

Mr. E  
C.  
Neale  
Co Mayo

16/06/2010

Dear Sir / Madam,

I wish to advise you of the results of the radon measurements carried out in your home recently. Radon concentration is measured in becquerels per cubic metre ( $\text{Bq/m}^3$ ). The results of the individual measurements made in your property are as follows:

	<b><math>\text{Bq/m}^3</math></b>
<b>Main Living Area</b>	<b>501</b>
<b>Bed Room</b>	<b>255</b>

Radon conditions vary from season to season. When determining the annual average radon concentration it is therefore necessary to take account of the months during which the measurements were made. When these measurements are adjusted accordingly, the seasonally adjusted average radon concentration in your home throughout the year is

**$350 \text{ Bq/m}^3$** .

Since your seasonally adjusted average is above the National Reference Level of  $200 \text{ Bq/m}^3$  we advise that remedial action should be taken as soon as possible.

You can find an excellent guide to radon remediation methods on the Solutions page of our website [www.radon.ie/solution.html](http://www.radon.ie/solution.html) - it is called the "Radon Manual". When you have had a chance to look through this manual then please feel free to call us to discuss the best way to commence your radon remedial works.

Yours sincerely,

*Ger Lally.*



# Radiological Protection Institute of Ireland

An Institiúid Éireannach um Chosaint Raideolaíoch



## Radon Measurement Report

Mr. E. [redacted]	Measurement Address:
Cr. [redacted]	Cr. [redacted]
Neale	Neale
Co Mayo	Co Mayo
Mayo	Mayo
Co. Mayo	Co. Mayo

Report Date:	21 Mar 11	Report Reference:	1 [redacted]
Building Reference:	W [redacted]	Measurement Period:	13 Nov 10 - 13 Feb 11

Detector Number	Analysis Date	Location	Radon Concentration (Bq/m <sup>3</sup> )
263512	21 Mar 11	Living area	239
263513	21 Mar 11	Bedroom	119
<b>Seasonally adjusted annual average in building</b>			<b>162</b>

Since the seasonally adjusted annual average radon concentration in air in this home is below the national reference level of 200 Bq/m<sup>3</sup>, the RPII advises that, on the basis of these results, no further action is necessary.

Report issued by:

*Veronica Smith*

**Veronica Smith**  
Manager, Measurement Services

- Notes:
1. Measurement type; CR39 Passive detector.
  2. Results are valid only if the detectors were placed in accordance with the RPII's instructions.
  3. This report shall not be reproduced, except in full, without the approval of the RPII.
  4. Annual average radon concentrations are calculated in accordance with the RPII's standard protocol.
  5. The minimum reporting level is 10 Bq/m<sup>3</sup>
  6. The results refer only to the above measurement address for the specified measurement period.
  7. Any opinions and interpretations expressed herein are outside the scope of accreditation