

DEAL SCHOOL
201 ROSELD AVENUE
DEAL, NEW JERSEY 07723-1098

Donato Saponaro, Jr.
Superintendent of Schools

Pia Lordi
School Business Administrator / Facilities Director
Phone: 732-531-0410
Fax: 732-531-1908

September 2023

Dear Parents:

This letter is to make you aware that the Deal Borough School District has completed radon testing in the Deal School, at 201 Roseld Avenue, Deal NJ 07723. The testing took place over the summer months prior to students returning to school. We are pleased to report that all the tests in the Deal School were below 4 pCi/L, the level at which the New Jersey Department of Environmental Protection (DEP) and the U.S. Environmental Protection Agency recommend that action be taken. Therefore, no further action is needed at this time.

A complete list of radon testing results has been posted on the *Deal* School website at dealschool.org along with information about how to interpret the results. Enclosed with this letter is a fact sheet, "Radon in Schools: Fact Sheet for Parents" which provides answers for commonly asked questions about radon testing in schools.

If you have any further questions or concerns after reading the literature provided, please contact the Deal School, or DEP Radon Section at (800) 648-0394 or visit www.njradon.org.

Thank you for your time and consideration,

Pia Lordi
Business Administrator/Facilities Director



515 Grove Street
Suite 1B
Haddon Heights, NJ 08035
T: 856-547-0505

www.pennoni.com

August 23, 2023

STENC23006

Strategic Environmental Consulting, Inc.
Mr. Jim Bonanno
25 Butternut Lane
Bayville, New Jersey 08721

**RE: RADON TESTING
DEAL ELEMENTARY SCHOOL
201 ROSELAND AVENUE
DEAL, NEW JERSEY 07723**

Dear Mr. Bonanno:

Pennoni is providing this report to **Strategic Environmental Consulting, Inc.** documenting the results of the Radon Testing conducted within Deal Elementary School located at the above referenced location. Testing was conducted on behalf of Strategic's client, the Deal Board of Education, to provide indoor air quality services adhering to the *New Jersey Department of Environmental Protection School Radon Testing Program*.

Radon gas is a colorless and odorless radioactive gas found in soils and rocks, generated by the decay of naturally occurring uranium. Radon gas can accumulate inside an enclosed space such as an office building or home. The U.S. Government has documented that exposure to elevated levels of radon gas leads to an increased risk of developing lung cancer. In general, the risk increases as the concentration of radon gas and the length of exposure increases. The USEPA has established 4 picoCuries per liter (pCi/L) of radon gas in indoor air as a guidance level for residences. Accumulations above 4 pCi/L are considered to represent a health risk to occupants.

Pennoni initiated radon testing on August 4, 2023. A total of 40 short-term analysis canisters were placed throughout and remained for three days. On August 7, 2023, the canisters were retrieved by Certified Environmental Radon Services and were analyzed for radon concentration via Liquid Scintillation Method EPA-402-R-92-004.

Each of the locations identified levels of radon gas below the USEPA recommended action level of 4.0 pCi/L (see Appendix A – Radon Testing Results).

A summary of the testing results is as follows:

The EPA Action Level is 4.0 picocuries per Liter (pCi/L)			
Radon Results Table			
Start Testing: 8/4/2023			
Stop Testing: 8/7/2023			
	Serial Number	Location	Result (pCi/L)
1.	N128759	Main Office	0.5
2.	N128760	Main Office - Duplicate	0.5

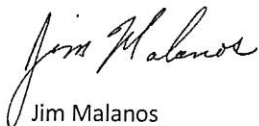
The EPA Action Level is 4.0 picocuries per Liter (pCi/L)			
Radon Results Table			
Start Testing: 8/4/2023			
Stop Testing: 8/7/2023			
	Serial Number	Location	Result (pCi/L)
3.	N128761	Principal Office	0.7
4.	N128762	Principal Office - Blank	0.0
5.	N128763	Conference Room	0.4
6.	N128764	Nurse Office	0.4
7.	N128765	Room 106	0.5
8.	N128766	Room 102	0.8
9.	N128767	Room 104	0.6
10.	N128768	Room 107	0.7
11.	N128769	Room 110	0.4
12.	N128770	Room 112	0.6
13.	N128771	Room 13	Missing
14.	N128772	Room 14	0.9
15.	N128773	Room 14 - Duplicate	0.7
16.	N128774	Room 15	0.7
17.	N128775	Room 16	1.6
18.	N128776	Room 16 - Blank	0.0
19.	N128777	Gym Rear	0.5
20.	N128778	Gym Front	0.7
21.	N128779	Gym Office	0.6
22.	N128760	AD Office	0.6
23.	N128781	Room 11 A	0.6
24.	N128782	Room 11 B	0.6
25.	N128783	Teacher Room	0.5
26.	N128784	Teacher Room - Duplicate	0.4
27.	N128785	Room 10	0.9
28.	N128786	Room 9	0.4
29.	N128787	Room 8	0.9
30.	N128768	Room 6	0.9
31.	N128789	Room 5	0.9
32.	N128790	Room K	0.6
33.	N128791	Room 4	0.9
34.	N128792	Room 3	0.6
35.	N128793	Room 2	0.4
36.	N128794	Room 2 - Duplicate	0.7
37.	N128795	Room 1	0.6
38.	N128796	Room A	0.8

The EPA Action Level is 4.0 picocuries per Liter (pCi/L)			
Radon Results Table			
Start Testing: 8/4/2023			
Stop Testing: 8/7/2023			
	Serial Number	Location	Result (pCi/L)
39.	N128797	Cafeteria Front	0.4
40.	N128798	Cafeteria Rear	0.5

If you have any questions concerning this report or require additional information, please feel free to contact us at (561) 270-0164.

Sincerely,

PENNONI ASSOCIATES INC.



Jim Malanos
Office Director, Environmental Manager



Alan Lloyd, CH, CSP, ENV SP, WELL AP
Vice President, EHS Practice Leader

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Attachments

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