

Hazardous Substance & Waste Management Research, Inc.

2976 Wellington Circle West
Tallahassee, Florida 32309
Phone: (850) 681-6894
Fax: (850) 906-9777
www.hswmr.com

FROM: Dr. Christopher M. Teaf
President & Director of Toxicology

TO: Laymon Gray
Associate Director
Environmental Health & Safety
Florida State University

DATE: 18 August 2023

SUBJECT: FSU The Collegiate School at Panama City - Radon Evaluation

The Collegiate School at FSU Panama City (TCS) has been evaluated for radon content due to indoor air quality questions that have been raised regarding buildings on the FSU main campus in Tallahassee. From August 06 to 08, 2023, radon measurements were collected at twelve (12) locations at TCS. 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). All of the radon values were below the 4 picoCurie/liter (pCi/L) USEPA Action Level (all results below detectable levels at < 0.4 pCi/L). Results for the August 2023 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 Collegiate School at FSU Panama City do not represent a health concern. Further investigation regarding radon is not recommended at this time.

RADON MEASUREMENTS - Collegiate School at FSU Panama City, Florida State University

Location	Sampling Dates	Number of Samples	Min pCi/L	Max pCi/L	Notes
First Floor	06 Aug to 08 Aug 2023	12	< 0.4	< 0.4	No results > 4 pCi/L

pCi/L = picocuries per liter