

Randolph Colliery

Client:

Wemmys
1950 Trust

Value:

£18,000,000



Brief

To remediate an area of land upon which coal waste from previous deep mine operations had been stockpiled and from which acid water run-off was contaminating an adjacent salmon river.

The site was fully compacted to allow the local authority to utilise any area of the site for a future road corridor and possible development area. A wetland and woodland area was created.

Action

A 'borrow' pit was excavated and lined with compacted clay to create an impermeable encapsulation cell into which the contaminated material was deposited and compacted. A clay lid was constructed on top of the cell, then sub-soiled and soiled to form arable farmland compatible with the surroundings.

About 600,000 tonnes of coal was recovered from the excavations and sold to the local electricity generator to part-finance the project.

Design and construction was carried out in co-operation with the Scottish Environmental Protection Agency and an environmental consultant.



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