

# case study



This 15ha site housed a former chemical manufacturing facility which was to be demolished and remediated to allow the construction of a distribution warehouse.

22,000m<sup>3</sup> of soils contaminated with predominantly chlorobenzene's and nitrobenzene's 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 groundwater beneath the site was undertaken using pump and treat methods and the controlled introduction of hydrogen release compounds to stimulate the degradation of the contaminants.

## Client

Design and build contractor

## Site

Former chemicals manufacturing facility, Huddersfield, West Yorkshire

## Problem

Soils and groundwater contaminated with hydrocarbons and chlorinated solvents

## Technologies utilised

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

## Remediation criteria

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

## Validation

Independent consultant on completion of remedial works

