



## SHAFT SINKING AT COLBY FTS, APPLEBY-IN-WESTMORLAND, CUMBRIA.

Client:

**United Utilities**

Summary:

First time sewerage  
scheme



Shaft Sinking & Microtunnelling Project at Colby FTS, Cumbria for United Utilities



Members of the A E Yates Team  
Working at the base of the Shaft

## PROJECT DETAILS

### SHAFT SINKING

Construction of finished pumping station shafts for first time sewerage scheme at 4No individual sites:

- 7.5m id x 9m deep
- 6.0m id x 7m deep
- 3.0m id x 5.5m deep
- 3.0m id x 6.5m deep
- Valve chamber 3.0m id x 3m deep and extensive deep well dewatering

### GROUND CONDITIONS

- Varied from site to site - clay, sand, gravel, cobbles, boulders and limestone rock