

case study



This 3ha site housed a former manufacturing facility which was to be demolished and remediated for residential development.

4,800m³ of soils contaminated with predominantly solvents and hydrocarbons were biologically treated during a 6 month period.

The site was released in phases to allow the construction works to commence at the earliest opportunity.

In situ treatment of the ground water beneath the site was undertaken using chemical oxidation to destroy of the contaminants in the shortest possible timescale.

Client

Nationwide house builder

Site

Former chemicals manufacturing facility, Nottingham

Problem

Soils and groundwater contaminated with hydrocarbons and chlorinated water

Technologies utilised

Ex situ biological treatment of soils, insitu treatment of groundwater by Chemical Oxidation

Remediation criteria

Suite of soil and groundwater criteria set by independent consultant and Environment Agency

Validation

Validated by independent consultant on completion of remedial works

