

# **Easy Wastewater Treatment for Private & Commercial Developments**

The packaged Smith & Loveless TITAN MBR™ Membrane BioReactor (MBR) provides commercial and private developers the most cost-effective solution for enhanced wastewater treatment and water reuse. Enhanced to make operation even more automated and simpler, and regular maintenance even safer and less frequent than any other membrane system, the new TITAN MBR™ features more compact models with the ability to achieve customized effluent goals and water reuse efficiently.

#### Easy to Install. Robust Plant Designs

S&L **TITAN MBR™** 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 m³/d) to 0.1 MGD (1,890 m³/d).

#### Complete Project Support

From the beginning stages through design, delivery and start-up, we are there to assist you with complete project support, including design calculations, drawings, process selections, start-up and after market service 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' (2.4m) deep
- Easiest O&M of any MBR



## **Private and Commercial Development**

### TITAN MBR™ Market Application



**Application:** Private Development **Requirements:** Minimal Land Usage,

Water Reuse / Reclamation

Peak Flow: 101,000 GPD

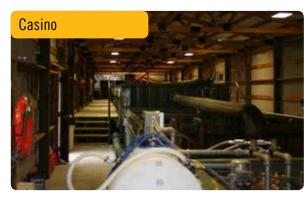
(382 CMD)



**Application:** Housing Development **Requirements:** Minimal Land Usage,

Simplified Maintenance

**Peak Flow:** 35,000 GPD (132 CMD)



Application: Lucky
Requirements: Effluo
Flow: 100,0

Lucky Eagle Casino Effluent Quality 100,000 GPD (378.5 CMD)



**Application:** Private Development **Requirements:** Minimal Land Usage,

Water Reuse / Reclamation

Peak Flow: 101,000 GPD

(382 CMD)



**Application:** Youth Camp

Requirements: Minimal Land Usage,

Strict Effluent Requirements

Peak Flow: 18,500 GPD

(70 CMD)



**Application:** Health Care / Nursing Home

Requirements: Minimal Land Usage,

Nitrogen Reduction

Peak Flow: 22,300 GPD (84 CMD)