



School Radon Testing Reporting Form

General Instructions

According to MS 123B.571, radon testing conducted in public school buildings eligible for health and safety (i.e., not charter schools) must be reported to the Minnesota Department of Health.

For the purpose of this form, a building is defined as an occupied facility that has a unique address, including administrative buildings. A building could be a single structure or a complex of structures. For reference, all district owned buildings entered on the Minnesota Department of Education "Facilities Age and Square Footage Report" should be utilized.

Please submit information about the most recent round or cycle of testing conducted for each building, unless this was already reported to MDH in the 4/4/11 survey. We do not need details of prior rounds of testing.

1. Submit summary information and raw data if either of the following apply:
 - a. Radon testing has been completed in a building since the MDH 'School Radon Testing Survey' dated April 4, 2011, or
 - b. Radon testing was completed at some time previously and your district did not report radon testing in the MDH 'School Radon Testing Survey' dated April 4, 2011.
2. Complete one survey for each building tested
3. Submit the survey, raw data (e.g., laboratory analysis report) and a building map to MDH by email, to health.indoorair@state.mn.us
4. If follow-up testing, mitigation, and/or post-mitigation testing is not yet completed, please submit a completed form and raw data when the work is completed.

Contact Person for this Form

Name: DAVID MOREDOCK

Phone: 651-425-6294

Email: dmoredoc@sowashco.org

Mailing Address: 7362 E. POINT DOUGLAS RD S. COTTAGE GROVE, MN
55016

Radon Results for Each School Building

1. District Name & Number: SOUTH WASHINGTON COUNTY, TSD 833

2. School Building Name: ARMSTRONG ELEMENTARY

3. School Building Address: 8855 INWOOD AVE S, COTTAGE GROVE, MN 55016

4. What type of test kit was used? Manufacturer: ACCUSTAR Device name: Liquid Scintillation

Comments: N/A

5. When were the test kits retrieved? 01/16 (month/year)
More than one date can be entered if parts of buildings were tested at different times

Comments: N/A

6. How long were the test kits deployed in the rooms? 3 (days)
More than one number can be noted if durations varied

Comments: N/A

7. Was testing conducted over:
a. Weekends? Yes ___ No b. Holidays or Breaks? Yes ___ No

Comments: N/A

8. Were all frequently-occupied rooms in contact with the ground tested? Yes ___ No
This includes: 1) rooms on grade and; 2) rooms above unoccupied spaces that are in contact with the ground, such as rooms above storage rooms, crawl spaces, tunnels, and boiler rooms. If only a sample or portion of rooms were tested, then respond with 'no'.

Comments: RANDOM SAMPLE OF ROOMS

9. How many frequently-occupied rooms were tested? 12

Comments: N/A

10. How many frequently-occupied rooms were at or above four picocuries per liter (≥ 4 pCi/L)? 0

Comments: N/A

11. Were test results reported at a school board meeting? Yes No ___
If results will be reported at the next meeting, note in comments the month and year of the scheduled meeting in the comments section.

Comments: 02. 18. 16

If one or more rooms ≥ 4 pCi/L, complete Questions 12-14.

12. How many of the rooms ≥ 4 pCi/L had follow-up testing results that were:

- a. ≥ 4 pCi/L _____ b. < 4 pCi/L _____ c. not tested _____

'Follow-up' testing means testing done, prior to any radon mitigation, to confirm or verify initial test results in those rooms ≥ 4 pCi/L are, in fact, ≥ 4 pCi/L. If a continuous radon monitor (CRM) was used, indicate concentration during occupied times. If no follow-up testing was done, write the number of rooms not tested. If follow-up testing will be done in the future, note in comments the planned month and year in the comments section.

Comments: _____

13. How many of the rooms ≥ 4 pCi/L:

- a. were mitigated? _____ b. had other corrective measures? _____

'Mitigated' means building changes such as adjusting the existing HVAC system, increasing fresh air ventilation rate, balancing air flow to rooms, or other such modifications. 'Other corrective measures' could include moving staff out of a room and making a room unoccupied or trying to seal radon entry points. If mitigation or other corrective measure(s) will be completed in the future, note in comments the planned month and year in the comments section.

Comments: _____

14. How many rooms re-tested after mitigation were:

- a. ≥ 4 pCi/L _____ b. < 4 pCi/L _____ c. not tested _____

If post-mitigation re-testing will be completed in the future, note the planned month and year in the comments section.

Comments: _____

N
A

NELAC NY 11769
NRPP 101193 AL
NRSB ARL0017

EPA Method #402-R-92-004
Liquid Scintillation
NRPP Device Code 8088
NRSB Device Code 12193

Laboratory Report for:

Property Tested: Project # 16-01-01

South Washington County Schools
7362 East Point Douglas Road South
Cottage Grove MN 55016

Armstrong Elementary
8855 Inwood Avenue South
Cottage Grove MN 55016

Log Number	Device Number	Test Exposure Duration:	Area Tested	Result (pCi/L)
1885869	3097581	01/25/2016 4:50 am 01/28/2016 7:43 am	AES Bldg. Unit B4 First Floor	1.7
1885870	3097582	01/25/2016 4:52 am 01/28/2016 7:43 am	AES Bldg. Unit B5 First Floor	1.8
1885871	3097583	01/25/2016 4:53 am 01/28/2016 7:44 am	AES Bldg. Unit KA First Floor	1.6
1885872	3097584	01/25/2016 4:54 am 01/28/2016 7:45 am	AES Bldg. Unit Y8 First Floor	2.7
1885873	3097585	01/25/2016 4:56 am 01/28/2016 7:45 am	AES Bldg. Unit Y8 First Floor	2.7
1885874	3097586	01/25/2016 4:57 am 01/28/2016 7:46 am	AES Bldg. Unit Y3 First Floor	1.2
1885875	3097587	01/25/2016 4:58 am 01/28/2016 7:47 am	AES Bldg. Unit Y5 First Floor	1.4
1885876	3097588	01/25/2016 4:59 am 01/28/2016 7:48 am	AES Bldg. Unit Y1 First Floor	1.0
1885877	3097589	01/25/2016 5:00 am 01/28/2016 7:49 am	AES Bldg. Unit G2 First Floor	1.8
1885878	3097590	01/25/2016 5:00 am 01/28/2016 7:49 am	AES Bldg. Unit G2 First Floor	1.4

Comment: Confidential: Release results to client only South Washington County Schools was emailed a copy of this report.

Test Performed By: David Moredock

Distributed by: South Washington County Schools

Date Received: 02/03/2016 Date Logged: 02/03/2016 Date Analyzed: 02/04/2016 Date Reported: 02/04/2016

Report Reviewed By: *M. Gray*

Report Approved By: *Carolyn D. Koke*

Carolyn D. Koke, President, AccuStar Labs

Disclaimer:

The uncertainty of this radon measurement is $\sim\pm 10\%$. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

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NRPP 101193 AL
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Log Number	Device Number	Test Exposure Duration:		Area Tested	Result (pCi/L)
1885879	3097591	01/25/2016 5:01 am	01/28/2016 7:50 am	AES Bldg. Unit G4 First Floor	2.0
1885880	3097592	01/25/2016 5:04 am	01/28/2016 7:52 am	AES Bldg. Unit R6 First Floor	1.9
1885881	3097593	01/25/2016 5:06 am	01/28/2016 7:53 am	AES Bldg. Unit R3 First Floor	1.3
1885882	3097594	01/25/2016 5:06 am	01/28/2016 7:55 am	AES Bldg. Unit R1 First Floor	1.3
1885883	3097595	01/25/2016 5:07 am	01/28/2016 7:55 am	AES Bldg. Unit BT First Floor	< 0.4

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