

Sent via electronic mail: aneta.mistak@d214.org

Ms. Aneta Mistak
Assistant Director of Operations
Township High School District 214
2121 S. Goebbert Road
Arlington Heights, IL 60005

Re: Radon Testing – Prospect High School

Dear Ms. Mistak:

Date February 7, 2024

Signed into law on January 1, 2010, Public Act 96-0417 recommends, requires and/or authorizes the following action with regard to radon and schools in Illinois:

1. Recommends all Illinois school districts test their school buildings every five years.
2. Requires Illinois schools that do test for radon to report the results to the State Board of Education. The State Board of Education will then report radon test data bi-annually to the General Assembly. This data will be made public.

Ramboll
333 W. Wacker Drive
Suite 1050
Chicago, IL 60606
USA

T + 1 312 288 3800
<https://ramboll.com>

Ref 1940105696-006

At the request of Township High School District 214 (THSD214), Ramboll Americas Engineering Services, Inc. (Ramboll) retained Radon Detection Specialists, Inc. to perform a radon survey at Prospect High School (PHS), 801 W, Kensington Road, Mount Prospect, Illinois. Radon Detection Specialists are licensed by the Illinois Emergency Management Agency (IEMA) Department of Nuclear Safety for both residential and commercial radon testing. The survey was conducted from December 4-6, 2023.

Radon is an odorless, tasteless, and colorless radioactive gas that comes from the decay of naturally occurring uranium in the soil. At PHS, two-hundred and four (204) passive radon detection devices (electret ionization chambers – Eperms™) were deployed in one-hundred and seventy-seven (177) locations on December 6 and retrieved on December 6, 2023 for this survey. The Eperms were placed in the rooms by a State of Illinois Licensed Radon Professional.

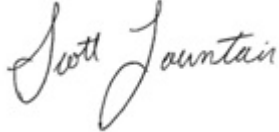
Radon measurements were determined to be above the United States Environmental Protection Agency (USEPA) and Illinois Emergency Management Agency Division of Nuclear Safety (IEMA) Action Level (AL) of 4.0 picocuries per liter (pCi/L) in 3 locations (basement storage rooms small, medium, and large). Results were invalid in two locations. Retesting in these locations was completed from January 17-19, 2024. The original testing results and the retesting results were averaged together for a final result. Results of the retesting indicated that average radon measurements in basement storage room small (6.5 pCi/L), medium (6.2 pCi/L), and large (5.7 pCi/L) were above the action level of 4.0 pCi/L. These building areas are considered unoccupied unless occupied by someone for 4 or more hours a day.

Attached is the full report forwarded from Radon Detection Specialists outlining basics of radon and radon health impacts, scope of work, quality assurance plan, device results and site notes, summary, and recommendations.

If you have any questions regarding the above report, please do not hesitate to contact our office. Ramboll thanks you for the opportunity to be of continued service to THSD214.

Sincerely,

Ramboll Americas Engineering Solutions, Inc.



Scott C. Fountain
Managing Consultant

D 312.288.3819
sfountain@ramboll.com

Reviewed and Approved by,



Kevin E. Aikman, Ph.D., CIH, FAIHA
Principal

D 312.288.3808
kaikman@ramboll.com

ATTACHMENT