



# Radon Detection Services

a div. of ALLIN Home Inspections, Inc.

www.allinhomeinspections.com

2201 18<sup>th</sup> Place, Sterling, Illinois 61081

Phone: 815-535-0990 or Toll Free: 877-535-0990 Fax: 815-625-1265  
Email: radon@allinhomeinspections.com

September 24, 2007

Joe Smith  
124 Any Street  
Anytown, Anystate 11111

**Inspection Address:** 654 Some Street , Anytown, Anystate 22222

**Account Number:** xxxxxxxxxxxxxxxxx

Dear Joe:

At your request, a Radon test of the above property was performed from 09/22/2007 to 09/24/2007. Radon Detection Services is pleased to submit the enclosed report.

Your attention is directed to your copy of the Radon Test Report. Please read it over carefully and look closely at the Radon Level in the report and the EPA average in the printout that is highlighted in yellow. These are the levels that you need to look at. The charts will help explain what you need to do for the level in the home. If the level is between 2.0 pCi/L and 4.0 pCi/L we recommend that the home be tested again in 2 years if no action is taken at this time.

Thank you for selecting our company. We appreciate the opportunity to be of service. Should you have any questions about the radon level of the house either now or in the future, we would be happy to answer these. There is no fee for this telephone consulting. Our fees are based on a single visit to the property. If additional visits are required for any reason, additional fees may be assessed.

We would also like to remind you, that if you make any changes to the home, you may want to have another test done. Any changes to the structure can change the radon levels.

Sincerely,

Radon Detection Services  
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## Radon Test Report

### CLIENT INFORMATION

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Joe Smith  
124 Any Street  
Anytown, Anystate 11111

### RADON MEASUREMENT LOCATION

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654 Some Street  
Anytown, Anystate 22222

### INSPECTION INFORMATION

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Lab or Manufacturer:	•Sun Nuclear
Device Serial Number(s):	•51711011
Device Type(s):	•CR
Number of Devices Used:	•1
Name of Professional or Technician:	•Michael Musgrave
State License Number:	•RNI2007210

### TEST CONDITIONS

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Foundation Type:	•Poured Concrete
Mitigation system in use:	•No
Below Floor Ventilation:	•No
Test Area:	•Family Room
Test Location:	•Basement
Test Area Closed Prior To Test?	•Yes

### WEATHER CONDITIONS AT TIME OF TEST:

Wind:	•Calm
Rain:	•No
Humidity:	•Low

### TEST RESULTS

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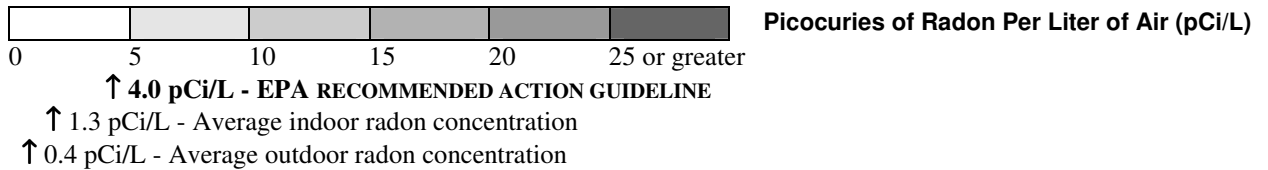
Date / Time Placed: 09/22/2007 2:20 pm Date / Time Removed: 09/24/2007 5:15 pm

**RADON LEVEL: 3.7 pCi/L** (Picocuries of Radon Per Liter of Air)



## EPA RADON RISK INFORMATION

Use the chart below to compare your radon test results with the EPA guideline. The higher a home's radon level, the greater the health risk to you and your family.



**The U.S. Environmental Protection Agency (EPA) and the Surgeon General strongly recommend taking further action when the home's radon test results are 4.0 pCi/L or greater.** The concentration of radon in the home is measured in picocuries per liter of air (pCi/L). Radon levels less than 4.0 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2.0 and 4.0 pCi/L, EPA recommends that you **consider** fixing your home. The national average indoor radon level is about 1.3 pCi/L. The higher a home's radon level, the greater the health risk to you and your family. Smokers and former smokers are at especially high risk. There are straightforward ways to fix a home's radon problem that are not too costly. Even homes with very high levels can be reduced to below 4.0 pCi/L. EPA recommends that you use an EPA or State-approved contractor trained to fix radon problems.

### What do my radon test results mean?

If the radon level is **below 4 pCi/L**, you do not need to take action.

If the radon level is **4 pCi/L or greater**, use the following charts to determine what your test results mean.

NOTE: All tests should meet EPA technical protocols.

#### Chart 1: Radon Test Conducted Outside Real Estate Transaction

Type of Test(s)	If Radon Level Is 4.0 pCi/L or Greater
Single Short-Term Test	<b>Test Again*</b>

\* If your first short term test is several times greater than 4.0 pCi/L - for example, about 10.0 pCi/L or higher - you should take a second short-term test immediately.

#### Chart 2: Radon Test Conducted During a Real Estate Transaction (Buying or Selling a Home)

Type of Test(s)	If Radon Level Is 4.0 pCi/L or Greater
Single Active Short-Term Test (this test requires a machine)	<b>Fix The Home</b>

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## What should I do after testing?

If your radon level is 4.0 pCi/L or greater, you can call the Illinois State radon office (217-782-1325) or visit [http://iema.illinois.gov/iema/radon/RadonCounty\\_Frames.asp](http://iema.illinois.gov/iema/radon/RadonCounty_Frames.asp) to obtain more information, including a list of EPA or State-approved radon contractors who can fix or can help you develop a plan for fixing the radon problem. Reduction methods can be as simple as sealing cracks in floors and walls or as complex as installing systems that use pipes and fans to draw radon out of the building.

EPA has a National Radon Program to inform the public about radon risks, train radon mitigation contractors, provide grants for state radon programs, and develop standards for radon-resistant buildings. EPA works with health organizations, state radon programs, and other federal agencies to make the program as effective as possible.

**For more information about radon, its risks and what you can do to protect yourself, call 1-800-SOS-RADON and request a free copy of EPA's *A Citizen's Guide to Radon*. You may also call the Radon Fix-It Line at 1-800-644-6999 between noon and 8pm Monday through Friday, EST/EDT, for information and assistance. This toll-free line is operated by Consumer Federation of America, a nonprofit consumer organization.**

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Professional  
Radon Monitor

Start Date : 09/22/2007  
Start Time : 2:20:00 PM  
End Date : 09/24/2007  
End Time : 5:15:00 PM  
Serial # : 51711011  
Location : Basement

Signature: xxxxxxxxxxxxxxxx

Data in pCi/l  
Time Interval 1 Hr

1.6	3.6	1.6
3.3	3.0	3.3
4.6	5.0	2.3
2.3	2.3	3.6
4.3	3.0	5.3
6.0	5.3	5.3
6.0	4.6	4.3
3.0	3.6	4.6
4.0	5.6	3.0
2.0	4.0	2.3
4.3	4.6	4.3
2.0	1.6	4.3
3.6	1.6	2.0
5.3	6.0	4.3
4.6	2.6	2.0
3.3	3.0	2.6
4.3	3.0	2.0

Overall Avg.= 3.6

EPA Protocol Avg.= 3.7

0	4	8
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For: Joe Smith