

Project Information:

Blackwell Role	Main Contractor
Form of Contract	NEC3 Option A with Z Clauses
Contract Value	£1.24M

Blackwell Site Management:

Contracts Director:	Steve Johnson
Project Manager:	John Kissane
Quantity Surveyor:	Andy Somma



Services Include:

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



Background:

Having successfully undertaken the first phase of the major landscaping and remediation project to create a new urban park in Middlesbrough, Blackwell secured the second phase of the project to prepare an adjacent site for future development. This project was carried out as part of the £200M regeneration plan to revive Middlesbrough's dockland area. This site was proposed for future commercial and residential use and consisted of three sections:

- **Urban Park North:** Measuring 0.45 hectares, the northern section of the site was formerly a garage and workshop with a disused fuel station and café which have since been demolished.
- **Urban Pioneers West:** The western section of the site measures 0.69 hectares and was predominantly occupied by 1970's housing, which had mainly been demolished. The remaining properties on the site include the grade II listed Captain Cook pub - which famously featured in 1980's comedy drama, *Auf Wiedersehen Pet* and will remain as part of the new development.
- **Urban Pioneers East:** The eastern section of the site is the largest part of the site, measuring 2.6 hectares. Formerly an industrial development, the buildings were cleared to ground level with the exception of a small section of the south-west corner - which contains an electricity substation compound.



Blackwell was appointed to remediate the site, which was contaminated by a number of known substances including hydrocarbons, heavy metals, metalloids and asbestos. The company also carried out bulk excavation operations and ground shaping earthworks to enable the construction of the required development platforms and landscaped areas.

Key Processes:

Blackwell's scope of work included the following:

- Bulk excavation to remove redundant basements, storage tanks, cables and pipes and the subsequent filling in of excavated areas.
- The recompaction and testing of placed fill materials.
- The treatment or removal of contaminated material uncovered during earthmoving operations. This included the segregating and stockpiling of material suitable for reuse.
- The removal, treatment or disposal of groundwater found in basements, voids and shallow made ground.
- The placing of a 200mm thick layer of granular material to protect the finished surface.
- The realignment of surface water pipes on the site near the Middlesbrough Transporter Bridge.
- Hard and soft landscaping.

