

Continuous Radon Monitor

Model Number: 1028
Calibration Date: 07/15/2011
Monitor Time: 10/27/2011 22:44

Serial Number: 72039017
CF: 2.38

Inspection Company

B. Bowden
Black Hills Inspection Service
7009 Juniper Ct.
Black Hawk, SD-57718
Phone Number: 605-791-2909
License Number: 14810

Billing Information

John Homeowner
1234 Red Clay Rd.
Black Hawk, SD-57718
Phone: 605-999-1234

Site Information

John Homeowner
1234 Red Clay Rd.
Black Hawk, SD-57718
Phone: 605-999-1234

Site & Condition

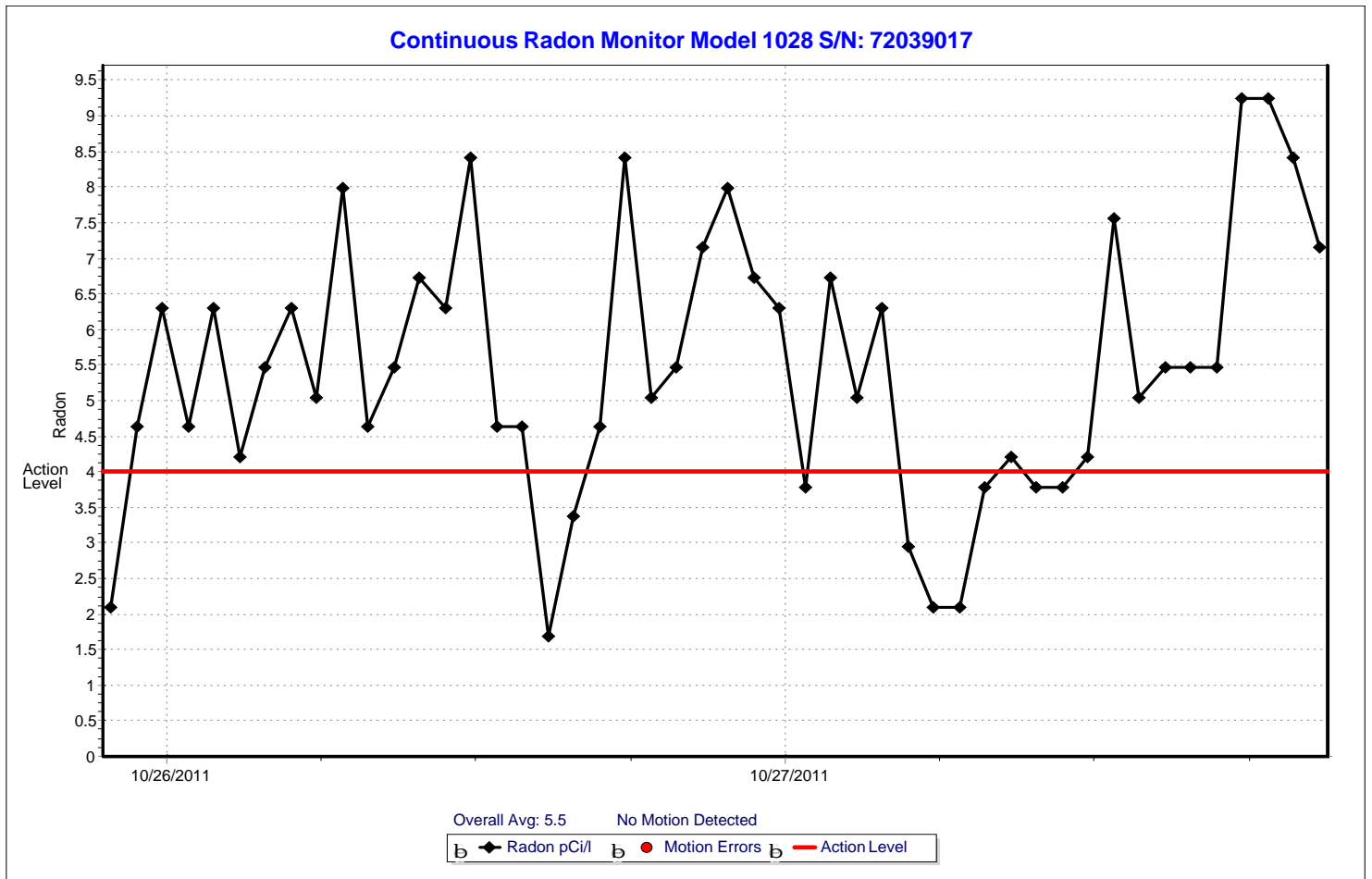
Year Built: 1928
Mitigation System: Not Installed
SqFt: 3200

Atmospheric Condition: Clear and Dry
Structure Type: 1.5 Bung. on baement
Monitor Location: basement bedroom

Test Summary

Start Time: 10/25/2011 20:48
End Time: 10/27/2011 20:48
Measurement Interval(hr): 1.0
Exposure Time: 2 Days 0 hrs

Overall Avg: 5.5 pCi/l
EPA Avg: 5.6 pCi/l



***** 10/25/2011 *****

Time	Counts pCi/l	Flags
21:48	2.1	
22:48	4.6	
23:48	6.3	

***** 10/26/2011 *****

Time	Counts pCi/l	Flags
00:48	4.6	
01:48	6.3	
02:48	4.2	
03:48	5.5	
04:48	6.3	
05:48	5.0	
06:48	8.0	
07:48	4.6	
08:48	5.5	
09:48	6.7	
10:48	6.3	
11:48	8.4	
12:48	4.6	
13:48	4.6	
14:48	1.7	
15:48	3.4	
16:48	4.6	
17:48	8.4	
18:48	5.0	
19:48	5.5	
20:48	7.1	
21:48	8.0	
22:48	6.7	
23:48	6.3	

***** 10/27/2011 *****

Time	Counts pCi/l	Flags
00:48	3.8	
01:48	6.7	
02:48	5.0	
03:48	6.3	
04:48	2.9	
05:48	2.1	
06:48	2.1	
07:48	3.8	
08:48	4.2	
09:48	3.8	
10:48	3.8	

***** 10/27/2011 *****

Time	Counts pCi/l	Flags
11:48	4.2	
12:48	7.6	
13:48	5.0	
14:48	5.5	
15:48	5.5	
16:48	5.5	
17:48	9.3	
18:48	9.3	
19:48	8.4	
20:48	7.1	

Error Flags:

M Motion:

Inspector Signature _____

PC Software Version: 2.2.0

Embedded Software Version: 107

Radon Risk Information

Radon is the second leading cause of lung cancer, after smoking. The US EPA and Surgeon General strongly recommend taking further action when a homes 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 the home is between 2.0 and 4.0 pCi/l, the EPA still recommends that you consider fixing the home. The average indoor radon level is estimated to be about 1.3 pCi/l; roughly 0.4 pCi/l of radon is normally found in the outside air. The higher the home radon level, the greater the health risk. Even homes with very high radon levels can be reduced to below 4.0 pCi/l and many homes can be reduced to 2.0 pCi/l or less.

Understanding Time-Sensitive Testing Protocols

Continuous Monitor Results:

Single test result average 4.0 pCi/l or more

Fix the home

Single test result average between 2.0 and 4.0 pCi/l

Consider fixing the home

Less than 4.0 pCi/l: confirm the low result by testing again at least every two years and whenever significant changes to the home structure or mechanical systems occur.

Test during different seasons and different weather conditions to reduce your risk of exposure.
