



## 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](mailto: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: DAMIEN NELSON

Phone: 651-425-6294

Email: Dnelson6@sowasheo.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 / ISD 833  
2. School Building Name: MIDDLETON Elementary  
3. School Building Address: 9105 Lake Rd. Woodbury, MN 55125  
4. What type of test kit was used? Manufacturer: Acustar Device name: Liquid Scintillation

Comments: N/A

5. When were the test kits retrieved? 03-2018 (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? 2 (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: N/A

9. How many frequently-occupied rooms were tested? 46

Comments: N/A

10. How many frequently-occupied rooms were at or above four picocuries per liter ( $\geq 4$  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: April 2018

**If one or more rooms  $\geq 4$  pCi/L, complete Questions 12-14.**

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

- a.  $\geq 4$  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  $\geq 4$  pCi/L are, in fact,  $\geq 4$  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  $\geq 4$  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.  $\geq 4$  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 # 18-01-05

Damien Nelson  
7362 East Point Douglas Road South  
Cottage Grove MN 55016

Middleton Elem School  
9105 Lake Road  
Woodbury MN 55125

Log Number	Device Number	Test Exposure Duration:		Area Tested	Result pCi/L
2247002	3669390	03/07/2018 8:04 am	03/09/2018 8:13 am	Bldg. MES Floor 1 Room 116	0.4
2247003	3669389	03/07/2018 8:05 am	03/09/2018 8:13 am	Bldg. MES Floor 1 Room 117	0.4
2247004	3669388	03/07/2018 8:06 am	03/09/2018 8:12 am	Bldg. MES Floor 1 Room 118	0.4
2247005	3669387	03/07/2018 8:07 am	03/09/2018 8:10 am	Bldg. MES Floor 1 Room 119	0.4
2247006	3669386	03/07/2018 8:08 am	03/09/2018 8:10 am	Bldg. MES Floor 1 Room 120	0.7
2247007	3669385	03/07/2018 8:09 am	03/09/2018 8:15 am	Bldg. MES Floor 1 Media Center	0.4
2247008	3669384	03/07/2018 8:11 am	03/09/2018 8:17 am	Bldg. MES Floor 1 Room 99	< 0.4
2247009	3669383	03/07/2018 8:12 am	03/09/2018 8:17 am	Bldg. MES Floor 1 Room 100	< 0.4
2247010	3669382	03/07/2018 8:14 am	03/09/2018 8:18 am	Bldg. MES Floor 1 Room 101	< 0.4
2247011	3669381	03/07/2018 8:15 am	03/09/2018 8:19 am	Bldg. MES Floor 1 Room 102	0.4

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

Distributed by: South Washington County Schools

Date Received: 03/15/2018 Date Logged: 03/15/2018 Date Analyzed: 03/16/2018 Date Reported: 03/16/2018

Report Reviewed By: Michel Cleveland

Report Approved By: 

Shawn Price, Director of Laboratory Operations, AccuStar Labs

**Disclaimer:**

The uncertainty of this radon measurement is +/- 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.

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Middleton Elementary School  
9105 Lake Road  
Woodbury MN 55125

Log Number	Device Number	Test Exposure	Duration:	Area Tested	Result pCi/L
2245984	3669391	03/07/2018 7:50 am	03/09/2018 8:00 am	Bldg. MES First Floor Main Office	0.6
2245985	3669392	03/07/2018 7:53 am	03/09/2018 8:01 am	Bldg. MES First Floor Room 126	< 0.4
2245986	3669393	03/07/2018 7:54 am	03/09/2018 8:02 am	Bldg. MES First Floor Room 125	< 0.4
2245987	3669394	03/07/2018 7:55 am	03/09/2018 8:02 am	Bldg. MES First Floor Room 124	0.4
2245988	3669395	03/07/2018 7:57 am	03/09/2018 8:02 am	Bldg. MES First Floor Room 123	0.5
2245989	3669396	03/07/2018 7:58 am	03/09/2018 8:03 am	Bldg. MES First Floor Room 122	0.8
2245990	3669397	03/07/2018 7:59 am	03/09/2018 8:04 am	Bldg. MES First Floor Room 121	0.6
2245991	3669398	03/07/2018 8:00 am	03/09/2018 8:04 am	Bldg. MES First Floor Room 002	< 0.4
2245992	3669399	03/07/2018 8:01 am	03/09/2018 8:06 am	Bldg. MES First Floor Room 115	0.5

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2246008	3669371	03/07/2018 8:18 am	03/09/2018 8:20 am	Bldg. MES First Floor Room 127	0.4
2246009	3669372	03/07/2018 8:19 am	03/09/2018 8:21 am	Bldg. MES First Floor Room 128	0.4
2246010	3669373	03/07/2018 8:20 am	03/09/2018 8:22 am	Bldg. MES First Floor Room 129	0.6
2246011	3669374	03/07/2018 8:21 am	03/09/2018 8:23 am	Bldg. MES First Floor Room 130	0.4
2246012	3669375	03/07/2018 8:22 am	03/09/2018 8:23 am	Bldg. MES First Floor Room 131	0.4
2246013	3669376	03/07/2018 8:23 am	03/09/2018 8:24 am	Bldg. MES First Floor Room 132	0.5
2246014	3669377	03/07/2018 8:24 am	03/09/2018 8:24 am	Bldg. MES First Floor Room 004	0.6
2246015	3669378	03/07/2018 8:25 am	03/09/2018 8:25 am	Bldg. MES First Floor Room 003	0.5
2246016	3669379	03/07/2018 8:26 am	03/09/2018 8:26 am	Bldg. MES First Floor Room 133	0.8
2246017	3669380	03/07/2018 8:27 am	03/09/2018 8:27 am	Bldg. MES First Floor Room 134	1.7

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2245960	3669361	03/07/2018 8:28 am	03/09/2018 8:28 am	Bldg. MES First Floor Room 135	0.4
2245961	3669362	03/07/2018 8:29 am	03/09/2018 8:30 am	Bldg. MES First Floor Room 136	0.6
2245962	3669363	03/07/2018 8:30 am	03/09/2018 8:30 am	Bldg. MES First Floor Room 137	0.6
2245963	3669364	03/07/2018 8:31 am	03/09/2018 8:31 am	Bldg. MES First Floor Room 138	0.4
2245964	3669365	03/07/2018 8:37 am	03/09/2018 8:37 am	Bldg. MES First Floor Room 189	0.9
2245965	3669366	03/07/2018 8:38 am	03/09/2018 8:38 am	Bldg. MES First Floor Room 188	0.4
2245966	3669367	03/07/2018 8:40 am	03/09/2018 8:41 am	Bldg. MES First Floor Room 187	0.4
2245967	3669368	03/07/2018 8:41 am	03/09/2018 8:41 am	Bldg. MES First Floor Room 186	0.4
2245968	3669369	03/07/2018 8:42 am	03/09/2018 8:43 am	Bldg. MES First Floor Room 185	0.4
2245969	3669370	03/07/2018 8:43 am	03/09/2018 8:44 am	Bldg. MES First Floor Room 184	0.6

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2246032	3669351	03/07/2018 8:45 am	03/09/2018 8:45 am	Bldg. MES First Floor Room 183	0.6
2246033	3669352	03/07/2018 8:46 am	03/09/2018 8:47 am	Bldg. MES First Floor Room 182	0.6
2246034	3669353	03/07/2018 8:47 am	03/09/2018 8:47 am	Bldg. MES First Floor Room 181	0.5
2246035	3669354	03/07/2018 8:50 am	03/09/2018 8:51 am	Bldg. MES First Floor Room 139	0.4
2246036	3669355	03/07/2018 8:52 am	03/09/2018 8:53 am	Bldg. MES First Floor Room 140	0.7
2246037	3669356	03/07/2018 8:54 am	03/09/2018 8:54 am	Bldg. MES First Floor Room 155-100	< 0.4

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