Information on your Radon in Air test:

The report of the radon in air test of 32 Orchard Dr., Stow, MA is contained on the following pages. The test was performed using a Sun Nuclear Continuous Radon Monitor, an EPA approved test device.

Levels of radon gas are measured in picoCuries per liter (pCi/l). The national average for radon outdoors is approximately 0.4 pCi/l, and the national average indoors is about 1.3 pCi/l. Following a short term test such as this, if an indoor "EPA Protocol Average" radon in air level of 4.0 pCi/l or higher was detected, the EPA recommends that further action be considered. If levels above the EPA "action level" are detected, and you have questions, feel free to contact us at Clearview Home Inspection, or your State or Federal radon office (www.epa.gov/radon). The EPA has an informative guide entitled: A Citizens Guide To Radon – The Guide to Protecting Yourself and Your Family From Radon. This publication can be reviewed online at: www.epa.gov/radon/pubs/citguide.html

When reviewing the report the test time parameters and monitor placement location is shown at the top of the report. Below this is the number grid, which reads left to right, and shows the average radon level for each hour of the test period in picocuries per liter (pCi/L). The bar graph below corresponds to these numbers.

Below the number grid are the test averages. The Overall Average is the average of all the readings taken during the test. The "EPA Protocol Average" disregards the first 4 hours of the test and averages the remainder of the readings. The first 4 hours are considered a time for the monitor to adjust or come to equilibrium within the home. The Overall Average and the EPA Protocol Average may be the same, or may differ slightly. In either case, the EPA Protocol Average is the average we use as the true average. The result of this test was an EPA Protocol Average of 16.4 pCi/L. According to the EPA, no level of radon is safe. The EPA recommends that if following a short term test such as this the EPA Protocol Average for radon is 4.0 pCi/L or higher, efforts to reduce the level should be considered. For further information on EPA recommendations regarding this level of radon in the home, refer to the EPA publication mentioned above and consult the chart in the section titled "The Risk of Living with Radon".

ClearView Home Inspection cannot guarantee that necessary conditions were maintained during the test period. There can be variations in any radon measurement due to changes in the weather and operation of the dwelling.

ClearView Home Inspection www.clearviewhomeinspect.com (978)794-3400 * (978)328-2591 (Mobile)

Professional Radon Monitor

Start Date : 12/30/2017 Start Time : 9:45:00 AM End Date : 1/1/2018 End Time : 11:15:00 AM Serial # : 85811017 Location : Basement

Signature:

Data in pCi/l Time Interval 1 Hr

9.2	13.0	14.2
15.2	12.0	19.0
14.2	15.2	14.6
17.0	14.2	16.0
19.2	19.0	18.6
19.0	18.2	22.0
19.2	17.0	22.6
18.0	16.6	11.2
12.6	14.2	16.6
13.0	15.2	13.6
14.6	12.6	11.6
18.0	18.2	14.2
16.0	15.0	14.2
11.0	16.2	15.2
17.2	20.0	21.0
21.0	16.2	19.0

Overall Avg.=16.2 EPA Protocol Avg.=16.4

14.2

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Radon in Air: 32 Orchard Dr. Stow, MA