

## DEVELOPMENT & INFRASTRUCTURE

### REMAKING BEAMISH

VALUE: £2M

CONTRACT LENGTH: 45 WEEKS

LOCATION: BEAMISH OPEN AIR MUSEUM, BEAMISH, COUNTY DURHAM

Seymour Civil Engineering was appointed Main Contractor to provide the entire Infrastructure and enabling works to facilitate future developments as part of the £18m "Remaking Beamish" expansion project.

The expansion included an 1820's Village, 1950's Town inclusive of houses, shops, cafe, cinema, police house and recreation areas including a bowling green, community centre and a Georgian Coaching Inn where visitors can stay overnight.

The construction works were carried out whilst the attraction was fully operational and open to the public and works included:

- Earthworks
- Roads
- Drainage
- Sewerage treatment plant
- Utility service installation
- Ground stabilisation
- Foundation piling
- Concrete foundations

In order to construct the state of the art waste treatment solution, a cofferdam was excavated within challenging ground conditions to install a denitrifying CSAF waste water treatment plant which allowed the system to balance the incoming flow and break up nitrates in the final effluent. Consisting of a primary settlement tank, two biozone and humus tanks and six pumps for forward feed and circulation, the system offers the benefit of requiring very low maintenance.

#### Added Value

Adverse weather caused by 'the beast from the east' risked shutting the attraction down so the Seymour project team worked hard with the client to help clear pathways and roads so that Beamish could remain open and in a safe condition for visitors.

Seymour took on a full time apprentice that significantly contributed to the success of the project and remains with the business to this day.

