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Ferrate Solutions, Corp. Named as a Top 10 Wastewater Management Solution Provider

Utilities Tech Outlook magazine highlights company and CEO & Founder in cover story of the 2020 Wastewater Management edition

(Melbourne, FL) Utilities Tech Outlook magazine has named Ferrate Solutions, Corp. as a Top 10 Wastewater Management Solution Provider in the publication's annual Wastewater Management edition. The company, along with CEO & Founder, Thomas D. Waite was featured in the issue's cover story that published on August 6, 2020.

Ferrate Solutions Corp. is a Florida-based new market entrant that uses the chemical compound Ferrate to effectively and affordably remove most types of contamination from water and wastewater, including nutrients like phosphorus and nitrogen, as well as pesticides, bacteria, heavy metals, radionuclides, and more. Ferrate is also showing solid results in laboratory testing for removing PFAS (polyfluoroalkyl substances) from Florida water samples. Ferrate Solutions Corp. was recently selected as a "new technology" through a state grant to provide nutrient removal and blue green algae mitigation just north of Lake Okeechobee and the Florida Everglades.

Utilities Tech Outlook is an enterprise technology magazine that reaches 36,000 corporate and technology executives in the utility sector. In the 2nd annual edition on Wastewater Management, Utilities Tech Outlook featured insights from thought leaders on the latest industry trends, innovations, and best practices on capturing, treating, and reusing industrial wastewater.

As part of the issue, Utilities Tech Outlook compiled a list of Top 10 Wastewater Management Solutions Providers 2020 that "continuously help organizations manage their wastewater within their industrial systems" of which Ferrate was featured amongst other companies like Calgon Carbon Corporate and BioMicrobics Inc.

"It's an honor for Ferrate Solutions to be recognized as a Top 10 Wastewater Management Solutions Provider," says CEO and Founder, Thomas D. Waite PhD PE. "New technology is needed to tackle the tough and emerging challenges with treating and reusing wastewater around the globe. We're pleased to be in good company with other internationally-recognized companies in the industry."

The "International Commercialization of Ferrate" cover story is a 3-page profile on the company and describes how Ferrate Solutions Corp. uses the unique capabilities of high valence iron (FeO_4^{2-}) to clean and disinfect all kinds of wastewater. The company was launched in early 2019 and is already positioned globally with projects coming online in Asia and the Middle East, as well as the United States.

The Utilities Tech Outlook Wastewater Management edition is now published and the digital magazine can be accessed [here](#). For more information on Ferrate Solutions visit, www.ferrate-solutions.com.

Ferrate Solutions is currently conducting treatability tests. For more information please contact info@ferrate-solutions.com.

More about Thomas D. Waite PhD PE PE – Founder and CEO of Ferrate Solutions, Corp. (Dr. Waite is available to serve as a technical expert source for the media on related topics) Thomas Waite is an internationally renowned environmental engineer with more than 40 years' experience in developing water and wastewater treatment technologies, including high-valence iron chemistries. His laboratories have lead the research in these technologies, and he has designed and built full scale treatment systems. Dr. Waite brings a lifetime of experience as a researcher and practicing environmental engineer with a specialty in water quality control to this role. Dr. Waite has a PhD in Environmental Engineering from Harvard University, and has risen to several positions at the University of Miami and Northwestern University, including Professor of Civil and Environmental Engineering, Chairman of the Department of Civil Engineering, Associate Dean of the College of Engineering, and Director of the Laboratories for Pollution Control Technologies. In 2002 Dr. Waite was appointed Program Director of the Environmental Engineering Program at the National Science Foundation (NSF). In 2005 he became the Dean of the College of Engineering at the Florida Institute of Technology. He is the author, co-author or editor of four books and more than 150 technical reports and research presentations.

In addition to university-based scholarship and research, Dr. Waite has had extensive experience in consulting and practicing engineering, both domestically and abroad. Dr. Waite led research to develop advanced membrane systems for oil-water separation for the U.S. Navy in Annapolis Maryland. He spent a year working at the Nanyang Technological University in Singapore where he was the first to design and build processes for treatment of ships' ballast water. Based on this breakthrough research, Dr. Waite was included in the Singapore delegation to the International Maritime Organization (IMO) of the United Nations in London England. Dr. Waite developed the official treatment standards for ballast water treatment to prevent the transport of unwanted species which were formally adopted by the IMO and are in force today around the world. Dr. Waite has also participated as an international expert in marine pollution at the Helsinki Water Protection Laboratory in Finland. Dr. Waite led an industrial waste survey in Barbados, West Indies and Belize, Central America while being a consultant to the Caribbean Community Secretariate. Dr. Waite has been a go-to expert for the Pan-American Health Organization (PAHO) dealing with hazardous waste disposal issues throughout South and Central America. Based on results from these assignments Dr. Waite was asked by the World Health Organization (WHO) to lead a working group on coordination of technical cooperation for improving access and quality of drinking water globally.

Because of Dr. Waite's work with high-energy electron accelerators utilized for environmental treatment, Dr. Waite became a technical expert for the International Atomic Energy Agency (IAEA) of the United Nations. In this role he was sent on assignments as an expert to work with the governments of Brazil, Ecuador, Saudi Arabia, Korea, and Egypt.

Dr. Waite has also held appointments with both federal and state agencies in the US. He was a committee member on four National Research Council (NRC) committees dealing with marine pollution and transport of unwanted species by ships' activities. Dr. Waite was recently appointed to the Florida Oceans and Coastal Counsel by the Florida legislature.

More about the global water treatment industry... The global water and wastewater markets are expected to reach USD 674.72 billion by 2025, driven by the rising demand for fresh water for drinking, industrialization and agriculture. Water & wastewater treatment processes such as softening, deodorization and purification are essential in making water more useful and potable. Asia Pacific is the largest market area accounting for 43.9% of revenue share in 2016. The Asia Pacific municipal water and wastewater market is likely to grow at a CAGR of 5.3% over the forecast period. Additionally, the market size for water treatment chemicals was already valued at USD 14.92 billion in 2016 and is expected to grow. Industry experts are very aware that the increasing regional scarcity and rising cost of water will endorse larger stress on recycling and reuse of water, making efficiency and cost effectiveness a very high priority across industries. New technologies will play a critical role in meeting this demand.

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