



STATE WATER RESOURCES CONTROL BOARD ORDER FOR WINERY PROCESS WATER

General Waste Discharge Requirements for Winery Process Water Order #WQ 2021-0002-DWQ

Three process water discharge categories are addressed in the General Order, including process water treatment ponds.

Process Water Treatment Ponds are often not the final process water discharge point, but they are regulated because there is a potential for pond seepage to impact underlying groundwater. Over 1,480 California wineries may be required to line their new or existing ponds depending on their tier level and monitor and report data. The table below provides a summary of these requirements.

Monitoring and Reporting Requirements increase in number, complexity and frequency between Tiers 1 and 4. For Tier 1, only winery effluent flow needs to be monitored and monthly compliance letters and annual reports need to be submitted to the regional water board.

For Tiers 2, 3 and 4, monitoring is required for the following items depending on the type of system the winery has:

- a. Source Water Monitoring: flow and water quality
- b. Winery Effluent Monitoring: flow and water quality
- c. Pond Monitoring: observations, dissolved oxygen, pH, and EC (electrical conductivity).

State Water Resources Control Board Order WQ 2021-0002-DWQ General Waste Discharge Requirements for Winery Process Water, January 20, 2021



**A PRODUCT SPECIFICALLY
DEVELOPED FOR WINERIES!**



Developed specifically to help Tier 2-4 wineries
to document water quality related to
CA General Order WQ 2021-0002-DWQ



www.sunflo2.com

FLOATING SENSOR PLATFORM (FSP-W)



Self-contained, portable water quality sensors measuring and documenting treatment system conditions in real time.



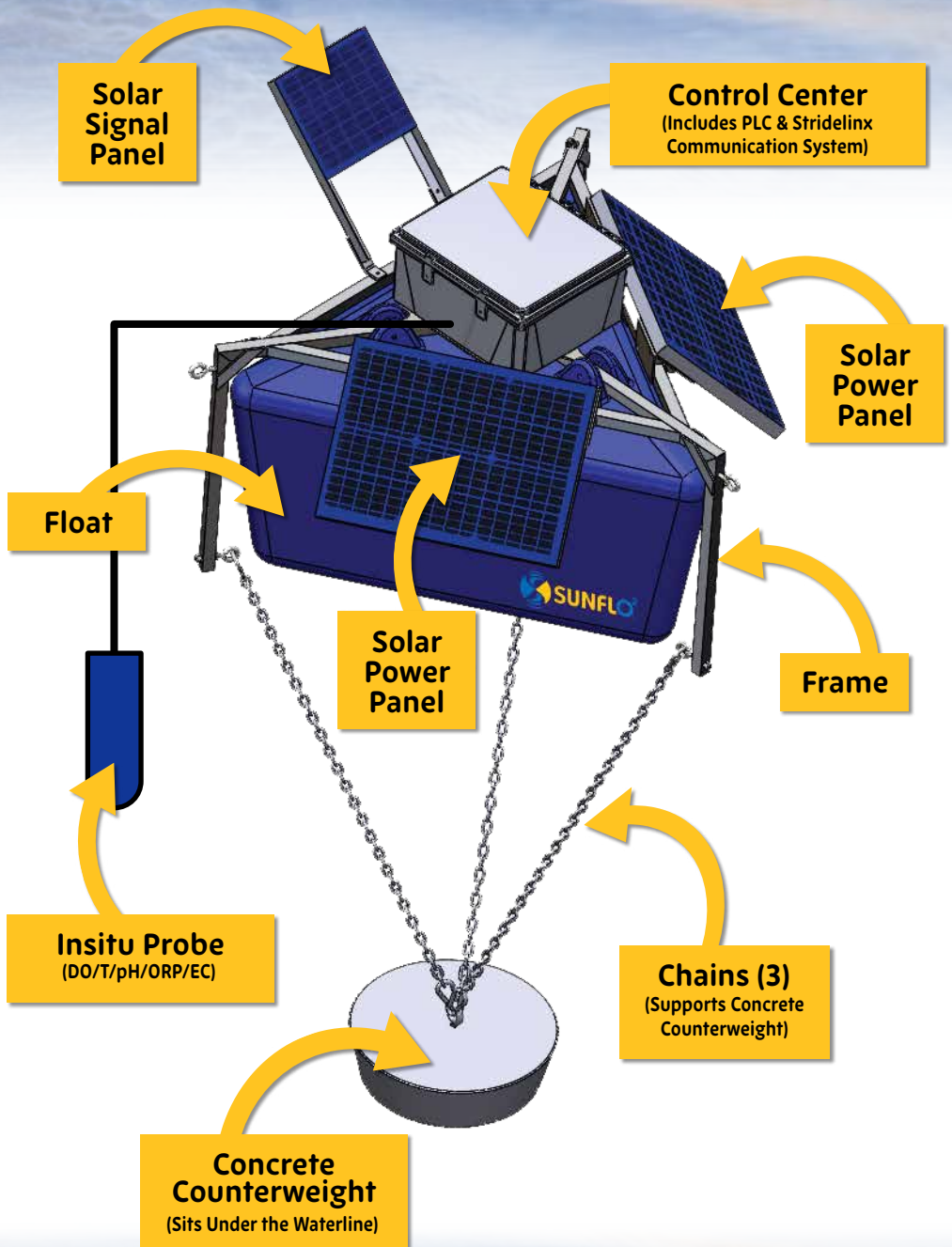
BENEFITS

- Portable method of measuring water quality at pond influent and/or effluent locations.
- Daily water quality monitoring & documentation.

APPLICATIONS

- At influent or effluent to provide an indicator of water quality.

FSP-W MODEL BREAKDOWN



REAL TIME MONITORING

POND MONITORING

Sunflo2 Provides the Following:



OBSERVATION



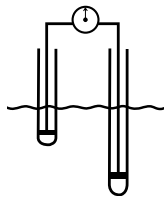
**DISSOLVED
OXYGEN**



TEMPERATURE



PH



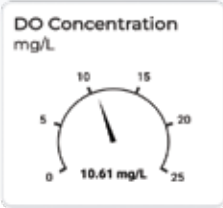
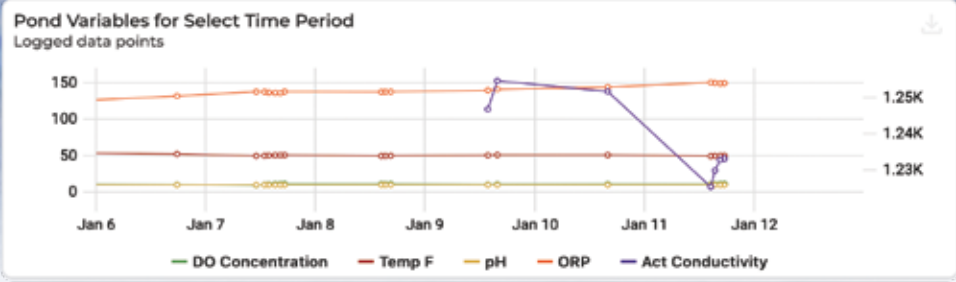
**OXIDATION
REDUCTION
POTENTIAL**



**ELECTRICAL
CONDUCTIVITY**



DAILY, WEEKLY & MONTHLY REPORTING



WQ 2021-0002-DWQ Variables
live values

pH	9.74
ORP	153.38 mV
Act Conductivity	1,211.75 µS/cm

← FSP Wine Demo ☆

Last 7 days from today

Monitoring

Select a Date Range
from Real-Time to
Historic Data to Track
Water Quality.

Click to download a
CSV file of data for the
selected time period.

Time range selection

From * 1/1/2024, 12:00:00 AM To * 1/12/2024, 11:59:59 PM

Cancel Apply

History Download



**STRIDELINX
TECHNOLOGY AT
YOUR FINGERTIPS!**



www.sunflo2.com



**31700 Highway 1804
Wilton, ND 58579
info@sunflo2.com
701.734.7663**



www.sunflo2.com