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# HSWMR

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**FROM:** Dr. Christopher M. Teaf  
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**TO:** James Stephens  
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**DATE:** 28 March 2022

**SUBJECT:** Florida State University School - Radon Evaluation

Several buildings at the Florida State University School campus (FSUS; off-site K-12 developmental research school) have been evaluated for radon content. From March 14 to March 16, 2022, radon measurements were collected at 37 locations in 12 buildings at FSUS. The 48-hour charcoal canister measurements were collected by a state-certified radon contractor, in accordance with standard protocols of the United States Environmental Protection Agency (USEPA) and the Florida Department of Health (FDOH). None of the radon values at any location were greater than the 4 picoCurie/liter (pCi/L) USEPA Action Level (range 0.4 to 2.3 pCi/L). Results for the March 2022 sampling event are summarized in the attached table.

Detectable radon levels are ubiquitous throughout the state, with most areas of Florida exhibiting low radon. Outdoor levels typically are in the 0.4 to 0.5 pCi/L range, and indoor levels regularly range from 1 to 2 pCi/L. Radon comes from decay of natural radium, and elevated indoor radon is related to local geology. Radon often is present in clays, phosphate rock, and igneous rocks, like granite, and can originate from bedrock far below land surface. Because it is a naturally occurring substance, exposure is common and unavoidable.

The data summarized herein reflect a condition that is consistent with many buildings in Florida and throughout the United States, and the radon conditions at the FSUS do not represent a health concern. Further investigation regarding radon is not recommended at this time.

## RADON MEASUREMENTS - FSU K-12 Campus, Florida State University

Location	Sampling Dates	Number of Samples	Min <i>pCi/L</i>	Max <i>pCi/L</i>	Notes
Multiple buildings	14 to 16 Mar 2022	37	0.4	2.3	No results > 4 pCi/L

pCi/L = picocuries per liter