



Missouri Gateway
CHAPTER



CONTINUING EDUCATION BLITZ: WATER INFRASTRUCTURE

Hassalo on Eighth's Natural Organic Recycling Machine treats all wastewater for reuse onsite. Photo by Jim G. Maloney.

SEPTEMBER 14

WHERE

Missouri History Museum
5700 Lindell Blvd., STL, MO 63112

CONTINUING EDUCATION

Submitted for approval of 7 GBCI
CE Hours and 7 AIA/CES LU

FEE

\$100 for USGBC-MGC Members
\$150 for Non-Members
\$75 for Emerging Professionals
\$50 for Full-time Students

REGISTER

Visit www.usgbc-mogateway.org

*Exploring Current Advances and Innovation
in Water Management and Quality*

This full-day program will use case studies to highlight new advancements in strategies and innovative techniques to address water use, management, and quality in a variety of settings.

Bringing together expertise from across the nation and throughout the St. Louis Region, the event will feature national and local success stories and partnerships, infrastructure challenges, considerations for water reuse, and corporate and institutional environmental stewardship efforts.

Keynote Pete A. Munoz of Biohabitats will present cutting edge design and engineering for Hassalo on Eighth, a large multi-use residential urban redevelopment project in Portland, Oregon that treats its wastewater for reuse onsite (60,000 gallons per day), redirecting it away from stressed city sewer infrastructure. In addition to exploring real-life innovative solutions, Pete will discuss regulatory barriers and future possibilities for the industry.

See agenda on reverse for the full schedule of presentations and speakers.

KEYNOTE - Pete A. Muñoz, PE, LEED AP
Senior Engineer at Biohabitats (Portland, OR)



KEYNOTE - Pete A. Muñoz



Pete is a licensed engineer and certified wastewater treatment plant operator. Pete has been lucky enough to work with some of the most influential green built projects in the United States to create inspirational infrastructure and assist reconnecting our communities with what makes them work. With degrees in Biosystems, Civil and Environmental Engineering, Pete has been asked to speak around the country on a variety of topics including green infrastructure, regenerative design, and climate change solutions.

AGENDA

- 8:00-8:55 Registration & Breakfast
- 9:00-9:15 Welcome and Introductions
- 9:15-10:15 **Pete A Muñoz** - What's Next: Precedent Projects in Urban Settings, Regulatory Roadblocks, and Futurecasting
- 10:15-11:00 **Michael Willis, FAIA** - Transforming Wastewater Treatment Facilities into Neighborhood Amenities
- 11:00-11:15 Panel Discussion
- 11:30-11:45 **Curtis Skouby** - St. Louis Region's Aging Infrastructure
- 11:45-12:15 **Traci Lichtenberg & Donald R. Summers, Jr.** - Collaborating on Water Quality
- 12:15-1:00 Sustainable Lunch
- 1:00-1:30 **Jeff Gilmore** - Plumbing for Reclaimed Water
- 1:30-2:00 **Charlie Kuhnmuench** - Rehabilitation of Existing Sewer Lines
- 2:15-3:45 Case Studies
 - Dan Hellmuth** - Getting to Net Zero Water: Code Challenges and Successes
 - Mike Carlson** - Corporate Environmental Stewardship and Water Reduction at Anheuser Busch
 - Lois Sechrist** - Water Efficiency in the Most Water Intensive Facilities
- 3:45-4:15 Panel Discussion
- 4:15-4:30 Closing Remarks

PRESENTING SPONSOR



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Michael Willis, FAIA
Founder, MWA Architects
and Visiting Professor,
Washington University in St.



Curtis Skouby
Director of the Department of Public
Utilities and Water Commissioner
City of St. Louis



Traci Lichtenberg
Environmental Compliance Manager
Missouri American Water



Donald R. Summers, Jr.
Assistant Director of Training
UA Plumbers & Pipefitters Local 562



Jeff Gilmore
Director, Strategic Accounts
Sloan



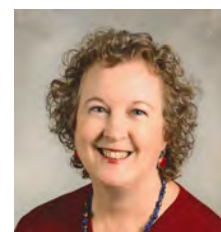
Charlie Kuhnmuench
Vice President, Rehabilitation
Services Group, SAK



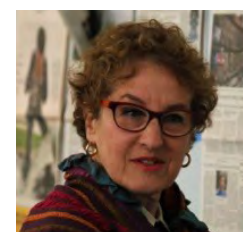
Dan Hellmuth, AIA, LEED AP
Principal
hellmuth + bicknese architects



Mike Carlson
Director of Energy and Fluids
Anheuser-Busch



Lois Sechrist, LEED AP
Environmental Stewardship
Manager, Ascension Environmental
Stewardship Program, Medexcel



Hannah Rae Roth
Event Moderator
Lecturer,
Washington University in St. Louis