



Rainbow Home Inspections, Inc.

Environmental Services – Radon, Mold, Lead, VOC's and Asbestos
125 Deer Forest Road Fayetteville, Ga. 30214

770-461-3408

770-897-6431 (fax)



Member 204002

RADON SCREENING TEST REPORT

Prepared for: Mary and John Doe

Property Location Tested: 123 Anywhere Street USA

Test Dates: 05/14/12 – 05/16/12



**Test Conducted By: Shannon E. Cory
NRPP Technician #102549R**



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Date: 05/16/12

To: Mary and John Doe

Subject: Radon Measurement Results

Property Location Tested: 123 Anywhere Street USA

Weather Conditions During Testing Period: Mixed

Test Dates: 05/14/12 – 05/16/12

Test Results - EPA Protocol Average: 5.8 pCi/L
After Calibrated Correction Factor: 5.7 pCi/L

Attached are the results from the radon measurement test performed at the above location. This test was performed for a 48 hour period (plus or minus 1 hour). When reading the individual numbered results on the tabular data sheet, start at the top left and read to the right. Each section of numbers represents a 12 hour period. A "T" indicates movement; and a "P" indicates power interruption (unit may have been moved during the test). Using this method you can determine which hour of the day the radon level was the highest. At the bottom of the readings, are the Overall Average, EPA Protocol Average and the After Calibrated Correction Average. The measurement graph sheet indicates or shows each radon concentration value in a graph form. If the radon level is below 4.0 pCi/L, no mitigation according to the EPA is necessary. If the after calibrated corrected factor of the radon levels are 4.0 pCi/L or higher, the EPA recommends that indoor radon gas be reduced. NOTE – when making a decision in regards to the mitigation of radon levels from the property, the individual hourly readings and what time of the day the radon peaks above 4.0 pCi/L should be taken into consideration, especially if individual readings and the overall average is on the border line. EXAMPLE – by reading the individual levels, determine if levels are peaking above 4.0 pCi/L at times during the day/night that most family members are present. If these levels are doing this, you should seriously consider mitigation as a health precaution.

Please note that weather and wind conditions may have an effect on the hourly values measured during this Continuous Monitoring Radon Test. Therefore, individual hourly measurements exceeding the EPA recommended average mitigation level should not be interpreted as a failing of the test requirements. Additionally, to allow for instrument and house equilibrium, the first three hours of data from the Continuous Monitor is excluded from the EPA Test Protocol Average (EPA 520-402-R-92-004; EPA1992).

If you need any further assistance in regards to this Radon Measurement Result or if you are in need of a mitigation company, please contact me at the above number.

Thank you,

Shannon E. Cory
NRPP Technician #102549R



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TABULAR DATA – average radon gas concentration during each measurement interval printed in sequential order – read rows from left to right.

Radon Monitor Device: Sun Nuclear Continuous Radon Monitor
 Model: 1027

Start Date: 05/14/2012
 Start Time 9:15:00 AM

End Date: 05/16/2012
 End Time: 9:30:00 AM

Serial # 59831193
 Monitor Location: Basement

Data in pCi/l
 Time Interval 1 Hr

2.6	5.7	6.6
5.7	5.3	7.5
2.1	6.6	3.9
5.7	6.6	6.1

4.3	2.6	6.1
3.9	7.0	5.3
3.5	3.5	7.9
6.6	6.6	8.3

5.7	5.3	5.7
11.0	6.1	7.0
4.3	6.1	7.5
7.5	6.1	4.3

5.3	4.3	6.6
5.7	7.0	3.9
7.0	6.6	4.8
6.6	7.5	7.0

Overall Avg.= 5.8 pCi/L
 EPA Protocol Avg.= 5.8 pCi/L
 After Calibration Correction Factor = 5.7 pCi/L



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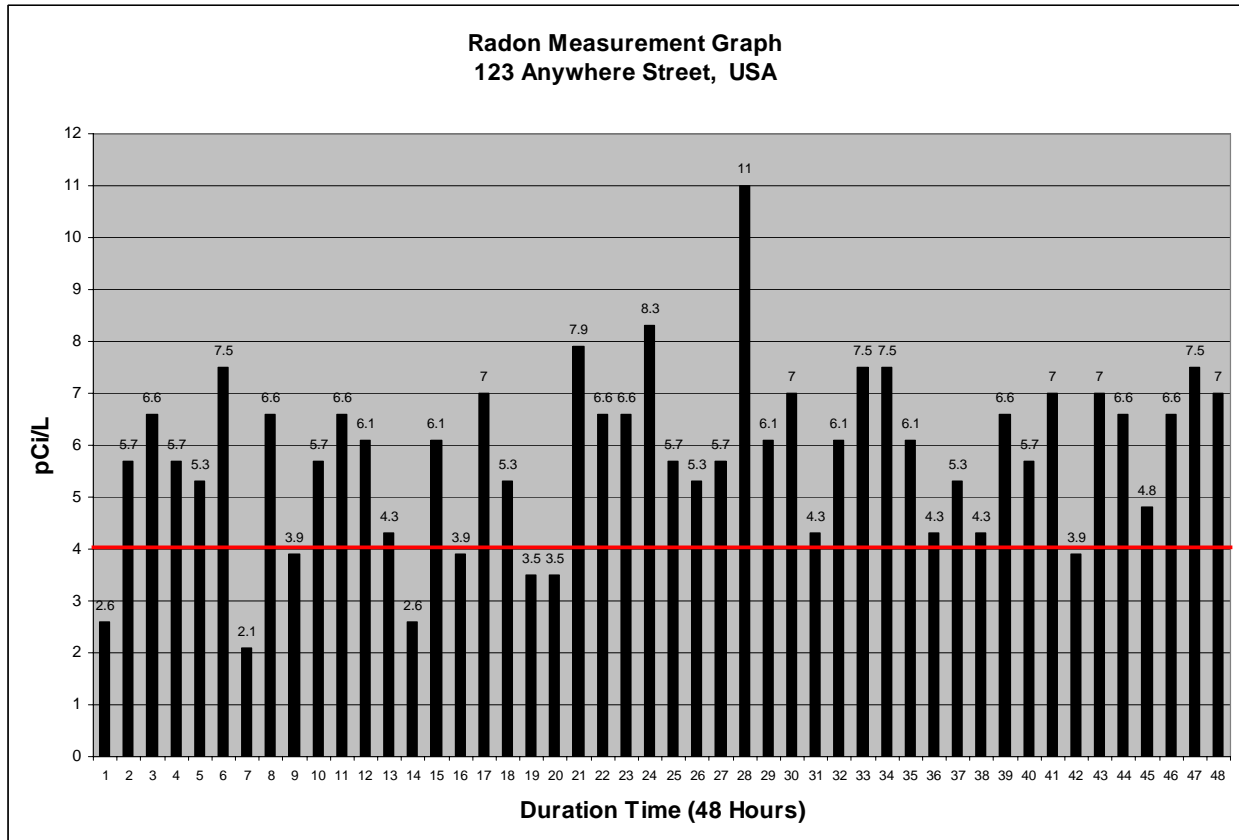
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Measurement Graph – Each radon concentration value is graphically represented in the same order as the tabular printout. Scale is automatically adjusted to show maximum value in pCi/L.



For further information concerning the health risks of radon, please visit EPA's website at <http://www.epa.gov/radon/>