Delta Residential, LLC
P.O. Box 19365
Raleigh, NC 27619
919-868-6981

Radon Inspection Report

Test Location:

Daniel Ryan
13616 New Light Rd
Raleigh, NC
Daniel.patrick.ryan@gmail.com
919.434.1638
Bldg. Type: Residential Single Family

Test For:

Daniel Ryan
13616 New Light Rd
Raleigh, NC
Daniel.patrick.ryan@gmail.com
919.434.1638
Type: Pre-Mitigation

Inspected By:

Aric Way THITCINR-00287
P.O. Box 19365
Raleigh, NC 27619
919-868-6981

Test Result: Pass

Overall Average: **1.1 pCi/l**

EPA Average: **1.1 pCi/l**

Test Device Details:

Serial Number:	263525020
Model Number:	1028XP
Last Calibration:	02/12/2025
Next Calibration:	02/12/2026
Cal-Factors:	2.35
Motion Error:	No

Test Site Condition:

Structure Type:	Two story (crawl)
Mitigation Sys:	Not Installed

Test Summary:

CRM Location:	Start:	Stop:	Interval:	Duration:
Great room	02/06/2026 12:28 PM	02/08/2026 12:28 PM	1 hr	48 hr

*First 4 hrs of data excluded	Min:	Max:	Average:	Measurement Units:
Radon Concentration:	0.0	3.8	1.1	pCi/l

Comments:

Indoor air Radon test

Lic/Cert Signature

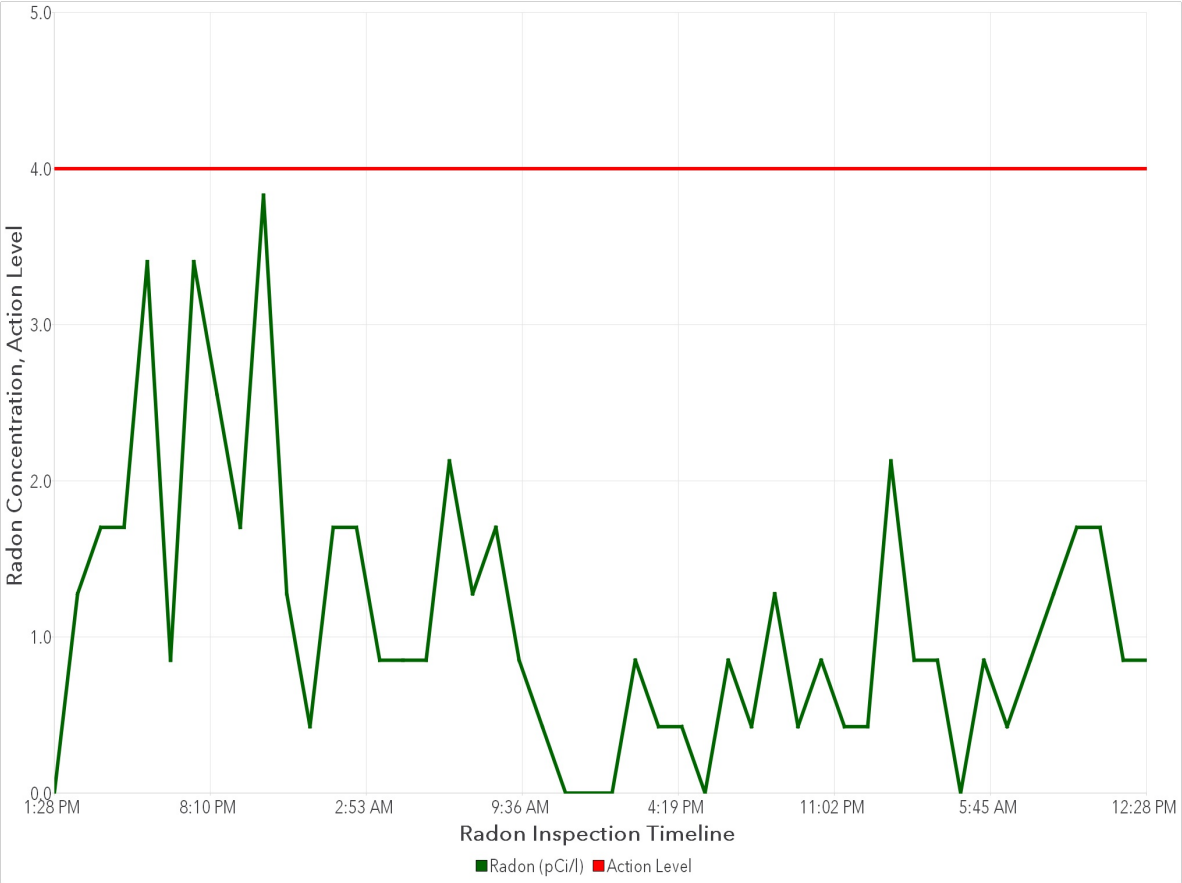
Inspection Report Date: 02/10/2026

Test device manufactured by SunRADON, LLC

OneRADON™ Version 2.3.12

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Radon Inspection Chart



Test Result: Pass

Test Location: 13616 New Light Rd Raleigh, NC

Inspection Report Date: 02/10/2026

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Test Checklist

- ☑ The location of the detector was selected so the detector was not to be disturbed during testing.
- ☑ The monitor was not placed in an area of high humidity such as: Kitchen, laundry room, cellar, spa room, garage, crawl space or sump area.
- ☑ The detector was not located near drafts caused by HVAC vents, windows and doors.
- ☑ Whole house fans were turned off during the testing.
- ☑ The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- ☑ Portable window fans were removed or sealed in place prior to testing.
- ☑ The detector was placed within the breathing zone of at least 20 inches to 6 feet above the floor and at least 1 foot below the ceiling if suspended.
- ☑ Window air conditioners were operable in recirculation mode only.
- ☑ The detector was not placed within 1 foot of outside walls of the home or within 3 feet of any windows or doors to the exterior of the home.
- ☑ Ceiling fans, portable dehumidifiers, portable humidifiers, portable air filters, and all window air conditioners are not operated within 20 feet of the detector.

Test Result: Pass

Test Location: 13616 New Light Rd Raleigh, NC **Inspection Report Date:** 02/10/2026

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
02/06/26 01:28 PM	0.0	-
02/06/26 02:28 PM	1.3	-
02/06/26 03:28 PM	1.7	-
02/06/26 04:28 PM	1.7	-
02/06/26 05:28 PM	3.4	-
02/06/26 06:28 PM	0.9	-
02/06/26 07:28 PM	3.4	-
02/06/26 08:28 PM	2.6	-
02/06/26 09:28 PM	1.7	-
02/06/26 10:28 PM	3.8	-
02/06/26 11:28 PM	1.3	-
02/07/26 12:28 AM	0.4	-
02/07/26 01:28 AM	1.7	-
02/07/26 02:28 AM	1.7	-
02/07/26 03:28 AM	0.9	-
02/07/26 04:28 AM	0.9	-
02/07/26 05:28 AM	0.9	-
02/07/26 06:28 AM	2.1	-
02/07/26 07:28 AM	1.3	-
02/07/26 08:28 AM	1.7	-
02/07/26 09:28 AM	0.9	-
02/07/26 10:28 AM	0.4	-
02/07/26 11:28 AM	0.0	-
02/07/26 12:28 PM	0.0	-
02/07/26 01:28 PM	0.0	-
02/07/26 02:28 PM	0.9	-
02/07/26 03:28 PM	0.4	-
02/07/26 04:28 PM	0.4	-
02/07/26 05:28 PM	0.0	-
02/07/26 06:28 PM	0.9	-
02/07/26 07:28 PM	0.4	-
02/07/26 08:28 PM	1.3	-
02/07/26 09:28 PM	0.4	-
02/07/26 10:28 PM	0.9	-
02/07/26 11:28 PM	0.4	-
02/08/26 12:28 AM	0.4	-
02/08/26 01:28 AM	2.1	-
02/08/26 02:28 AM	0.9	-
02/08/26 03:28 AM	0.9	-
02/08/26 04:28 AM	0.0	-
02/08/26 05:28 AM	0.9	-
02/08/26 06:28 AM	0.4	-
02/08/26 07:28 AM	0.9	-
02/08/26 08:28 AM	1.3	-

Test Result: Pass

Test Location: 13616 New Light Rd Raleigh, NC

Inspection Report Date: 02/10/2026

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
02/08/26 09:28 AM	1.7	-
02/08/26 10:28 AM	1.7	-
02/08/26 11:28 AM	0.9	-
02/08/26 12:28 PM	0.9	-

Test Result: Pass

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Radon Test Information

Radon Risk Information

Radon causes lung cancer by means of the decay of its daughter products after breathing in air contaminated with higher levels of Radon. The World Health Organization (WHO) estimates that 15% of lung cancers worldwide are caused by exposure to elevated indoor levels of Radon. Overall, radon is the second leading cause of lung cancer responsible for about 21,000 lung cancer deaths every year in the US alone. Radon gas is the number one cause of lung cancer among non-smokers. The U.S. Environmental Protection Agency (EPA), the U.S. Surgeon General, and the Center for Disease Control and Prevention (CDC) strongly recommend that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy and recommend having the radon levels professionally mitigated if elevated radon concentrations are found.

Understanding Radon Test Results

Recommended Action Levels vary by country and typically range from 3 pCi/l (100 Bq/m3) to 8 pCi/l (300 Bq/m3). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 48h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- At or above 4.0 pCi/l (148 Bq/m3): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi/l (74-148 Bq/m3): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (74 Bq/m3): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

Test Result: Pass

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