

# WALTERS

## South Wales Steelworks Regeneration



### Project:

Former Ebbw Vale Steelworks  
Westgate Site

### Client:

Blaenau Gwent County Borough  
Council

### Value:

£5.3 million

### At-a-glance:

- Extensive chemical testing and analysis
- Removal of 50,000m<sup>3</sup> of reinforced concrete walls, slabs and foundations
- Improvement of landscape form
- Large scale earthworks to create a level platform

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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 former Ebbw Vale steelworks site is a 21 hectare former industrial location that has a 200 year heritage steeped in steel manufacture and coal mining.

Once a rural area, it soon developed into a growing community thanks to the industrial revolution and its services to the steel industry.

Currently undergoing a significant renovation strategy the area has already been partly excavated, with the construction of a new hospital already completed and that of a new college underway.

Having previously worked on various aspects of the renovation, Walters were also contracted to begin work at the Westgate site.

## Solution

Walters' work on the regeneration strategy included large scale earthworks intended to create a level platform that would be suitable for further development. This platform included a 1.5 metre thick constraint free zone beneath the finished surface level.

Walters also had to demolish and remove approximately 50,000 m<sup>3</sup> of reinforced concrete from the site, in addition to stabilising a number of existing basements and mine entries.

Also, a large area close to 12,500 m<sup>3</sup> underwent considerable bioremediation due to heavy hydrocarbon contamination. This was achieved through extensive chemical testing and scientific analysis.