

Victoria Dock, Hull

Project Description Sheet



Location

Victoria Dock, Hull

Client

James Hall & Co
(Southport) Ltd

Commenced

November 2004

Key Project Elements

Contaminated Desk Study
Risk Assessment
Environmental Legislation
Waste Management
Ground Investigation
Settlement Analysis
Remediation Design

The site was an existing commercial premises with significant failures within the integrity of the surrounding car park pavement. PSA Design were commissioned to assess the ground conditions, the likely environmental integrity of the land and to provide recommendations for the remediation design.

The contamination desk study included an environmental report, historical map search, mining data, local authority held information, including historical gas data, existing borehole information, hydrogeological and geological profiles, service plans, aerial photos, a walkover survey and a hazard assessment.

The study highlighted that the Spar premises were constructed on the old Victoria Dock.

Approximately 8m of waste of unknown material origin was used to infill the dock. This material has been settling since the 1980's. Although the supermarket was built on piled foundations observations within the car park, along the line of the old dock wall show serious signs of pavement failure with significant differential settlement.

A ground investigation was procured, which included boreholes with installations to monitor gas, groundwater and ground movement.

The investigation provided information that was valuable in creating a conceptual ground model for the site area. PSA Design provided settlement analysis for the dock fill and recommendations regarding the contaminated land and gas issues.