interval, the CRM was disturbed or moved. The abbreviation pCi/L means picoCurie per Liter of air, the most common method of expressing radon/air concentrations.

**The United States Environmental Protection Agency and the Centers for Disease Control have set a continuous exposure of at or above 4.0 pCi/L as the action level for which further testing and/or remedial action are warranted.**

The EPA final average for this test: **5.9 pCi/L**

The radon gas measurement was completed and there is no evidence that the CRM was tampered with in any way. Therefore, the average values contained in this report reflect the radon gas concentration at the time of the test and should not be construed as either predictive or supportive of a similar measurement conducted at another time in the same structure.

JRV Home Inspection Services, LLC 28 Edgewood Drive Wallingford CT 06492-2133 203-697-1147 ----- Professional Radon Monitor							0  --- --- --- --- --- --- --- ---	8  --- --- --- --- --- --- --- ---	16  --- --- --- --- --- --- --- ---
Start Date : 6/28/2007 Start Time : 10:05:00 AM End Date : 6/30/2007 End Time : 10:05:00 AM Serial # : 43341007 Location : Family room on slab foundation							--- --- --- --- --- --- --- ---		
Signature:									
Data in pCi/l Time Interval 1 Hr							--- --- --- --- --- --- --- ---		
1.6	2.3	1.6	2.6	2.6	3.3				
4.0	6.0	3.3	5.0	3.3	5.3		--- --- --- --- --- --- --- ---		
5.0	5.0	3.3	7.3	8.3	6.6				
6.0	4.3	5.6	5.3	6.0	8.6				
6.0	5.3	8.3	4.3	6.6	7.0				
4.0	7.0	3.6	4.3	8.0	7.0				
8.6	7.3	7.3	6.3	6.3	6.0				
6.6	7.3	6.3	6.6	7.6	6.6		--- --- --- --- --- --- --- ---		
Overall Avg. = 5.5 EPA Protocol Avg. = 5.9							--- --- --- --- --- --- --- ---		
							0  --- --- --- --- --- --- --- ---	8  --- --- --- --- --- --- --- ---	16  --- --- --- --- --- --- --- ---