

Project Information:

Employers Representative	E C Harris
Blackwell Role	Main Contractor
Form of Contract	ICE D&C (2 nd Edition)
Contract Value	£13.85M

Blackwell Site Management:

Contracts Manager:	Adam Lane
Project Manager:	Steve Draper
Site Manager:	Chris McMenamin



Services Include:

Civil Engineering **Earthworks** **Geotechnical** **Remediation**



Contract Summary:

The Telford Millennium Community scheme was the fifth millennium community project to be identified in the Rethinking Construction agenda. Blackwell was appointed by English Partnerships to undertake the design and construction of site remediation and infrastructure on a 35 hectare brownfield site, north-west of Telford town centre.

The site contained mineshafts, colliery spoil and a disused golf driving range, leaving the area with interesting ecological and topographical issues. Most of the site had been left idle for many years and some areas had become important habitats for wildlife.

The completed scheme comprised a neighbourhood of 675 homes with commercial and retail space, community facilities, wildlife zones, open spaces and improved public transport facilities.



Key Processes:

The main elements of the scheme included:

- The grouting and capping of mineshafts.
- The translocation and creation of ecological habitats.
- The engineering of made ground in development areas, through a process of excavation, segregation of inferior materials, placement and recompaction.
- Cut to fill operations to form development platforms and landscape areas.
- The construction of a sustainable urban drainage system.
- The formation of natural earth embankments in cut and fill areas.
- The construction of gabion retaining structures, to retain excavated side slopes in cuttings that formed the development platforms.
- The construction of balancing ponds, formed from excavated side slopes with liners and membranes.
- Strategic structural landscaping, comprising hard and soft landscaping to road corridors and eco-areas, including footpaths, fencing, paving and tree planting.
- The provision of a new spine road and main junctions to serve the development.
- The provision of a secondary access route with a steel culvert and reinforced earth embankments.
- The provision of footpaths, cycleways and services with associated landscaping.
- All highway and foul drainage, including the provision of a pumping station.

