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KMS Installs PURON® PLUS Package System in Canada Featuring PULSION® MBR

Wilmington, MA – October 31, 2018 — Koch Membrane Systems (KMS), a global leader in the development and manufacture of membrane-based filtration technologies, announces the commissioning of a PURON PLUS packaged MBR system in Saskatoon, a city within the province of Saskatchewan, Canada.

The PURON® PLUS system provides a compact and turnkey wastewater treatment solution that is fully automated and provides consistent high-quality effluent for safe discharge or reuse.

Due to Canada's challenging climate and dispersed populations outside of city areas, simple and reliable decentralized treatment systems are often preferred to treat municipal wastewater streams. As a differentiated membrane and system provider, KMS has been selected for this project due to their ability to provide a comprehensive solution with market leading technology.

For this project, KMS partnered with Proteus Water Inc., a Canadian company focused on providing integrated wastewater treatment solutions for small communities.

"We decided to go with KMS modules due to their reliable, compact and efficient MBR solutions," said Jason Tratch, president and CEO of Proteus Water. "Compact MBR systems are the only answer for the small municipalities in Canada, meeting the financial expectations as well as the technical challenges. The PURON PLUS system featuring PULSION MBR membranes is herewith a very promising solution due to its increased efficiency and its decreased footprint."

Capable of treating an average design flow of approximately 100,000 gpd (375 m³/d) of municipal wastewater, the PURON PLUS P-100 system selected for this project features KMS' latest innovative and patented PULSION MBR technology. The benefits of PULSION MBR offer best in class reliability and productivity with the lowest energy consumption.

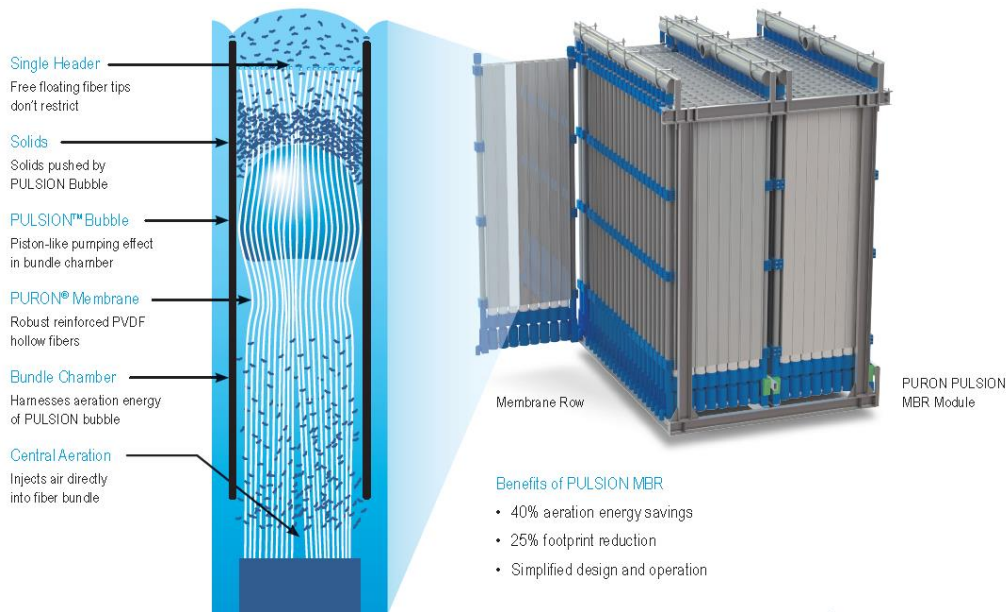
"The efficiency and the reliability of MBR systems has been proven in thousands of places all over the world and it will be the best applicable solution for the Canadian market," said Jack Noble, general manager Water and Wastewater (EMEA) of Koch Membrane Systems.

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About PULSION® MBR

PULSION MBR pulses a large bubble through a chambered fiber bundle creating a highly efficient piston-like pumping action resulting in lower air and aeration energy requirements than traditional air scour methods. This innovative product is able to harness the aeration energy utilizing the unique single header and central aeration design of the PURON membrane module.



The compact PURON Plus Package Systems (left) fits in small modular buildings as a decentralized treatment solution as here in Saskatoon (right).



About Koch Membrane Systems

Filtration for a Better Future...

For more than five decades, Koch Membrane Systems, Inc. (KMS) has led the way in developing innovative membrane technologies that serve a diverse range of industries and applications around the globe. KMS provides membrane filtration solutions to markets including industrial and municipal water and wastewater, food and beverage, life sciences and industrial processes, helping thousands of customers recover high value products, reduce their water footprint, increase productivity, and reduce costs. With an installed base approaching 20,000 systems throughout the world, KMS is setting the standard as a comprehensive membrane solutions provider. www.kochmembrane.com

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