Case Study

**Bentotex® GCL 100**

**A465 Heads of the Valley**

**Location:**
Rassau Industrial Est
Ebbw Vale
NP23 55D

**Project Description:**
The nature of the underlaying soils on the seven new drainage attenuation ponds, meant that the pond needed to be lined with Bentotex® GCL to retain the water within the pond.

**Contractor:**
Carillion Plc

**Consultant:**
Arup

**Client:**
Welsh Government

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**As part of the drainage and earthworks design on the 7.8 mile long dual carriageway, there was a requirement for the construction of seven drainage attenuation ponds.**

Due to the nature of underlying soils, it was necessary to line the ponds to ensure water was retained within the pond. It was determined that Bentotex® GCL would provide an effective solution.

The presence of a suitable cohesive soil on the site meant the GCL could be surcharged using site won materials. The ease of the installation meant that no specialist installation was required.

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**“Having used Bentotex GCL on previous schemes, we were confident the material met our requirements”**

Chris Francis – Senior Buyer