

# DRAINTUBE

## AT WORK

A DRAINTUBE™ Case Study

## Environmental Applications

**DRAINTUBE™** was used to drain rainwater above and landfill gas below a geomembrane on a cap project at the Grady Road Landfill in Rockmart, GA.

Smith Gardiner, Inc., of Raleigh, NC designed a landfill cap that included a 40 mil textured geomembrane with one drainage geocomposite on each side to collect LFG below and rainfall above. It decided to include **DRAINTUBE™** as an alternative to increase competition and add installation and performance advantages.

**DRAINTUBE™** was chosen and installed for the following reasons:

- Cost effective solution,
- Good hydraulic and mechanical performance,
- Fast and Easy to install.

Environmental Specialties International (ESI) installed the three layers of geosynthetics within two weeks. ESI installed more than 100,000 sqf of **DRAINTUBE™** per day.

**DRAINTUBE™** does not need plastic ties to connect adjacent rolls, just install external snap couplers to connect the pipes at the end of each roll and lyster or sew the joints together.

### Product:

DRAINTUBE 606 ST2 D25

Year: 2012

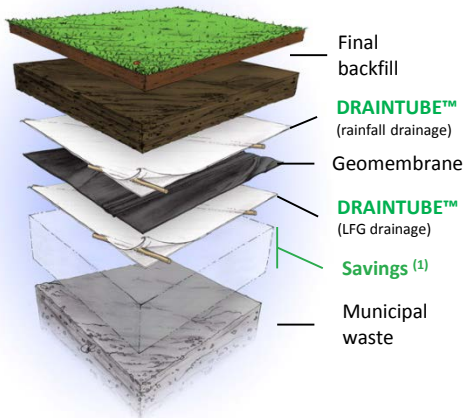
Owner: Waste Industries, Inc.  
 Engineer : Smith & Gardner

General Contractor: Brad Cole Const.  
 Geosynthetics Installer: ESI

### Cap Area:

42,000 m2 (450,000 sf) per layer

### Typical cap with DRAINTUBE™



(1) Compared to the use of granular collection systems for the drainage of LFG and Rainfall.

info@draitube.net  
 WWW.DRAINTUBE.NET



Produced by:



**DRAINTUBE™, the drainage YOU want!**