



# KIRSTENBOSCH GARDENS LONGTERM PERFORMANCE OF FLO-DRAINS WRAPPED IN KAYMAT

## CASE STUDY

**PROJECT:** Kirstenbosch Gardens  
**FLO-DRAIN Performance**

**DATE:** June 2000  
**QUANTITY:** 50m & 50m  
**PRODUCT:** **FLO-DRAIN  
GEOPIPE**

**FLO-DRAINS** were initiated in South Africa by Kaytech more than ten years ago. This project constructed in 1990 served as a pilot installation to launch **FLO-DRAINS** in the Western Cape.

Installed in highly organic, fine cohesive soils, there was some doubt as to whether the non-woven geotextile surround would survive clogging in the long term.

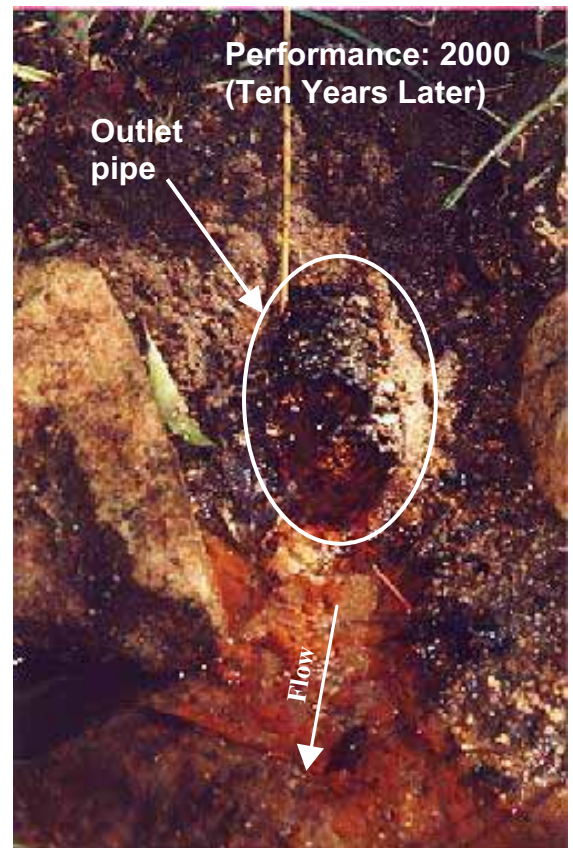
Below is a photograph taken in June 2000, ten years later, showing a clean, free-flowing **GEOPIPE** outlet. Proof once again of the long-term permeability performance of highly-permeable non-woven geotextiles. Also, no settlement was noted above the original **FLO-DRAIN** installation.



Installation 1990



Installation 1990



Performance: 2000  
(Ten Years Later)

Outlet pipe

Flow