

374Water Secures Order from City of Olathe for AirSCWO 6 System

System to be Used to Assess Scale-Up of Advanced AirSCWO Technology for Sustainable Sludge Management and Additional Waste Streams

MORRISVILLE, N.C., Oct. 28, 2025 (GLOBE NEWSWIRE) -- 374Water Inc. (NASDAQ: SCWO) ("374Water" or the "Company"), a global leader in organic waste destruction technology for industrial, municipal, and federal markets, and the City of Olathe, KS ("Olathe" or the "City") today announced that they have entered into an agreement for the sale and deployment of an AirSCWO 6 system and a full-scale 30 wet tons per day pre-treatment and dewatering system in anticipation of future purchases.

Under the agreement, which is valued at approximately \$4 million over the next two years, 374Water will deliver an AirSCWO 6 system together with the pre-treatment and dewatering system. Olathe will utilize the Supercritical Water Oxidation ("SCWO") process at its wastewater treatment facility under real-world conditions and assess its potential as a sustainable alternative to traditional sludge management practices and disposal methods, including land application and landfill disposal. The project will also provide data on the capability of SCWO in removing contaminants such as PFAS and other persistent organic pollutants from wastewater sludge. Olathe will deploy the system to treat various waste streams over a six-month period, after which they will determine the potential to scale 374Water's technology at the facility.

"Partnering with 374Water allows Olathe to explore innovative sludge management strategies that prioritize sustainability and efficiency," said Sabrina Parker, City of Olathe Water and Sewer Manager. "We are excited to commence operations with the AirSCWO system and dewatering capabilities, which will help us assess new approaches to managing biosolids while advancing our environmental goals."

Stephen Jones, Interim CEO of 374Water, added, "We are thrilled to collaborate with the City of Olathe on this project. The scale of this operation provides a unique opportunity to showcase the effectiveness of SCWO in a municipal setting and further the development of 374Water's technology. This partnership exemplifies how cities and innovative waste destruction technology companies can work together to create sustainable solutions for complex waste management challenges.

"This sale and deployment at Olathe represents a critical step in evaluating AirSCWO technology as a scalable and environmentally responsible solution for municipal wastewater treatment. Insights gained from this project are expected to inform future adoption of AirSCWO systems by other municipalities seeking to reduce sludge disposal costs, mitigate environmental risks, and comply with emerging regulatory standards," concluded Jones.

About 374Water

374Water Inc. (NASDAQ: SCWO) is a global industrial technology and services company providing innovative solutions addressing wastewater treatment and waste management issues within the industrial, municipal, and federal markets. 374Water's AirSCWO technology is designed to efficiently destroy and mineralize a broad spectrum of non-hazardous and hazardous organic wastes, producing safe dischargeable water streams, safe mineral effluent, safe vent gas, and recoverable heat energy. 374Water's AirSCWO technology has the potential to assist its customers to meet discharge requirements, reduce or eliminate disposal costs, remove bottlenecks, and reduce litigation and other risks. 374Water continues to be a leader in innovative waste treatment solutions, dedicated to creating a greener future and eradicating harmful pollutants. Learn more by visiting www.374water.com and follow us on [LinkedIn](#).

Cautionary Language on Forward-Looking Statements

Certain statements in this communication are "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, as amended. These statements relate to future events

or our future financial performance, including statements relating to whether Olathe will purchase an additional or larger AirSCWO System, and 374Water's ability to destroy PFAS at scale, and 374Water's future prospects and involve known and unknown risks, uncertainties, and other factors that may cause 374Water's actual results, levels of activity, performance, or 374Water's achievements or those of its industry to be materially different from those expressed or implied by any forward-looking statements. In some cases, forward-looking statements may be identified by the use of words like "may," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "believe," "estimate," "project," "consider," "predict," "potential," "feel," or other comparable terminology. 374Water has based these forward-looking statements on its current expectations, assumptions, estimates, beliefs, and projections. While 374Water believes these expectations, assumptions, estimates, and projections are reasonable, such forward-looking statements are only predictions and involve known and unknown risks and uncertainties, many of which involve factors or circumstances that are beyond the 374Water's control. These and other important factors, including those discussed under "Risk Factors" in 374Water's Form 10-Q for the quarter ended June 30, 2025, as well as 374Water's subsequent filings with the SEC, may cause actual results, performance, or achievements to differ materially from those expressed or implied by these forward-looking statements. The forward-looking statements herein are made only as of the date they were first issued, and unless otherwise required by applicable securities laws, 374Water disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

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