



# REAP

## Rain Event Action Plan

### EarthGuard's advantage.

- Actively controls turbidity
- Inexpensive application
- Environmentally friendly
- Can be applied over existing vegetation
- Low application rates: 3-10 gal per acre
- Easy handling and storage
- Packaged in 5 gallon pails

### Rain Event Action Plan

Recommended Application Rates:

SLOPE	gal/acre
Flat- 4:1	3
3:1	4
2:1	5
1.5:1	6
1:1	8
Stockpiles	10

### Also consider EarthGuard for full season pad winterization.

Apply 8-10 gallons per acre for the fastest and most economical way to stabilize pads.

### Meets CASQA specifications for:

Soil Binder EC-5

Stockpile Management WM-3

Wind Erosion Control WE-1

For Hydraulic Mulch – EC 3 and Hydroseeding – EC 4 use EarthGuard Fiber Matrix

## Simple, Effective & Affordable

EarthGuard can help satisfy new construction permit requirements by keeping stormwater clean.



EarthGuard is your solution to your Rain Event Action Plan (REAP) BMP and site winterization. Simply apply EarthGuard mixed with water to exposed soils to control erosion, dust and turbidity. **It's active immediately, even during a rain event.**

Caltrans Erosion Control Testing	79% effective
Controls Turbidity	YES
Active Immediately	YES

- No specialized equipment needed: apply with a water truck, hydroseeder or any spray rig
- Immediately active – even during a rain event
- Does not impede construction activity
- Use to treat active construction areas
- Does not require an active treatment plan or monitoring
- Reduces turbidity by settling dislodged sediment
- Safe for equipment - easy clean out





## SWPPP Insert for:

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

OR

Pad & Flat Area Winterization BMP

**Definition:** EarthGuard is a temporary erosion control system that stabilizes soil by maintaining existing soil structure and by settling out any fine sediment that may get dislodged by stormwater or wind.

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

### Temporary Soil Stabilization A Rain Event Action Plan (REAP) BMP:

**Function:** EarthGuard is used is to immediately stabilize active and inactive construction sites, pads, roads, slopes and stockpiles 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.

#### Recommended application rates:

Slope	EarthGuard (gal/ac)	Water (gal/ac)
≤ 4:1	3	<ul style="list-style-type: none"> <li>• As required to properly cover 1 ac of area.</li> <li>• Spray Rig ≥ 1500 gal/ac</li> <li>• Water Truck ≥ 2000 gal/ac</li> </ul>
3:1	4	
2:1	5	
1.5:1	6	
1:1	8	
Stockpiles	10	

### Pad & Flat Area Winterization BMP:

**Function:** EarthGuard is used is to provide extended erosion control protection on inactive pads, flat areas and roadway cuts. EarthGuard is specifically designed to work with all soil types to reduce soil movement and turbidity, helping maintain compliance with environmental regulations.

#### Recommended application rates:

Time (months)	EarthGuard (gal/ac)	Water (gal/ac)
1-2	3-5	<ul style="list-style-type: none"> <li>• As required to properly cover 1 ac of area.</li> <li>• Spray Rig ≥ 1500 gal/ac</li> <li>• Water Truck ≥ 2000 gal/ac</li> </ul>
2-3	5-8	
3-6	8-10	
6-12	10-15	
+ Application Rates dependent on anticipated precipitation throughout duration of required protection		

**Installation Instructions:** Soil preparation is not required and EarthGuard can be applied over existing vegetation. Simply add EarthGuard to a water truck, hydroseeder or spray rig and apply to disturbed soil for immediate erosion protection. Make multiple applications if necessary to avoid over saturation and the creation of run-off. EarthGuard is active immediately and will not harm equipment.



For technical services or to locate your nearest EarthGuard® dealer: call 1-888-843-1029  
Visit Terra Novo online at: [earthguard.com](http://earthguard.com)  
Terra Novo is located at: 2930 Patton Way, Bakersfield, CA 93308

