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# HSWMR

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## 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:** 03 June 2022

**SUBJECT:** FSU Azalea Hall - Radon Evaluation

The Azalea Hall residence hall building (Azalea) 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 May 2 to May 4, 2022, radon measurements were collected from 11 locations at Azalea. 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 <0.3 to 1.1 pCi/L). From May 23 to May 25, 2022, four additional 48-hour charcoal canister measurements were collected at previously unsampled locations at Azalea. None of the additional results exceeded the 4pCi/L Action Level. Results for the May 2022 sampling events 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 Azalea Hall do not represent a health concern. Further investigation regarding radon is not recommended at this time.

**RADON MEASUREMENTS - Azalea Hall, Florida State University**

<b>Location</b>	<b>Sampling Dates</b>	<b>Number of Samples</b>	<b>Min pCi/L</b>	<b>Max pCi/L</b>	<b>Notes</b>
GF	2 to 4 May 2022	4	0.5	1.1	No results > 4 pCi/L
1st Floor	2 to 4 May 2022	7	<0.3	0.6	No results > 4 pCi/L
1st Floor (previously unsampled)	23 to 25 May 2022	4	0.3	1.1	No results > 4 pCi/L

pCi/L = picocuries per liter