



SmartDitch Eliminates Severe Slope-side Erosion at Landfill With 145 ft. Elevation

Problem:

Perpetual erosion and slope stabilization issues due to water run-off from landfill summit.

Solution: The SmartDitch System

A 500 LF vertical downhill run of 24" depth trapezoidal SmartDitch was installed as the primary stormwater run-off and erosion control channel. Two flared-end sections were added to help guide the water flow at the top, and evenly disperse the run-off water into a rock-line holding area at the bottom.



"This is a great way to move a lot of water and prevent erosion," stated a Volusia County Landfill Maintenance Manager while speaking to the SmartDitch Distributor's representative from R.H. Moore & Assoc.

Project Details:

Elevation: 145 FT

Slope: 3:1

Length: 500 LF

Installation Contractor: Internal - Volusia County Solid Waste Operators

Construction Time: 4 days



500 LF of 24" SmartDitch was installed to eliminate this landfill's perpetual slope side erosion problems, caused by large amounts of water build-up from the landfill's summit.



A thermo-formed SmartDitch flared-end section was specified to help direct water flow from the landfill summit.

To contact your nearest SmartDitch Representative: 1-866-576-2783 / www.smartditch.com