From: Wednesday Water SmartBrief on behalf of Wednesday Water SmartBrief <wcda@smartbrief.com>
To: mayor@cityofclemson.org
Subject: PCL uses high-tech stabilizer to combat wind on project
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October 2, 2024

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TOP STORY

Brown and Caldwell exec wins DBIA leadership award

Rodney Pope, vice president at Brown and Caldwell, has been honored with the 2024 Distinguished Leadership Award by the Design-Build Institute of America. Pope, a thrice winner of the DBIA National Award of Excellence, has delivered more than $1.4 billion in water and wastewater design-build projects, having spent nearly five decades in the industry.**Full Story:** Construction Equipment Guide (10/1)

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PROJECTS AND PROCUREMENT

Ill. city anticipates funding reclamation, water mains

Authorities in Naperville, Ill., are prioritizing new water mains and continued work on

revitalizing the Springbrook Water Reclamation Center in the city's preliminary capital improvement program budget for 2025. "Implementing a more aggressive [water main] replacement schedule in the coming years will help prevent that [current] backlog from growing even larger," said Director of Finance Raymond Munch.**Full Story:** Naperville Community Television (Ill.) (9/29)

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N.Y. village to get $106K in grant funds for drinking water

The village of Catskill in New York will receive $106,000 as part of grants announced last week by Gov. Kathy Hochul. Village administrators are still planning how the money will be used, but there are already several projects underway involving the removal of lead pipes.**Full Story:** Daily Gazette (Schenectady, N.Y.) (10/1)

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Ala. town gets $22M for sewer revamp in record project

Ardmore, Ala., has secured a $22 million grant for the biggest infrastructure project in the town's history, aimed at overhauling an overloaded sewer system. The funding includes $19.99 million from the Alabama Department of Environmental Management and $2.27 million from the Tennessee Department of Environment and Conservation, given that the town sits on the state line. The project, expected to take two years, aims to address aging sewer lines and health concerns stemming from a failing sewer plant.**Full Story:** WHNT-TV (Huntsville, Ala.) (9/25)

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BUSINESS STRATEGY

PCL uses high-tech stabilizer to combat wind on project

PCL Construction has used Vita Industrial's Load Navigator, a semiautonomous load stabilizer, to manage wind challenges during an improvement project at the McCarrons Water Treatment Plant in St. Paul, Minn. The device, which uses sensors and high-powered fans to stabilize loads, has increased efficiency by 30% and prevented work stoppage on windy days.**Full Story:** Construction Dive (9/25)

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AI in construction requires "bilingual" professionals

AI holds significant potential for the construction industry, addressing challenges such as

worker shortages and complex project management, Bluebeam CEO Usman Shuja writes. The industry must cultivate "bilingual" professionals skilled in both AI and construction to fully leverage the technology, an effort that requires cultural and structural change, Shuja writes.**Full Story:** Forbes (tiered subscription model) (9/26)

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Nanocatalysts show potential in wastewater treatment

Nanotechnology has emerged as a key solution for improving wastewater treatment. Nanocatalysts, such as titanium dioxide and silver nanoparticles, enhance chemical reactions and speed up pollutant degradation. Their integration into existing systems promotes sustainability by reducing the use of chemicals driving down energy consumption, offering a transformative approach to managing wastewater contaminants.**Full Story:** AZoNano (9/30)

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POLICY AND REGULATORY UPDATES

Texas advocates push for increase in water reuse

Texas legislators are examining options to incentivize more water reuse as droughts increase and the population continues to grow. The state's water plan calls for water reuse to increase tenfold by 2070, but advocates assert additional funding and motivation are needed to keep the momentum going.**Full Story:** KTBC-TV (Austin, Texas) (9/28)

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Colo. cracks down on construction wage theft

Efforts to combat wage theft in Colorado's construction industry have gained momentum thanks to the combined efforts of public and private entities. The Payroll Fraud Task Force, led by Mark Thompson, is actively engaging with workers to address wage-related issues. The Denver Auditor's Office and the Colorado Department of Labor and Employment have adopted new laws and strategic enforcement practices, leading to significant recoveries of unpaid wages. While industry representatives support these measures, they also highlight ongoing challenges and the need for clearer regulations.**Full Story:** The Denver Post (tiered subscription model) (9/29)

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WCDA NEWS

WCDA offers Fundamentals of Collaborative Delivery

Join the WCDA in Lynwood, Wash., for Fundamentals of Collaborative Delivery on **October 30, 2024**, Leaders, engineering, and O&M staff of public W/WW facilities who have an interest in learning the fundamentals of collaborative delivery, with a focus on GC/CM and progressive design-build, should attend. No previous experience necessary. Practitioners are welcome, too!

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WCDA offers *Advanced* Fundamentals of Collaborative Delivery

Join WCDA in Tacoma, Wash., on **October 29, 2024**, for *Advanced* Fundamentals of Collaborative Delivery, focusing on collaborative delivery best practices and how your GC/CM and progressive design-build may differ from your fixed-price design-build and traditional project delivery experience. This program is geared toward agency leaders, project managers, engineering, construction management, and procurement with some collaborative delivery experience. Practitioners are welcome, too!

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The longer I live, the more uninformed I feel. Only the young have an explanation for everything.

Isabel Allende,
writer
Hispanic Heritage Month is Sept. 15 to Oct. 15

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