

WALTERS

Trecatti Landfill Site Works



Project:

Trecatti Landfill Site Works

Client:

Biffa Waste Services Limited

Value:

£2.4 million

At-a-glance:

- Approximately 120,000 m³ of bulk excavation
- Dredging of existing lagoon and placement of rock fill
- Provision of new lagoon
- Construction of new Leachate pumping station

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Walters is accredited to ISO 9001 for Quality Management, ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health & Safety.

Challenges

The Trecatti landfill project site is situated in what is now a disused open cast mining facility. This has been the location of a numerous successful Walters projects over a number of years, the first of which was completed in 1993. This 10 million m³ site is regarded as one of the most exposed landfills in the country, and as such is subsequently subject to severe weather conditions, adding challenges to any attempt to undertake works.

Solution

Some of the work Walters have carried out at the Trecatti site has included the approximate excavation of 120,000m³ of material including 15,000m³ of rock and removal of coal measures as well as the dredging and filling of the existing lagoon, provision of a new lagoon and provision of new pumps and pumping station for discharge of clean surface water using a nominated subcontractor. Other associated works included attenuation ponds and drainage and 40,000m² of basal drainage layer.

Walters also had to relocate 40,000m³ of refuse, constructing a lower cell providing waste capacity of approx. 2 million m³. The new cell comprised of 27,000m² of 2.5m thick HDPE lining with associated stone and geological support layers with work predominantly on a 1 : 2.5 side slope with tie ins to previously laid liner.

Construction of a new access road 7.5m wide and 1200m long was also implemented by Walters who's successful completion of projects has lead to them being repeatedly awarded contracts at the Trecatti site.