

---

# HSWMR

---

## 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:** James Stephens  
Executive Director Utilities/Maintenance  
Florida State University

**DATE:** 21 April 2022

**SUBJECT:** FSU Pearl Tyner Welcome Center - Radon Evaluation

The Pearl Tyner Welcome Center (Welcome Center) at Florida State University (FSU) has been evaluated for radon content due to indoor air quality questions that have been raised regarding other buildings on the FSU campus. From April 13 to April 15, 2022, a radon measurement was collected at the Welcome Center first floor reception area. The 48-hour charcoal canister measurement was 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). The radon value was not greater than the 4 picoCurie/liter (pCi/L) USEPA Action Level (measured value of 1.5 pCi/L). Results for the April 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 Welcome Center do not represent a health concern. Further investigation regarding radon is not recommended at this time.

**RADON MEASUREMENTS - Pearl Tyner Welcome Center, Florida State University**

<b>Location</b>	<b>Sampling Dates</b>	<b>Number of Samples</b>	<b>Min <i>pCi/L</i></b>	<b>Max <i>pCi/L</i></b>	<b>Notes</b>
1st Floor	13 to 15 Apr 2022	1	1.5	1.5	No results > 4 pCi/L

pCi/L = picocuries per liter