



## Winery Receives Green Certification with Sustainable S&L Technology

This prominent Napa County vineyard and winery received a prestigious green certification after committing itself to sustainable and environmentally-friendly technologies and practices, including the installation of a dynamic MBR wastewater treatment system.

Napa Green Certified Winery certification is a “Napa-specific set of sustainable and green business practices developed for wineries,” that promote the preservation and enhancement of Napa Valley, an area well known for its quantity and quality of wine producers.

As one of the first ever Napa Green Certified Wineries, the facility upholds its commitment to the environment through a variety of practices, including reducing energy output and closely monitoring pollution and landfill waste. However, a big part of this movement is water conservation and reuse, made possible by the **TITAN MBR™** Wastewater Treatment System installed by Smith & Loveless.

This pre-engineered and packaged treatment system features a compact design and superior membrane technology for treatment of high-strength winery wastewater.

High quality effluent is now produced that meets the winery’s strict requirements and can be reused by the winery in a number of functions, including cleaning and watering its crops.

### Project Details

<b>Application:</b>	Winery, Calistoga, Ca.
<b>Product:</b>	<b>TITAN MBR™</b> Membrane Bioreactor System
<b>Requirements:</b>	High Quality Effluent, Water reuse/reclamation
<b>Avg. Flow:</b>	10,000 GPD (38 CMD)
<b>Peak Flow:</b>	12,500 GPD (47 CMD)
<b>Influent BOD:</b>	7,700 mg/L
<b>Influent TSS:</b>	1,200 mg/L
<b>Effluent BOD/TSS:</b>	Less than 5 mg/l
<b>Dimensions:</b>	19.8 m X 3.7 m

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