## Private and Commercial Development TITAN MBR Market Application



# A Better Choice for Private & Commercial Developments

Packaged Smith & Loveless **TITAN MBR**<sup>™</sup> Membrane BioReactor (MBR) provides commercial and private developers costeffective solutions and project benefits for enhanced wastewater treatment and water reuse. These sustainable systems solutions lower the total cost of the project and ownership while drastically minimizing land requirements and operation and maintenance typical of conventional treatment plants and MBRs.

#### Easy to Install. Robust Plant Designs

S&L **TITAN MBR**<sup>™</sup> systems utilize S&L flat-sheet membranes to meet or exceed the most stringent regulatory standards (including California Title 22) for direct discharge and secondary reuse applications. Designed with rugged stainless steel componentry

and pre-wired cable trays, we have simplified things into a truly factory-built plug-and-play system. The only thing that needs installation on site is the fine screen. Pre-engineered systems range in capacity from 1,000 GPD (3.8 m<sup>3</sup>/d) to 0.1 MGD (1,890 m<sup>3</sup>/d).

#### **Complete Project Support**

From the beginning stages through design, delivery and startup, our team is there to assist developers and their partners with complete project support, including design calculations, complete drawings, process selections, start-up and after market service after installation. Smith & Loveless pioneered single-source responsibility for wastewater equipment more than 65 years ago, and we look forward to serving our customers for decades to come.

### **Benefits for Developers**

- Complete project support by S&L
- Robust plant design
- Plug and play installation
- Extremely space-efficient
- Models as narrow as 8' deep
- Easiest O&M of any MBR



## Private and Commercial Development TITAN MBR Market Application

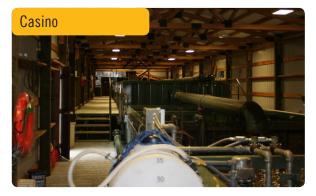


Application:Private DeveloRequirements:Minimal LandWater Reuse /Peak Flow:101,000 GPD(382 CMD)

Private Development Minimal Land Usage, Water Reuse / Reclamation 101,000 GPD (382 CMD)



Application: Requirements: Peak Flow: Housing Development Minimal Land Usage, Simplified Maintenance 35,000 GPD (132 CMD)



Application: Requirements: Flow: Lucky Eagle Casino Effluent Quality 100,000 GPD (378.5 CMD)



Application: Requirements: Peak Flow: Private Development Minimal Land Usage, Water Reuse / Reclamation 101,000 GPD (382 CMD)



Application: Requirements:
Peak Flow:

Youth Camp Minimal Land Usage, Strict Effluent Requirements 18,500 GPD (70 CMD)



Application: Requirements: Peak Flow:

Health Care / Nursing Home Minimal Land Usage, Nitrogen Reduction 22,300 GPD (84 CMD)