

# 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

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.



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

## 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.

SmartDitch is manufactured in the USA. It is a safe, economical, long-lasting, and environmentally sound irrigation channel lining solution. For more information on the SmartDitch and the MegaDitch HDPE Channel Lining Systems contact:



866.576.2783 SMARTDITCH.COM