

ERTEC Environmental Systems

Protecting Global Lands and Waterways™

Case Study ProWattle™



- > Lower Project Costs
- > Better Performance
- > Zero Waste!
 - ✓Recycled
 - ✓Reusable
 - ✓Recyclable



Velocity check for ditch or channel



Ditch Protection



Application:

Golf Course Construction

Product:

ERTEC ProWattle™

Customer:

Aetna Springs Golf Course, Pope Valley, CA

Engineer:

Summit Engineering, Santa Rosa, CA

SWPPP Planner:

Lucinda Dustin, Sacramento, CA

ERTEC ProWattle™ is a patented, **high performing, low cost, and ZERO WASTE** system designed to protect slopes from erosion and perimeters from off-site sediment flow during construction. ProWattle™ dramatically reduces logistics, installation and maintenance costs. ProWattle™ is fast to install and unlike fiber rolls (wattles), it spreads rather than concentrates flow.

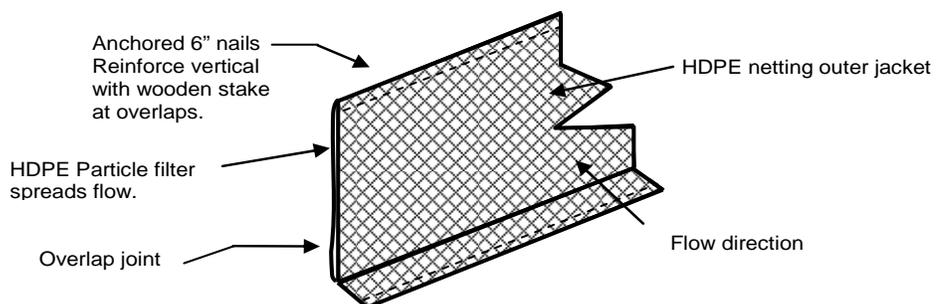
ProWattle™:

- Is part of a BMP system to protect slopes or ditches
- Designed to spread flow and eliminate undercutting
- Is made from recycled materials, easy to reuse and can be recycled at the end of life



The Challenge: Current best practice is to use either silt fence or wattles to keep sediment from moving off-site. In this application, 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. It is also undesirable to trench into the playing areas. Golf course construction projects often last 18 months or more and it is common for a large percentage of the wattle or silt fence installation to be require maintenance or replacement. It is also desirable to relocate and re-use the BMP as construction progresses through the phases.

Results: "ERTEC performed very well this year. Installation was quick and easy. ERTEC field service personnel trained the installer and supported the installation. The county inspector was happy with the performance. Because of the long-term endurance of the product, and quick installation the economics were favorable to alternatives." - Demae



Several U.S. and Int'l Patents apply

H329856 updated: 02/14

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