



**MARKET SECTOR:**  
Housing & Residential



**LOCATION:**  
Near Cheltenham



**CONTRACTOR:**  
Landmarc - Environmental

## Case

# STUDY

## GCL50

Private Residence  
Water Feature

## The

# BACKGROUND

This is a private residence where they are undertaking a substantial development.



## Our Client's

# REQUIREMENTS

Supplied Bentotex GCL50 for a reinforced water feature

**Landmarc were employed to design and implement the construction of a water feature to compliment the eventually landscaped gardens and house development.**

The main reason for the water feature was to use the excavated materials (approximately 6000 tonnes) from the house development to save the cost of moving it off site.





## Our Value Engineered SOLUTION

**The main reason for using a clay liner was down to the ground conditions of the site. We needed to ensure there was a permanent membrane that would prevent water seepage.**

70% of the construction was dammed, with 5m being the highest bund. We like using this material due to the workability of the material and ease of installation.

We have the excavators set up for the installation of the liners, and this works well for us as we can use the same plant and equipment as we already have on site, without having to mobilise different equipment.

Geosynthetics are competitive with pricing and always provide a good quality product



**“We have worked with Geosynthetics for years, and have used Bentotex for 15 years on pools and water feature projects. Geosynthetics are competitive, capable and provide good advice on products and we enjoy working with them.”**

**MARCUS EVANS**  
Owner  
Landmarc

