

# NATIONAL INSPECTION SERVICES

## *Residential*

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July 29, 2010

Shahin Davani  
Po Box 270352  
Fort Collins, CO 80527

**Re: Radon Results – 1700 Larch Street, Fort Collins, Colorado**

**RADON CONCENTRATION: 6.2 pCi/liter air +/- .05**

At your request we conducted a Radon/Radon decay products inspection and screening test, which covered a period of up to 48 hours at the above address. This test took into account the type of changes typical of Radon soil gas behavior in a residential environment, in accordance with EPA protocol, documented via a continuous radon gas monitoring device, which was carefully placed at this property by our technician. Instructions were left that this monitoring instrument was not to be handled or touched in any manner. Specific instructions regarding the immediate environment surrounding our equipment were also left. Every effort and care has been exercised to provide a complete and accurate Radon decay product level test at this property. This test was conducted in accordance with recommendations contained in a March 1989 EPA document and subsequent revisions entitled, “*Indoor Radon and Radon Decay Product Measurement Protocols*”, specifically, Section 2, “*Radon Measurement Protocols*.”

The results from this survey indicate that the Radon concentration for the sampling location is **higher than 4 pico curies per liter**. The current E.P.A. (Environmental Protection Agency) guidelines indicate **that corrective action should be considered when Radon concentration levels reach/are higher than 4 pico Curies per liter of air for any sample location**.

Based on these results, **in our opinion and pursuant to EPA protocol, there is a need to reduce these levels**. We recommend that you contact, without delay, a qualified Radon mitigation contractor. Retesting will be required once remedial measures are implemented. Please call us to schedule additional testing.

Radon levels have been known to change greatly from season to season due to weather changes. Although there is a high probability that Radon levels in this home will remain consistent throughout the year, there is no guarantee of this based on our set of Radon tests. Radon is a decay product of Uranium. Uranium can partially dissolve in water and can be relocated with changes in the water table. This factor contributes to changes in the location of high Radon concentration levels over time.

To fully guarantee that this home has acceptable levels of Radon in the future, we recommend that you retest if you still own the property after one year. Please feel free to contact us if you have any questions or require further testing services.

Sincerely,

*Dave Tokarz*

**David C. Tokarz, President**

*Professional Radon Measurement Provider*

**National Inspection Services - Residential**

*an affiliate of Synergy Enterprises, Inc.*

