

ERTEC Environmental Systems

Protecting the Integrity of Global Lands and Waterways™

Case Study Edge Guard™



- > Lower Costs
- > Better Performance



Edge Guard lets water flow off-site and retains sediment.



Easy to install, remove, relocate and reuse



Ideal for small drainage areas

Application: Perimeter Protection: Mulch and Sediment Control for Small Drainage Areas

Product: ERTEC Edge Guard™

Location: Brentwood, California

Customer: Shea Trilogy, Brentwood

Project dates: 2006-2007

Edge Guard is a patented, high performance and low cost solution to retain sediment and mulch within small areas in and around your site. Additionally, during final grade, other BMP systems need to be removed, often leaving the area at risk during landscaping, and even for a while after vegetation has been planted. Installation of Edge Guard is very fast, can be left in place during planting – and it is easily removed without disturbing landscaping. Edge Guard is an important part of a comprehensive Best Management Practice for soil stabilization and re-vegetation. Edge Guard is highly reusable, and can be used over and over as the project progresses through its phases. Edge Guard is made from durable and recyclable HDPE.



Edge Guard can be used for:

- traffic islands
- new home lots after final grade
- small drainage areas
- perimeters with new sod, mulch & topsoil

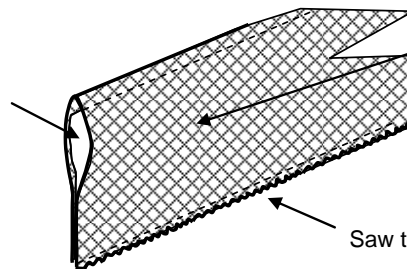
The Challenge: Around small areas, the current best practice is to use wattles or silt fence. After final grading and during landscaping many builders and inspectors say they don't have a good solution. For smaller drainage areas wattles or silt fence can be costly and difficult to work around. In most cases, wattles and silt fence cannot be reused in a multi-phase project.

Solution: Edge Guard is installed in a slot between the soil and concrete. The slot can be created with a shovel head or an edger. There are no anchors or stakes. If it looks necessary to provide additional structural support, u-shaped landscaping pins (6") can be used. Edge Guard packs very densely. It is very easy to work around—since it is very easily removed and reinstalled. For example—300 linear feet takes very little room in a landscapers pick-up truck.

Summary and results:

"Edge Guard" is working great for us. Economically, they do what they are advertised to do. They were so easy to install, maintain, remove, transport and reuse this season. This is a multiyear project and we plan to reuse these until project completion. - Cameron Sessions, SWPPP Director, Shea Trilogy—Vineyards, Brentwood, CA.

Particle filter allows water flow-through, and retains mulch and soil particles



HDPE outer jacket
8,000 openings per yd²

Saw tooth edge



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