

August 27, 2015



Save the Date
November 11-13, 2015
DoubleTree-SeaWorld
Orlando

ASHRAE Issues Legionellosis Standard

Long awaited industry guidance on legionellosis is now available in a new standard from ASHRAE. The document establishes minimum legionellosis risk management requirements for building water systems.

ANSI/ASHRAE Standard 188-2015, Legionellosis: Risk Management for Building Water Systems, is intended for use by owners and managers of human-occupied buildings and those involved in the design, construction, installation, commissioning, operation, maintenance and service of centralized building water systems and components.

Specific requirements in the standard include:

- Minimum Legionellosis risk management requirements for buildings and their associated potable and non-potable water systems.
- Establishment by building owners of a Program Team and (in turn) a Water Management Program for which they are responsible in order to comply with the standard.
- Provision of specific and detailed requirements for what Legionellosis control strategies must accomplish and how they are to be documented

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- but, does not provide (or place restrictions on) what specific strategies are to be used or applied.

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New Stormwater Harvesting Standard Approved

The American Society of Plumbing Engineers (ASPE) announced that ARCSA/ASPE/ANSI 78-2015: Stormwater Harvesting System Design for Direct End-Use Applications was approved as an American National Standard by the American National Standards Institute (ANSI) on August 3, 2015.

Jointly developed by ASPE and the American Rainwater Catchment Systems Association (ARCSA), ARCSA/ASPE/ANSI 78-2015 provides guidance on how to install and maintain a safe alternative to utility-provided water and to optimize stormwater utilization to reduce dependence on municipal potable water systems. Use of the standard will ensure that consumers are not at risk from poor design, installation, maintenance, or illegal work and that the stormwater catchment system will assist in maintaining and enhancing the quality of the environment while assisting compliance with the intent of relevant regulations and government officials.

[\[More\]](#)

Strong Building Codes are Foundation For Resilience Says FLASH Report

The nonprofit Federal Alliance for Safe Homes (FLASH) released its latest commentary paper, [Disaster Resilience Rising Means the Time is Right](#), offering bold recommendations to strengthen the U.S. building code system by putting innovative disaster resilience policies into place ahead of the next disaster. The commentary cites the pattern of disaster-impacted communities pledging to "build back better," but missing out on pre-disaster opportunities to embrace the most fundamental element of disaster resilience—updating, adopting, and enforcing strong building codes.

FLASH proposes the following six innovations to the current U.S. building code system:

Articles of Interest

[UF Researchers Turn Seed Into Jet Fuel for Navy, Cash Crop for Farmers](#)

[Rainwater Harvesting: An Answer to Urban Flood Control](#)

[Natural Gas-Fueled Buses and Trucks: Will the Climate Really Benefit?](#)

[India Is Home to the World's First Completely Solar-Powered Airport](#)

Stay Connected



FGBC Welcomes New Members

Lynne Edwards
[Tallahassee Builders Association](#)
Tallahassee

Elizabeth Colome
[Colome & Associates, Inc](#)
West Palm Beach

Kerrie Kunde
[Home Builders & Contractors Association of Brevard](#)
Melbourne

Quick Links

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[GreenTrends](#)

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Education Opportunities

October 13-14, 2015
FGBC Certifying Agent Destination Class
FSEC
Cocoa, FL
[\[Register\]](#)

November 11, 2015
FGBC Certifying Agent Annual Verification Class

1. Establish a standing code and standard development process to accelerate post-catastrophe, forensic engineering insights into model codes and standards.
2. Optimize property protection opportunities in model code and standard development by balancing all of the existing values, including public health, safety, and welfare.
3. Evaluate, integrate, and leverage public and private sector beyond-code standards and programs into the International Code Council system to ensure continuity, increase awareness, and support disaster resilience innovation.
4. Enhance code development by broadening the representation of interest groups on the International Residential Code technical committees.
5. Support code adoption and enforcement mechanisms through an enhanced, well-resourced system of information provision to state and local officials as well as the public regarding benefits and mechanics of building codes and disaster-resilient construction.
6. Increase engagement by all stakeholders in the building code system through robust participation in each phase, including model code development, state and local adoption, and enforcement.

[\[More\]](#)

Portfolio Manager Update Adds Key Features

EPA released new features to its ENERGY STAR Portfolio Manager® tool on August 3, including the ability for users to create reports that include more than two time periods. Checks of data quality have also been expanded to help users more easily identify and correct the underlying data issues that result in "Not Available" alerts within annual energy performance metrics. In addition, properties may be reassigned to different weather stations based on updates to the reference weather station dataset.

As part of this update, EPA also released enhancements to the Portfolio Manager data exchange web services tools. The highest impact updates include

**GreenTrends 2015
DoubleTree-SeaWorld**
Orlando, FL
[\[Register\]](#)

[Energy Star Webinars](#)

[Building America Webinars](#)

Calendar of Events

**Aug. 30- Sept. 2, 2015
Florida Housing
Conference**
Orlando, FL
[\[More\]](#)

**September 15-16, 2015
The Water Expo
Miami Airport
Convention Center**
Miami, FL
[\[More\]](#)

**September 24-26, 2015
FNGLA Landscape Show
Orange Co. Convention
Center**
Orlando, FL
[\[More\]](#)

Certification News

Commercial
Registered: 35
Certified: 13

High Rise
Registered: 39
Certified: 10

Homes
Registered: 10,783
Certified: 10,667

Single-Family: 7,754
Multi-Family: 2,913

Land Developments
Registered: 62
Certified: 13

Local Government
Registered: 78
Certified: 57

Recent Certifications

City of Plantation
Location: Plantation
Type: Local Government
Certified: 8/20/15
Score: 27
Level: Bronze

the ability for service providers that exchange data with Portfolio Manager to associate a single meter to a property, and a new capability to identify the reasons why a property is not receiving an ENERGY STAR score.

In its 2014 Energy Star Snapshot report, EPA released the following data regarding Portfolio Manager:

- 400,000 buildings totaling over 35 billion square feet, have benchmarked their energy performance
- 95,000 buildings have benchmarked their water performance
- Florida has 17,337 buildings representing 1,232,586,717 square feet in Portfolio Manager

Location	Buildings	S.F
Cape Coral-Fort Myers FL	460	20,773,922
Jacksonville FL	1194	96,131,545
Lakeland FL	497	28,874,018
Miami-Fort Lauderdale-Pompano Beach FL	4608	358,372,544
North Port-Bradenton-Sarasota FL	676	40,098,898
Orlando-Kissimmee-Sanford FL	2664	258,147,801
Palm Bay-Melbourne-Titusville FL	625	32,707,351
Tampa-St. Petersburg-Clearwater FL	2865	196,733,456

[\[More\]](#)

Multifamily Residents Expect More And "Green" Is High on the List

"In the past, the relationship between property ownership and residents was more one-dimensional; you leased a unit and your work was done." That is according to Darcy Miramontes, EVP of JLL capital markets, multifamily. Nowadays, she says, residents expect more in terms of the services and the lifestyle that a community offers.

"Square footage is not as important as amenities, allowing projects with an appealing lifestyle to charge more for smaller units," notes Miramontes. "Residents today are looking for amenities like pet services (including shared community pets), package delivery rooms, community and collaborative spaces, bike rental and repair shops, rooftop decks, smaller and

Recent Registrations:

Indian River County GoLine Transfer Hub

Location: Vero Beach
Type: Commercial
Size: 1,752 S.F.

Elan 16Forty

Location: Fort Lauderdale
Type: High-Rise
Size: 331,203 S.F.

FGBC Committee Meetings

Board of Directors

2nd Wednesday
Monthly
3 p.m.

Commercial

1st Tuesday
Monthly
2 p.m.

Education

1st Thursday
Monthly
3 p.m.

High-Rise

3rd Tuesday
Monthly
11 a.m.

Homes

2nd Tuesday
Monthly
2 p.m.

Land Development

4th Wednesday
Bi-monthly
2 p.m.

Local Government

3rd Wednesday
Monthly
10:30 a.m.

Programs & Promotions

3rd Thursday
Monthly
2 p.m.

Funding Opportunities

[St. Johns River WMD Water Programs](#)

[South Florida WMD Water Programs](#)

smarter appliances, and an emphasis on storage space."

Other factors that make a multifamily property desirable are also changing, she adds. "Modern renters are interested in transit-oriented and walkable communities and appreciate green measures that developers and property managers are implementing such as drought-resistant landscaping, energy-efficient appliances, and thermal-efficient windows."

[From www.globest.com]

Solar Ballot Initiative Gives Consumers a Choice

Op-Ed by Bill Johnson, Brilliant Harvest, LLC

When it comes to electricity, Florida consumers do not have a choice. The sale of electricity is centrally controlled by the Florida Public Service Commission, with only one state-sanctioned utility company allowed to sell electricity in any given geographic region.

Consumer choice is what drives our economy forward - it is the basis for the innovation we have seen in so many areas of our lives. Consider 35 years ago, when we had but one option for telephone service. Most of us would agree that today's myriad telecommunications services provide a vastly superior value when compared with the basic dial-tone calling of the 1980s, even if it does cost more. Innovation occurred because consumers had choices.

But, in Florida, our options are severely limited when it comes to power. For example, you can't buy solar energy through "power purchase agreements" in Florida, as you can in many other states. [\[More\]](#)

84 Lumber Returns to Northeast Florida

After more than a four year absence from the Northeast Florida market, major building material wholesaler 84 Lumber Co. is returning to St. Augustine.

There were more than 7,700 permits issued in the five county region in 2014. Of those, more than 2,800 permits were issued in St. John's County alone, the company noted.

"As a building material supplier that primarily serves the professional contractor market we look for a

[Southwest Florida WMD Water Programs](#)

FHFC Multifamily Energy Retrofit Program (MERP)
[\[More\]](#)

Job Opportunities

[APA Florida Job Board](#)

[Green Dream Jobs](#)

[Florida Facility Managers Assn Job Board](#)

sustained minimum of 2,000 housing starts in the county where the store is located," said Southeast Division Vice President Mark Ingersoll. "Saint John's hit that level in 2012 and has been well above that for the past two years."

The company will employ 20 associates regionally, as well as 10 more at the affiliated custom door shop it plans to open. The grand opening will be held on Sept. 11 and 12. [[More](#)]

Tribal Green Building Toolkit Released by EPA

The Environmental Protection Agency (EPA) announced that its Tribal Green Building Codes Workgroup has developed a toolkit that builds upon tribal ecological knowledge to help tribes better prioritize and implement green building practices. The Toolkit was specifically developed for use by tribal government officials, but it can also be used by members of the development community, rural communities and other government and building professionals.

Tribal nations are not under the jurisdiction of state or local building codes, which can lead to building standards and methods that are not in line with sustainability goals. The Tribal Green Building Toolkit provides a checklist for tribal authorities to develop their own codes, as well as policies and enforcement strategies.

The Assessment Tool is divided into the following six categories:

1. Land Use
2. Materials and Resource Conservation
3. Human Health: Radon, Mold and other Hazardous Pollutants
4. Energy Efficiency and Renewable Energy
5. Water Access, Management and Sanitation
6. Resilience and Adaptability

Each category is divided into subcategories. For example, within Materials and Resource Conservation, there are subcategories for:

- Environmentally Preferable Materials,
- Building Preservation and Reuse,
- Durability, Repairability and Adaptability,
- Materials Reuse and Recycling and

- Green Manufactured Housing.

[\[More\]](#)

MEMBER SPOTLIGHT:
Lisa Percy
All Elements Mechanical



Lisa Percy with All Elements Mechanical is the type of member that every volunteer organization hopes for. She is dedicated to "the mission," personally believes strongly in the value of the organization's efforts, and actively participates in recruitment and on committees.

To date, she has recruited five high-rise projects totaling 678,000 square feet into the FGBC certification programs, and she chairs the FGBC Green High-Rise Committee.

"I love sustainability because I love my kids! I want to be a part of their future in every way possible... so I decided to BUILD a better one for them through education and sustainability," says Lisa, who is the Director of Education & Sustainability for All Elements Mechanical.

Fittingly, Lisa is actively involved in the Orange County Public Schools Green School program that encourages taking a holistic approach to going green by incorporating school ground enhancement, resource conservation, curriculum connections, and community involvement with a school-wide commitment and focus on sustainability.



In her personal life, Lisa spends much of her time outdoors.

"I love kayaking the Wekiva River, having a full day at the beach, and spending time with family. When I can, I visit our family cabin in North Carolina and

disconnect for a while. I love to run and have run one actual marathon. But with two adorable boys, I basically run marathons every day, Lisa adds.

About All Elements Mechanical Corp.

[All Elements](#) was founded under the principle of providing energy conservation solutions, green building practices and sustainable action through the education of our community. We focus primarily on energy efficiency and the Elements that constitute a healthy, safe and quality environment for future generations which incorporate HVAC, Water, Energy and Green practices. The future of our society depends upon educating and implementing sustainable solutions and we pride ourselves on the ability to make a difference by embracing All Elements in our business model.



Lisa's son Jude and his future inspire everyone at All Elements Mechanical

We believe that we can make a difference. The team at All Elements is committed to providing homeowners and businesses with energy saving and sustainable solutions. We are guided by the belief that education will lead to a community that is determined to leave our children a better world.