

CASE STUDY

Water & Waste Containment | Dam Lining | Boston, KZN midlands

Apr 2014

Client Private

Contractor -

Consultant -

Product **EnviroFix® X1000** | 2 040m²

Rep Paul Lombard

Problem

A farmer required a cost-effective solution to line his leaking dam which was to be used for leisure purposes such as fishing and swimming.

Solution

An inspection of the site suggested that the steep slopes of the dam be made more gradual to facilitate the installation of **EnviroFix®** GCL. This was achieved using a Bobcat.

The GCL was covered with a 300mm confining layer of compacted soil to optimise the very low permeability of the liner and to keep it hydrated should the water level drop below operating level for any length of time.

Benefits

The farmer had no previous experience with GCLs but followed installation guidelines. In conjunction with the use of a TLB and his own farm labour, it was successfully installed and allowed him to save both time and money.



The new dam slopes prepped for lining



*Filling the completed dam lined with **EnviroFix®** GCL*