

# ERTEC Environmental Systems

Protecting Global Lands and Waterways™

## Case Study ProWattle™ Vineyard Operations



- > Lower Operational Costs
- > Better Performance
- > Sustainable—Zero Waste
  - ✓ Reusable
  - ✓ Recyclable



**Application:** Vineyard Ops, Sediment & Erosion Control  
**Product:** ERTEC ProWattle™  
**Customer:** Kunde Family Estates Vineyard, Kenwood, CA  
**SWPPP contact:** Steve Thomas, Director Vineyard Operations

ERTEC ProWattle™ is ideal for Vineyard Operations as a replacement for traditional devices such as silt fence and wattles. Its advantages are significant. It can be reused multiple times over multiple seasons. It is higher performing, lower cost, and zero waste. ProWattle™ is designed to protect slopes, swales & perimeters from erosion and dramatically reduces logistics, installation and maintenance costs. ProWattle™ is fast to install and unlike straw wattles and silt fence, it spreads rather than concentrates flow.



Velocity check for ditch or channel

**The Challenge:** The current best practice in vineyards is to use either silt fence or wattles to keep soil in-place. Wattles and silt fence can become ineffective by allowing damming and undercutting. As the straw or fence material decays, storm water flow-through and overtopping becomes common. Straw wattles and silt fence are short term single-use, then throw-away items.



**Results:** "ProWattle™ is great as a velocity check on our dirt roads. ProWattle can take some abuse, a distinct advantage for field operations during the winter. We use 4 wheelers to access the vineyards and can drive over them without having to stop and remove/reinstall or drive around. ProWattle™ is easy to install, remove, store for next year. I'm into the 4th season with the same material. We remove most of the ProWattle™ during the summer, store it inside, then install again every year. The mat'l cost is higher but the savings are substantial. It's so much easier to work with. I don't know why anyone would use straw wattles. I will buy every year until I have enough for all our needs." - Steve Thomas, Director of Operations—Kunde Family Estates



Swale Protection

ERTEC is Caltrans approved and included in the CASQA online Construction BMP Manual

