



INSTALL TIME

24 HRS

HIGHLIGHTS

Project History :

Conversion (2008), Parts Supply (2025)

Wastewater Type(s) :

Commercial

Application(s) :

Casino, Office, Hotel

Discharge Type(s) :

Reuse + Discharge

DESCRIPTION

Chukchansi Gold Resort & Casino, located in California's Sierra Nevada foothills, relies on MBR treatment of wastewater from guest accommodations, kitchens, and gaming operations.

In 2008, members of our team helped convert the original sequencing batch reactor (SBR) into an MBR system. More recently, M|MBR delivered a backward-compatible, Toray-based membrane upgrade that increased membrane area by 17% while preserving space for up to 75% additional future capacity.

The drop-in, part-for-part module design required no significant changes to ancillary equipment and was completed in days. Working closely with the plant operator, M|MBR helped restore the plant to its design capacity, improve reliability, and modernize the facility with minimal disruption.

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I've worked with the MMBR team for 25 years on numerous projects. When I needed help with this upgrade, I called the people I trust.

Trevor Miller, Operator

2025 PROJECT OVERVIEW

Project Category : Aftermarket

Project Type : Membrane Products (Part-for-Part)

Scope : Equipment Only

Previous Membrane : Kubota EK-300 SMU (Flat Plate, Polymeric)

Installed Membrane : Toray NHP (Flat Sheet, Polymeric)

The Universal MBR Hub

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Results are site-specific and not a guarantee of performance; contract documents govern. Install time refers to the membrane changeout. Project history may include work by M|MBR team members before M|MBR Systems LLC was formed. Testimonials reflect individual views at the time given. Third-party product names are trademarks of their owners, used for identification only; no affiliation or endorsement is implied.