

VISIBILITY NEWSLETTER

In this Edition:

We're sharing top articles from **Wastewater Visibility News**, including updates from SediVision and US Submergent Technologies.

As 2023 comes quickly to a close, the service-driven team at SediVision extends this offer: "Would knowing the location and quantity of sand and grit debris (without draining your wastewater tanks) help you or your clients make better decisions regarding capital expenditures and tank maintenance? If so, contact SediVision (866) 982-6531. We'll do everything we can to get you on our schedule quickly, equipping you with the informed data you need for strategic decision-making."

Transforming the Wastewater Industry: SediVision Technology

This 2-minute video shares how SediVision technology is helping transform the wastewater industry, by providing visibility in the dark water of wastewater tanks.



As part of the next wave of game-changing start-ups, SediVision was represented at **World Water-Tech North America** by company Vice President **Megan Ross**. Megan took the stage, sharing insights on how SediVision technology is serving wastewater utility managers, wastewater operators, and engineers, delivering informed data for predictive maintenance.

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Microtunnel Project Updating Tampa Wastewater Infrastructure

The rapidly growing City of Tampa has planned major initiatives to update the aging Tampa wastewater infrastructure, including a dramatic microtunneling project currently in its final phases of completion.

More than 3,000 linear feet of advanced microtunneling are helping to ready Tampa wastewater infrastructure for the future, replacing the current 72-year-old, 54-inch-diameter Harbour Island force main sewer system. The project was implemented in four phases over four years, with microtunneling being one of the final phases.

Although the Harbour Island force main sewer system had benefited from numerous pipe replacement projects conducted in select segments of the system over the years, in 2017, during routine maintenance on the Harbour Island Bridge, leaks and signs of deterioration in the force main system that is suspended beneath the bridge were detected. Additional assessments in other areas followed, revealing more leaks.

What is microtunneling, and how was it used to support Tampa's wastewater infrastructure?

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Wastewater Monitoring and This Year's Tripledemic of Flu, COVID, and RSV

Examining the value of wastewater monitoring, specifically wastewater-based epidemiology (WBE), related to the public health issues of COVID-19, influenza, and RSV.

According to the Centers for Disease Control and Prevention (CDC), nearly 100,000 Americans died from influenza--the flu--during the peak of last year's flu season. Loss of life during this same period due to COVID or RSV, which is respiratory syncytial virus, has not been officially released, but it's safe to say this number skyrockets when those two additional illnesses are tallied. **In January 2023 alone, 40 percent of US households reported experiencing at least one of the three illnesses.**

Health officials refer to the combined impact of the three viruses as a triple epidemic, or "tripledeemic," and there's every reason to expect this flu season to be as bad as last year's, overloading hospitals and healthcare practitioners beyond capacity. **What we learn from wastewater monitoring...**

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The Critical Link Between Innovation and Safety in the Wastewater Industry

The commitment to on-the-job safety can never be overemphasized or overvalued. Safe project execution reduces or eliminates anxiety for the client, the service provider, and the employee team involved. When projects run predictably, they are brought in on time and on budget. And creativity, productivity, and resources can be focused where they should be, which is on upcoming tasks and objectives.

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Hurricane Grit and Debris Accumulation in Wastewater Treatment Plants

Understanding and responding to the challenges of hurricane grit and debris accumulation after the storm has passed.

Hurricanes and storms, including the recent Hurricane Idalia that made landfall on August 30, 2023, are forces of nature that leave a trail of destruction in their wake. In addition to the visible damage they cause, these weather events can wreak havoc on essential infrastructure systems, including wastewater treatment plants.

One of the lesser-known challenges that wastewater treatment plants face post-hurricane is the accumulation of grit and debris, which can have a significant negative impact on the wastewater treatment process.

Hurricane grit and debris accumulation occurs in wastewater treatment plants after storms. The cutting-edge technology of SediVision provides wastewater managers with the information they need to know how much and where debris is located in tanks and accurately access tank cleaning and maintenance needs. **The impact of hurricanes on wastewater treatment plants.**

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Other Recent Articles

[Advocating for Water Infrastructure and a Better Future: The American Business Water Coalition](#)

[North Carolina Wastewater Project Funding: \\$223M Approved, More Available](#)

[Instead of Using Divers and Probes to Quantify Grit in Wastewater Tanks, Use SediVision®](#)

In the Limelight: SediVision and US Submergent Shout Outs

Congratulations to Randy Cordrey and the US Submergent Tech team, who earlier this fall finished 3rd at 18 under par in the WASD 7th ANNUAL MSABC GOLF TOURNAMENT.

Most importantly, APPLAUSE for all who participated, facilitated, or sponsored this significant event.

The tournament win went to the Village of Virginia Gardens Team, who shot 19 under, with runners-up Poole and Kent #7 and US Submergent playing off for second and third place after each shooting 18 under par.

With 318 players and 375 participants, this year's tournament was the largest to date, and raised almost \$25,000 in the fight against breast cancer.

Successful events like this one happen only after considerable hard work and long hours by committed volunteers.



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