

case study



Historic operations had resulted in the significant impact of the underlying shallow groundwater by a range of hydrocarbons and PCB's.

These contaminants were entering the sewer system in an uncontrollable manner.

The sewer entry point was sealed and the flow diverted through a temporary water treatment plant to remove the contaminants before being re-introduced to the sewer system under a consent to discharge.

Client

Rail company

Site

Maintenance depot and railway sidings, Manchester

Problem

PCB, Heavy oils and hydrocarbon contamination of groundwater

Technologies utilised

Phase separation, suspended solids removal, flocculent dosing, GAC Filtration, Process Control

Remediation criteria

Meet consent to discharge criteria

Validation

Project managed and validated by independent consultancy on behalf of the client

