



**Smith & Loveless Inc.**

**NEWS RELEASE**

April 7, 2025

## **Smith & Loveless Inc. Highlights the OXIGEST® MBR™ Wastewater Treatment System**

*Advanced MBR technology delivers high-quality effluent in a space-saving design*

LENEXA (Kan.) – Smith & Loveless Inc., the global leader in advanced grit removal system technologies, highlights the **OXIGEST® MBR™** Wastewater Treatment System, a state-of-the-art solution combining proven biological treatment with membrane filtration technology. Designed for municipal and industrial wastewater applications, the **OXIGEST® MBR™** system offers superior effluent quality, reduced footprint, and fully automated operation.

The **OXIGEST® MBR™** system integrates S&L's field-erected **OXIGEST®** treatment system with advanced membrane bioreactor (MBR) technology, achieving high-performance biological nutrient removal (BNR) and water reuse capability. With a treatment capacity ranging from 0.1 to 3 million gallons per day (MGD), this system provides a scalable and adaptable solution for municipalities, private developments, and industrial facilities seeking efficient wastewater treatment and stringent effluent compliance.

A key advantage of the **OXIGEST® MBR™** system is its optimized footprint, which eliminates the need for expansive tank farms by utilizing a compact design with concentric tankage. This space-efficient approach reduces capital costs while maintaining the highest levels of treatment performance. The system can be applied to both new installations and upgrades of existing S&L Model R **OXIGEST®** plants through the integration of the **TITAN MEM-BOX™**, transforming conventional extended aeration processes into full MBR systems.

Equipped with smart automation, the **OXIGEST® MBR™** system features advanced instrumentation and monitoring capabilities, including **QUICKSMART™** touchscreen controls and remote operation functionality. Precision control of dissolved oxygen, blower pressure, and air flow enhances energy efficiency while ensuring optimal treatment conditions. Stainless steel tankage and piping provide long-term durability, and the system's modular factory-built MBR tankage expedites installation and commissioning.

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FOR MORE INFORMATION, CONTACT:  
Darby Ritter, Marketing Communications Manager  
[dritter@smithandloveless.com](mailto:dritter@smithandloveless.com) | (913) 888-5201 ext. 494



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Smith & Loveless supports **OXIGEST® MBR™** projects with comprehensive design and engineering expertise, guiding customers from initial planning through implementation. With decades of experience in biological treatment plant design, the company delivers cost-effective and high-performance wastewater solutions for a wide range of applications, including municipal utilities, industrial facilities, military installations, and private developments.

For more information about the **OXIGEST® MBR™** Wastewater Treatment System and other Smith & Loveless solutions, visit [www.SmithAndLoveless.com](http://www.SmithAndLoveless.com).

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**About Smith & Loveless, Inc.**

Founded in 1946, Smith & Loveless Inc. is a global manufacturing leader of engineered systems for the water and mining industries with installations in more than 75 nations around the world. For more information on Smith & Loveless Inc. and its products, visit [www.smithandloveless.com](http://www.smithandloveless.com), and follow the company on [LinkedIn](#) and [Twitter](#).

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[dritter@smithandloveless.com](mailto:dritter@smithandloveless.com) | (913) 888-5201 ext. 494