

case study



During the construction of this residential development of flats poor workmanship on the fuel lines resulted in leaks on the pipe work. The problem went unnoticed for a considerable period of time until the residents started to complain of odours.

A significant quantity of fuel had been lost to ground resulting in contamination of both the soil and groundwater. An in-situ dual phase extraction system was utilised to remove vapours and the contaminated liquids.

The pump system and pipe work was placed below ground. The use of planters removed any visual impact of the system which was operated for a 12 month period and achieved significant improvements in the soil and groundwater quality.

Client

Development company

Site

Residential development, Norfolk

Problem

Fuel oil lost to ground due to poor workmanship

Technologies utilised

In situ dual phase extraction system combined with chemical and biological treatment

Remediation criteria

Removal of all free phase and reduce vapour concentrations to below occupational exposure levels

Validation

Independent consultant

