

Project Information:

Main Contractor	Carillion
Blackwell Role	Sub Contractor
Form of Contract	NEC Option A
Contract Start	March 2009
Contract Period	17 weeks
Contract Value	£0.711M

Blackwell Site Management:

Contracts Manager:

Steve Johnson

Project Manager:

Lee Swift

Site Foreman:

Ken Crawford

Project Office:

Scottish Regional Office:

Suite 3, Epoch House,
Falkirk Road,
Grangemouth. FK3 8WW
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Services Include:

Civil Engineering

Earthworks

Geotechnical

Remediation



Background:

Blackwell were awarded the sub contract works on two separate sites - Kittoch and Kirkland which is agricultural land with no obvious historical uses. The project involved the bulk earthworks for Contract 1 of the White Cart Flood prevention scheme, which includes the construction of two earth flood water retaining structures, to be constructed under the supervision of a Panel Engineer.

Key Processes:

The main scope of the work included the following:

- Excavation of topsoil and soft material from beneath the footprint of the proposed flood embankments and deposit material in Borrow Pit
- Excavation of cut off trench across the embankment and fill with acceptable material
- Topsoil and overburden removal to borrow pits to expose acceptable cohesive fill materials.
- Selectively excavate approximately 130,000 cu.m of acceptable material from adjacent borrow pits and haul to embankments.
- Filling of embankments to prescribed levels and to an end product compaction specification with material from borrow pit.
- Place 750mm thick drainage layer and chimney including wrapping in terram
- Construct toe drainage to connect into drainage layer.
- Reinstatement of borrow pit

