PSA DESIGN
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CIVIL, STRUCTURAL, GEOTECHNICAL, TRANSPORT

Leamington Rd, Blackburn Remediation Design

Project Description Sheet

Location

Blackburn, Lancashire

Client

UKAI Trading Ltd

Completed

Ongoing

Key Project Elements

Phase 1 Land Quality Assessment
Ground Investigation
Phase 2a Interpretative Report
Remediation Design
Validation Report

PSA Design were commissioned to assess likely contamination of the site of a former laundry/bakery works in Blackburn Lancashire. The land was to be developed for residential housing.

The site was investigated both for geotechnical properties of the ground, to aid foundation design plus a contaminated land assessment carried out in accordance with BS 10175:2001.

The investigation concluded that the site was underlain by a stiff clay of glacial till origin. Pockets of Made Ground materials were encountered in localised areas of the site. The Made Ground showed elevated levels of inorganic metals, diesel and PAH.

The site is surrounded by residential developments, with a Mosque juxtaposed to the north of the site. Human health is at risk from ingestion, inhalation and skin contact.

Remediation options were proposed and agreed with Blackburn with Darwen Council, which include some disposal, cover systems and various membrane construction types.

PSA Design provided full design services for the site including structural, highways and drainage works. The site is currently being constructed with supervision of the validation of the environmental remediation for the scheme

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