



EarthGuard

SWPPP Insert for Temporary Soil Stabilization A Rain Event Action Plan (REAP) BMP

Meets CASQA Specifications for:

- Soil Binder EC-5
- Stockpile Management WM-3
- Wind Erosion Control WE-1

Definition: *EarthGuard* is a temporary erosion control system that works on the atomic level with soil to maintain its stability by both preserving existing soil structure and flocculating fine sediment dislodged by stormwater or wind. *EarthGuard* can be applied with a water truck, spray rig or hydroseeder and is active immediately, even during a rain event.

The use of stabilizers for soil stabilization/erosion control does not require an Active Treatment Plan (ATS) according to the State Regional Board.

Function: *EarthGuard* is used is to immediately temporarily stabilize active and inactive construction sites, pads, roads, slopes and stock piles for impending rain events. *EarthGuard* is specifically designed to work with all soil types to reduce soil movement and turbidity helping maintain compliance with environmental regulations.

EarthGuard can be used as a BMP to satisfy the Rain Event Action Plan (REAP) especially on Risk Level 2-3 sites.

Installation Instructions & Application Rate: Soil preparation is not required and *EarthGuard* can be applied over existing vegetation. Simply add *EarthGuard* to an on-site water truck or spray rig for immediate protection. *EarthGuard* will not harm equipment and should be applied at the following rates:

SLOPE	≤ 4:1	3:1	2:1	1.5:1	1:1	Stockpiles
EARTHGUARD (gal/ac)	3	4	5	6	8	10
Water	AS REQUIRED TO COVER TO COVER 1 AC OF AREA AND DEPENDENT ON EQUIPMENT'S ABILITY TO PROPERLY APPLY Hydroseeder ≈ 2000 gal/ac Spray Rig ≈ 2000 gal/ac Water Truck ≈ 2500 gal/ac					



Easy Storage
10 Gal Treats 1-3 ac

Simple Application