

DALTON FLATS OPENCAST COAL SITE - County Durham, UK

Client: RJB Mining

Value: £10 million



Description:

Murton colliery was closed in the 1990's. The colliery buildings were demolished and the shafts capped. Coal was recovered from the adjacent spoil tip using conventional washing processes as part of a reclamation scheme. Spoil was excavated to natural ground, and a combination of washed coarse discard and clean spoil was compacted to form a retail development area. Part of the spoil tip was located on the site of a former cokeworks.

KEY FEATURES

- Design and management of geotechnical and environmental ground investigation to assess material types and extent of contamination.
- Compilation of compaction specification and supervision of trial compaction.
- Supervision of compaction works and in-situ density testing, routine sampling of materials, to assess properties and any requirement for off-site disposal.
- Compilation of certification report following design of post-compaction settlement monitoring