

# WALTERS

## Remediation of Former Petrochemical Plant



Project:

Mercury-Contaminated Site Baglan Bay Swansea

Client:

BP Chemicals

Value:

£2.3 million

At-a-glance:

- Excavation and disposal of 22,000m<sup>3</sup> of mercury-contaminated material
- Material transported to licensed landfill site
- Void filled with processed demolition material

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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

BP opened its petrochemical plant at the Baglan Bay location in south Wales in 1963, and by 1968 it had grown to become the one of the largest petrochemical sites in Europe.

These days the area is entirely occupied by industrial and commercial developments, and the Baglan Bay remediation programme was initiated as a means of decontaminating an area of land that had been exposed to 40 years of petrochemical pollution, ensuring its use for safe future development.

In 2006 the programme was announced and Walters started the process of removing contaminated material from the area – which was suffering from mercury pollutants – with the aim of redeveloping Baglan Bay into a healthy, sustainable employment site.

## Solution

Walters was contracted to excavate 22,000 m<sup>3</sup> of mercury-contaminated material at the Baglan Bay site. This involved using machinery to remove and subsequently stockpile the contaminant at a designated area on site before transporting it to a licensed mercury disposal facility in Buckinghamham.

The remaining void was filled by Walters using processed demolition material ready for the future redevelopment of the area.

In addition to the mercury issues on site, a wide range of other petrochemical and hydrocarbon contamination was also remediated successfully and safely by Walters.