

Sun Nuclear Radon Sentinel© Continuous Radon Monitor

Site Address:

Mr. and Mrs. Older Home
8700 Any Older Home Street
Any Town, CO 80000

Inspection Date:

4/29/2014 10:05 AM

Report Prepared For:

Mr. and Mrs. Older Home

Report Prepared By:

Seven Stars Home Advisors
6839 W. Jackson Creek Road
Sedalia, CO 80135
303-660-6360

License Number:

Sun Nuclear Radon Sentinel© Continuous Radon Monitor

Model Number: 1030

Serial Number: 88759016

Calibration Date: 3/5/2014

Calibration Factors: [1: 2.9] [2: 2.85] [3: 2.9] [4: 2.89] [5: 2.93] [6: 2.85]

Test Summary:

Start Time: 4/29/2014 10:05 AM

Units: pCi/l

Hours Delayed: 0 Hour(s)

Test Duration: 48 Hour(s)

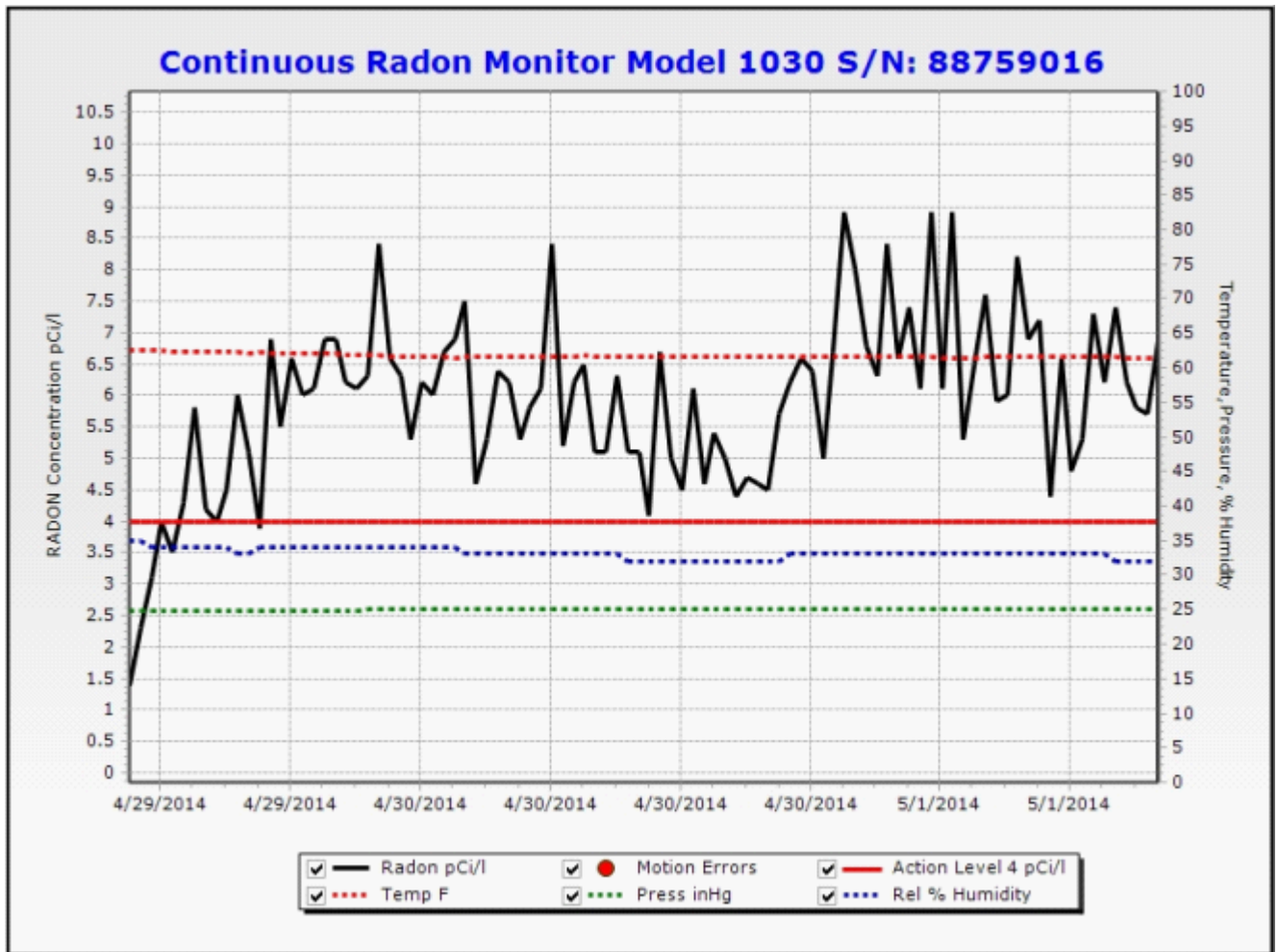
Measurement Interval: 0.5 Hour(s)

Measurements: 96

Mitigation System is not installed on property.

Overall Average: 5.9 pCi/l

EPA Average: 6.1 pCi/l



| Date/Time | | pCi/l | Temp(F) | Press(inHg) | Humidity(%) | Flags |
|-----------|----------|-------|---------|-------------|-------------|-------|
| 4/29/2014 | 10:35 AM | 1.40 | 62.60 | 24.8 | 35.0 | 0 |
| 4/29/2014 | 11:05 AM | 2.30 | 62.60 | 24.8 | 35.0 | 0 |
| 4/29/2014 | 11:35 AM | 3.10 | 62.60 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 12:05 PM | 4.00 | 62.60 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 12:35 PM | 3.50 | 62.40 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 1:05 PM | 4.30 | 62.40 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 1:35 PM | 5.80 | 62.40 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 2:05 PM | 4.20 | 62.20 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 2:35 PM | 4.00 | 62.20 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 3:05 PM | 4.50 | 62.20 | 24.8 | 34.0 | 0 |
| 4/29/2014 | 3:35 PM | 6.00 | 62.20 | 24.8 | 33.0 | 0 |
| 4/29/2014 | 4:05 PM | 5.10 | 62.10 | 24.8 | 33.0 | 0 |
| 4/29/2014 | 4:35 PM | 3.90 | 62.20 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 5:05 PM | 6.90 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 5:35 PM | 5.50 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 6:05 PM | 6.60 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 6:35 PM | 6.00 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 7:05 PM | 6.10 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 7:35 PM | 6.90 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 8:05 PM | 6.90 | 62.10 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 8:35 PM | 6.20 | 61.90 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 9:05 PM | 6.10 | 61.90 | 24.9 | 34.0 | 0 |
| 4/29/2014 | 9:35 PM | 6.30 | 61.90 | 25.0 | 34.0 | 0 |
| 4/29/2014 | 10:05 PM | 8.40 | 61.90 | 25.0 | 34.0 | 0 |
| 4/29/2014 | 10:35 PM | 6.60 | 61.70 | 25.0 | 34.0 | 0 |
| 4/29/2014 | 11:05 PM | 6.30 | 61.70 | 25.0 | 34.0 | 0 |
| 4/29/2014 | 11:35 PM | 5.30 | 61.70 | 25.0 | 34.0 | 0 |
| 4/30/2014 | 12:05 AM | 6.20 | 61.70 | 25.0 | 34.0 | 0 |
| 4/30/2014 | 12:35 AM | 6.00 | 61.50 | 25.0 | 34.0 | 0 |
| 4/30/2014 | 1:05 AM | 6.70 | 61.50 | 25.0 | 34.0 | 0 |
| 4/30/2014 | 1:35 AM | 6.90 | 61.30 | 25.0 | 34.0 | 0 |
| 4/30/2014 | 2:05 AM | 7.50 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 2:35 AM | 4.60 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 3:05 AM | 5.30 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 3:35 AM | 6.40 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 4:05 AM | 6.20 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 4:35 AM | 5.30 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 5:05 AM | 5.80 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 5:35 AM | 6.10 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 6:05 AM | 8.40 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 6:35 AM | 5.20 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 7:05 AM | 6.20 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 7:35 AM | 6.50 | 61.90 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 8:05 AM | 5.10 | 61.70 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 8:35 AM | 5.10 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 9:05 AM | 6.30 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 9:35 AM | 5.10 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 10:05 AM | 5.10 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 10:35 AM | 4.10 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 11:05 AM | 6.70 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 11:35 AM | 5.00 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 12:05 PM | 4.50 | 61.50 | 25.0 | 32.0 | 0 |

| Date/Time | | pCi/l | Temp(F) | Press(inHg) | Humidity(%) | Flags |
|-----------|----------|-------|---------|-------------|-------------|-------|
| 4/30/2014 | 12:35 PM | 6.10 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 1:05 PM | 4.60 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 1:35 PM | 5.40 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 2:05 PM | 5.00 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 2:35 PM | 4.40 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 3:05 PM | 4.70 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 3:35 PM | 4.60 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 4:05 PM | 4.50 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 4:35 PM | 5.70 | 61.50 | 25.0 | 32.0 | 0 |
| 4/30/2014 | 5:05 PM | 6.20 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 5:35 PM | 6.60 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 6:05 PM | 6.40 | 61.50 | 25.0 | 33.0 | 0 |
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| 4/30/2014 | 7:05 PM | 6.70 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 7:35 PM | 8.90 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 8:05 PM | 8.00 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 8:35 PM | 6.80 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 9:05 PM | 6.30 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 9:35 PM | 8.40 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 10:05 PM | 6.60 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 10:35 PM | 7.40 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 11:05 PM | 6.10 | 61.50 | 25.0 | 33.0 | 0 |
| 4/30/2014 | 11:35 PM | 8.90 | 61.50 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 12:05 AM | 6.10 | 61.30 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 12:35 AM | 8.90 | 61.30 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 1:05 AM | 5.30 | 61.30 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 1:35 AM | 6.50 | 61.30 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 2:05 AM | 7.60 | 61.50 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 2:35 AM | 5.90 | 61.50 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 3:05 AM | 6.00 | 61.50 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 3:35 AM | 8.20 | 61.50 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 4:05 AM | 6.90 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 4:35 AM | 7.20 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 5:05 AM | 4.40 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 5:35 AM | 6.60 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 6:05 AM | 4.80 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 6:35 AM | 5.30 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 7:05 AM | 7.30 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 7:35 AM | 6.20 | 61.70 | 25.0 | 33.0 | 0 |
| 5/1/2014 | 8:05 AM | 7.40 | 61.50 | 25.0 | 32.0 | 0 |
| 5/1/2014 | 8:35 AM | 6.20 | 61.30 | 25.0 | 32.0 | 0 |
| 5/1/2014 | 9:05 AM | 5.80 | 61.30 | 25.0 | 32.0 | 0 |
| 5/1/2014 | 9:35 AM | 5.70 | 61.30 | 25.0 | 32.0 | 0 |
| 5/1/2014 | 10:05 AM | 6.90 | 61.30 | 25.0 | 32.0 | 0 |

Over All Average:5.9 pCi/l EPA Average:6.1 pCi/l

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

It is necessary to fix the home when a single test averages 4.0 pCi/l or more.
It is a good idea to fix the home when a single test averages between 2.0 and 4.0 pCi/l.
If a test result averages less than 4.0 pCi/l, it is recommended to 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.