

ASHWOOD SCHOOL DISTRICT #8
18624 NE MAIN
ASHWOOD OR 97001

BY Kansas State University
REPORT RECEIVER(S)
KANSAS STATE UNIVERSITY
ASHWOOD SCHOOL DISTRICT #8

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²) following the guidance given in EPA 402-R-92-003.

The detector(s) arrived to Radonova Laboratories AB **12/16/2019**.
They were measured **12/23/2019**.

Test data have been given by LORI SCHRYVER

Property data and address

MEASURE SITE ADDRESS
ASHWOOD SCHOOL DISTRICT #8
18624 NE MAIN
ASHWOOD OR 97001

BUILDING ID

TYPE OF BUILDING: Other BUILDING YEAR: 1965 FOUNDATION TYPE: Slab on grade PURPOSE OF TEST: Follow Up

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	ROOM TYPE	FLOOR	RADON RESULT
959100-9	09/10/2019 – 12/10/2019	CLASSROOM #1	Non-living area	Ground	7.4 ± 1.0 pCi/L
240698-1	09/10/2019 – 12/10/2019	CLASSROOM #2	Non-living area	Ground	6.6 ± 0.9 pCi/L

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories AB Laboratory Measurement Specialist

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RADONOVA INC.

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Measurement method: Closed alpha-track detector (Radtrak²®)

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in EPA 402-R-92-003. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later counted in a microscope in order to determine the radon exposure.

Radonova Laboratories AB (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. NRPP Licenses: 107831 AL, 107830 RT

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of 4.0 ± 0.5 pCi/L means that the radon concentration is most likely contained in the range 3.5 - 4.5 pCi/L. If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in pCi*days/L will be reported. The reported measured values are related to the detectors as received by Radonova Laboratories AB. Detector deployment is not performed by Radonova Laboratories AB. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories AB by the end user.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Radon measurements in the US

The United States Environmental Protection Agency (EPA) recommends remediation if the results of one long-term test or the average of two short-term tests conducted in the lowest lived-in level of the home report at or above 4.0 pCi/L. The average yearly residential indoor radon level in the US is estimated to be around 1.3 pCi/L. Long-term tests are conducted for more than 90 days. Short-term tests are conducted between 2 and 90 days and should be performed under closed building conditions. If an initial short-term test result is less than 4 pCi/L, a follow-up measurement is probably not needed. If an initial short-term test result is greater than 10 pCi/L, a short-term follow-up measurement is recommended in order to get a fast result. If an initial short-term test result is between 4 pCi/L and 10 pCi/L, a long-term or a short-term follow-up measurement is recommended.

For more information about the interpretation of your test results or about other radon related issues we suggest contacting your state radon office.

Your state radon office should have the available EPA publications:

- A Citizen's Guide to Radon
- Home Buyer's and Seller's Guide to Radon
- Consumer's Guide to Radon Reduction

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories AB hereby certifies that the measurement procedures follows the guidance in accordance with EPA 402-R-92-003 and that the demands from SWEDAC are fulfilled.

Certification no:

107831-AL, 107830-RT, NRSB ARL1904



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