LiqTech Launches Enhanced Aqua Solution® Membrane for Commercial Pool and Spa Market

BALLERUP, Denmark, Nov. 3, 2022 — **LiqTech International, Inc.** (NASDAQ: LIQT), a clean technology company that manufactures and markets highly specialized filtration products and systems, today announced the launch of an enhanced Aqua Solution® membrane, based on its proprietary silicon carbide (SiC) membrane technology, applied for the commercial pool and spa filtration market.

The Aqua Solution® is a LiqTech filter solution for liquids with a lower number of suspended solids. LiqTech Aqua Solution® integrates a dead-end structural design with cutting-edge membrane technology in a solution specifically designed for applications in the pre-treatment for reverse osmosis, wastewater treatment, and swimming pool and spa water filtration. The dead-end design yields a more cost-efficient filtration performance compared to other filtration principles. As a comparison, for the same water flow treatment, traditional sand filters require 400 times more space and have pore sizes three times larger than LiqTech SiC membranes. Moreover, LiqTech Aqua Solution® reduces the number of membrane elements, pressure vessels, the water consumption for backwash, and the energy costs by offering high flow capabilities at very low pressure.

Fei Chen, CEO of LiqTech, commented, “The new Aqua Solution® membrane demonstrates notable improvements to our existing membrane solution both in production process stability as well as final membrane product robustness. This improved performance builds upon LiqTech’s more than 20 years of leading position in SiC membrane technology. LiqTech Aqua Solution® commercial pool and spa filtration solution stands out in providing consistent and high-quality water filtration with 65% less footprint, reduced water usage and less chemical consumption, consequently at much reduced costs for operation and maintenance.”

“The commercial pool and spa filtration market is one of the market segments that LiqTech intends to aggressively pursue in the years to come. We are excited to be able to offer our enhanced Aqua Solution® membrane to further improve our Aqua Solution® commercial pool and spa filtration system performance to better fulfil our customer’s requirements,” Mrs. Chen concluded.

ABOUT LIQTECH INTERNATIONAL, INC.

LiqTech International, Inc., a Nevada corporation, is a clean technology company that provides state-of-the-art ceramic silicon carbide filtration technologies for gas and liquid purification. LiqTech's silicon carbide membranes are designed to be used in the most challenging purification applications, and its silicon carbide filters are used to control diesel exhaust soot emissions. Using nanotechnology, LiqTech develops products using its proprietary silicon carbide technology, resulting in a wide range of component membranes, membrane systems, and filters for both microfiltration and ultrafiltration applications. By incorporating LiqTech's SiC liquid membrane technology with the Company´s extensive systems design experience and capabilities, LiqTech offers unique, turnkey solutions for the most difficult water purification applications.

For more information, please visit: www.liqtech.com

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Forward-Looking Statements

This press release contains "forward-looking statements." Although the forward-looking statements in this release reflect the good faith judgment of management, forward-looking statements are inherently subject to known and unknown risks and uncertainties that may cause actual results to be materially different from those discussed in these forward-looking statements. Readers are urged to carefully review and consider the various disclosures made by us in the reports filed with the Securities and Exchange Commission, including the risk factors that attempt to advise interested parties of the risks that may affect our business, financial condition, results of operation, and cash flows. If one or more of these risks or uncertainties materialize, or if the underlying assumptions prove incorrect, our actual results may vary materially from those expected or projected. Readers are urged not to place undue reliance on these forward-looking statements, which speak only as of the date of this release. We assume no obligation to update any forward-looking statements in order to reflect any event or circumstance that may arise after the date of this release.

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