

**DESCRIPTION:**

Erosion control blankets are used in place of mulch on areas of high velocity runoff and/or steep grade, to aid in controlling erosion on critical areas by protecting young vegetation. See related Geotextiles and Mats BMP Fact Sheet (GM).

**APPLICATIONS:**

- ▶ Where vegetation is likely to grow too slowly to provide adequate cover.
- ▶ In areas subject to high winds where mulch would not be effective.
- ▶ On steep slopes in which planting and mulching alone may not be as effective.

**INSTALLATION/APPLICATION CRITERIA:**

- ▶ Install erosion control blankets parallel to the direction of the slope.
- ▶ In ditches, apply in direction of the flow.
- ▶ Place erosion control blankets loosely on soil - do not stretch.
- ▶ Ends of blankets should be buried no less than six inches deep.
- ▶ Staple the edges of the blanket at least every three feet.

**LIMITATIONS:**

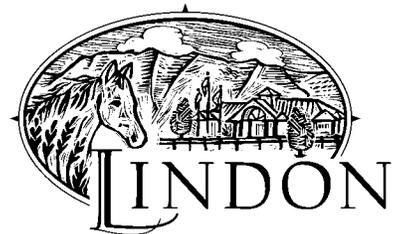
- ▶ Not recommended in areas which are still under construction.

**MAINTENANCE:**

- ▶ Check for erosion and undermining periodically, particularly after rainstorms.
- ▶ Repair dislocations or failures immediately.
- ▶ If washouts occur, reinstall after repairing slope damage.
- ▶ Monitor until permanently stabilized.

**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion



**TARGETED POLLUTANTS**

- Sediment
- Nutrients
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Other Waste

- High Impact
- Medium Impact
- Low or Unknown Impact

**IMPLEMENTATION REQUIREMENTS**

- Capital Costs
- O&M Costs
- Maintenance
- Training

- High     Medium     Low