

# Barhale Trant Utilities (BTU)

**Sector:** Utilities

**Value:** £60,000

**Date:** Jan 2010 to  
September  
2010

## Services Supplied on this Project:

- Trial pitting
- Hand pitting
- Cable percussion boreholes
- Dynamic probing
- Dynamic cone penetrometer testing
- Standpipe installation
- Cassagrade piezometer installation
- Vibrating wire piezometer installation
- Nuclear density testing
- Chemical analysis
- On site technical advise
- Regulator Client liaison

28 Crescent Road, Brighton,  
East Sussex, BN2 3RP  
Tel: +44 1273 699399  
[www.gesl.net](http://www.gesl.net)

### We Value:

Quality  
Health and Safety  
Environmental Management  
Sustainability  
Equal Opportunity



## The Project

Geo-Environmental was appointed by Barhale Trant Utilities (BTU) to undertake the ground investigation for the Hardham Water Resource Project. Various investigative techniques were employed within the existing Hardham Water Supply Works, along the route of the pipeline and temporary access road, storage pond and other associated structures. Geo-Environmental was again appointed by BTU under a second phase of work for ongoing monitoring and testing of the earthworks associated with the new storage pond before, during and after construction. Monitoring points were installed in the vicinity of the storage pond, whilst insitu and laboratory based testing was undertaken as the works progressed.



## Expertise

From the first stages of the site work Geo-Environmental worked in partnership with both the Client and the design team to deliver the required information within a tight time-frame during a period of exceptionally poor climatic conditions. Geo-Environmental also worked closely with land owners and other interested parties in what was a locally sensitive scheme.

## Benefits

Geo-Environmental received excellent feedback from the Client as site works were underway within five working days of receiving instruction and critical information was presented same day, thus enabling design teams to finalise their plans without delay. Geo-Environmental worked in partnership with the contractor, designers and utility company to deliver the required information within a tight timeframe and within the agreed budget despite the remote locations, difficult access and adverse weather conditions.



**Geo-Environmental**

**Excellence in Geotechnical and Environmental Services**

We are a trusted supplier of choice for Geotechnical and Environmental Services for our customers by delivering consistent quality and reliability, taking seriously our obligations to operate safely and sustainably, valuing and supporting our workforce and delivering value for money for our customers.