

## Main Drainage- Wooler Water Crossing

Contract	Value	Location
March 2013 (10 weeks)	£300k	Wooler, Northumberland

### Client

#### Northumbrian Water

Pity Me  
Abbey Road  
Durham

### Engineer:

#### Mott McDonald

1 West Durham Office  
Park  
St John's Road  
Meadowfield  
Durham



## Project Description:

These works were carried out near to an operational Sewage Treatment Works, an Environment Agency Depot and within privately owned land where we provided temporary working surfaces throughout the contract.

We constructed a 150m length of twin 315mm diameter HPPE Trunk mains in open cut through the Environment Agency compound and the STW. This required temporary removal of fence lines, some minor tree removal and cutting through existing hard standing and crossing the existing below ground services.

We also constructed a 130m length of twin 315mm diameter HPPE Trunk Mains in open cut through the private land.

The directional drilling element of the project was to drill 2no. 140m lengths of HPPE trunk mains to a bowed profile beneath the existing Wooler Water. This required the construction of drive and reception pits. The work was carried out within the vicinity of pylons and beneath overhead cables which were High Voltage.

