

Chapter 3 - OVERVIEW OF EROSION, SEDIMENT, AND STORMWATER CONTROL PRACTICES (BMPS)

LEVEL SPREADER

Level spreaders provide a nonerosive outlet for concentrated runoff by dispersing flow uniformly across a stable slope. They are relatively low-cost structures designed to release small volumes of water safely. The drainage area should be limited to 5 acres, and the size of the spreader based on design runoff.

Construct level spreaders in undisturbed soil. The lip must be level to ensure uniform spreading of storm runoff and the outlet slope uniform to prevent the flow from concentrating. Water containing high sediment loads should enter a sediment trap before release in a level spreader.

A level spreader should be utilized where concentrated flows would otherwise enter a buffer zone or vegetative filter area.



Level spreader releases flow from a diversion onto a uniform stable area.