

Project Phase I and Phase II



Client

Ground Developments Ltd

Cost

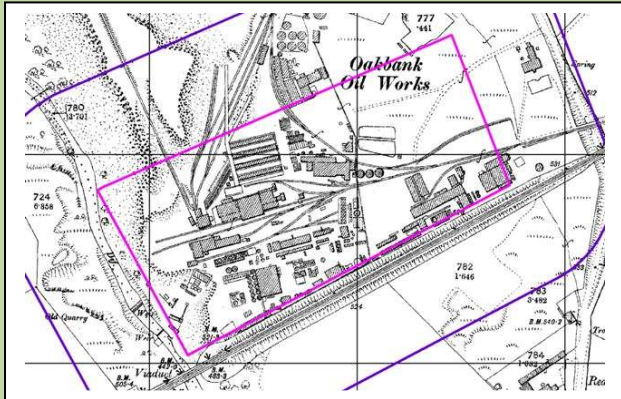
Confidential

Location

Livingston

Program

12 months



Ground Developments Ltd instructed LK Associates to undertake a Preliminary Risk Assessment (PRA) (Phase I Desk Study) and Geoenvironmental Investigation and Risk Assessment Report (Phase II) on the Oakbank Oil Shale Works site in Livingston.

A PRA report was undertaken in the first instance in order to establish the site's history and determine the requirement for a site investigation. The PRA identified that the site was a former oil shale works and as such a site investigation was recommended.

The site investigation was undertaken in three phases and included trial pitting, window sample, cable percussive and rotary boreholes, the collection and analysis of soil and water samples and gas monitoring. The scope of works at each stage was discussed and agreed with the client, Local Authority and SEPA.

LK Associates in conjunction with Ground Developments Ltd assessed the available remediation techniques given the type of contamination encountered on site. As a result the site has now been remediated using a solidification / stabilisation technique which has allowed the contamination issues at the site to be addressed along with being able to provide the required geotechnical properties.

The PRA and site investigation report have been submitted to the Local Authority and SEPA for their approval.

LK Associates have developed a good working relationship with the Local Authority and SEPA on this project and are currently working towards the agreement of a suitable post development monitoring strategy.