



# RODI systems

## Project Photos

### Project Information

**Client:** Stephen Ross Winery

**Location:** San Luis Obispo, California, USA

**Application:** High strength biological waste treatment

**Description:** The Stephen Ross Winery is located within San Luis Obispo and was being surcharged for high strength waste being discharged to the SLO waste treatment system. This self-contained membrane bioreactor (MBR) waste treatment system allowed Stephen Ross to continue to discharge to the public system at a greatly reduced waste strength.



The system is mounted inside a 20 foot intermodal shipping container. This allows the system to be delivered complete with a minimum of site preparation. In this application, the system was simply located outside the winery and installed with no disruption to winery production schedule.

The heart of the MBR system is the submerged membrane modules which separate the suspended solids from the mixed liquor. The ultrafilter membranes reject solids greater than 0.01 micron in size thus generating effluent of superior quality. This photo illustrates the air used to keep the membrane modules clean during operation.

