RP250612086

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NH ELAP Accreditation #NH1005

NELSON ANALYTICAL LAB

Maine State Certification #NH01005
Vermont State Cerfication # VT1005
Maine Radon Certification # ME17500
Massachusetts State Certification #M-NH1005

Report of Analysis

Client Name: Advanced Radon Mitigation
Client Sample ID: 289 Piscassic Road
Laboratory ID: 125061337.01
Collected By: ARM
Sample Location: 289 Piscassic Road, Newfields, NH (Basement)

Date Received: 06/11/2025
Start Date and Time: 06/02/2025 11:45 AM
End Date and Time: 06/04/2025 11:54 AM

Parameter	Result	Units	Date Analyzed	Test Method	Test Analyst
Radon in Air	12.5	pCi/L	06/12/2025	EPA/LS	NF
Radon in Air	11.6	pCi/L	06/12/2025	EPA/LS	NF
Radon in Air Average	12.1	pCi/L	06/12/2025	EPA/LS	NF

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EPA Limit = 4 pci/L.

The EPA recommends a follow-up test in the same location as the first test if a result of 4.0 pci/L or greater is obtained, and recommends taking action to reduce Radon levels if the average of both is 4 pci/L or greater. Vials placed side by side according to EPA recommendations should have less than a 20% difference between vials. A difference larger than 20% indicates a problem may have occured.

Radon test results may be affected if any of the following apply:

- Test conditions did not meet EPA recommendations as indicated in the Radon in Air Test Kit instructions supplied by Nelson Lab.
- Testing was conducted during severe storms or periods of high winds.
- Test starting or ending dates or times are inaccurate.

According to the EPA, the average Radon level in outdoor air is approximately 0.4 pci/L, and the national average for indoor air is 1.3 pci/l.

The average Radon level of over 15,000 samples processed by Nelson Analytical Lab from 2009 to 2013 was 5.2 pci/L, with the highest level measured at 769 pci/L.

For more information regarding Radon, please visit EPA's website at www.epa.gov/iaq/radon/

Respectfully Submitted :

Andrew Nelson, Laboratory Director

Notes: mg/L=ppm; ug/L=ppb; ng/L=ppt, "<" denotes "less than". This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Certification Program, and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. #-Sample(s) received at laboratory do not meet method specified temperature criteria.
Solid samples are reported on a dry weight basis unless noted otherwise.
For accreditation status at the time of sample analysis, or for information on subcontract laboratories, please contact Nelson Analytical.
Subcontract Laboratories: SUB2: Nelson Analytical Maine NH2018 SUB 7: Nelson Analytical EAI Div. NH1007, SUB3: 2062 SUB4:2073/2239, SUB5:NH2530, SUB8:NH2136,
https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf
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