



FORMER POLAR FORD CAR SHOWROOM

Remediation

PROJECT SCOPE

The project comprised remedial works to prepare a site historically used as a landfill and most recently occupied by a car showroom and garage for development with residential properties.

The works included the excavation of underground storage tanks; breaking out and crushing of hardstanding and foundations; excavation and onsite bioremediation of hydrocarbon contaminated; the investigation and treatment of shallow mine-workings; and cut to fill operations to generate formation levels.

VERTASE FLI ROLE

VertaseFLI's role included:

- Production of documents including remediation strategy, Environmental Permit Deployment Form, Materials Management Plan, and Construction Phase Health and Safety Plan;
- Liaison with regulators including Environment Agency; NHBC; Barnsley Metropolitan Borough Council; the Coal Authority and Network Rail;
- Overall earthworks design to meet the requirements of the developer;
- Soil gas risk assessment and design;
- Design and management of all remedial works to allow the re-use of soil material on site and prevent unnecessary offsite disposal;
- Management of investigations and treatment of shallow mine workings;
- Environmental monitoring and sampling;
- Liaison with vibro-compaction contractor; and
- Management of Japanese Knotweed



PROJECT OVERVIEW

CLIENT

BELLWAY HOMES YORKSHIRE

LOCATION

BARNSELY

PROJECT VALUE

£450,000

DURATION

6 MONTHS

SERVICES PROVIDED

- Assessment & treatment of shallow mine workings
 - Bioremediation of hydrocarbon contaminated soils
 - Removal of buried structures & tanks
 - Overall earthworks design
 - Japanese Knotweed management
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INVESTIGATION OF SHALLOW MINE WORKINGS



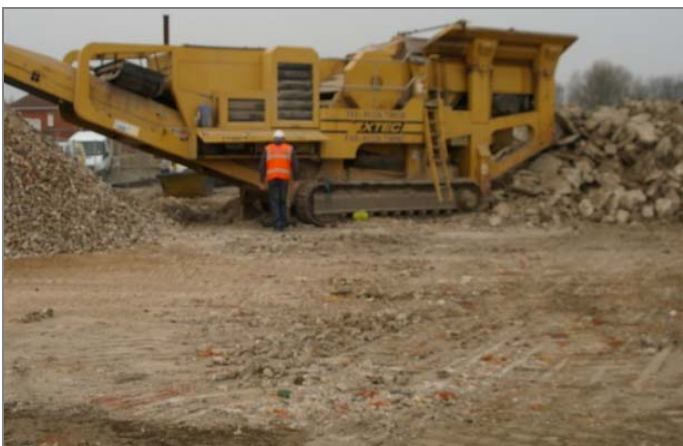
MINE WORKING INVESTIGATIONS INCLUDED LOCATION OF HISTORIC MINESHAFT KNOWN TO BE ON SITE



BEFORE WORKS COMMENCED



CONSTRUCTION OF BIOREMEDIATION



CRUSHING OF HARDSTANDING AND FOUNDATIONS



REINSTATEMENT OF SITE WON MATERIAL TO FINISH LEVELS