

Civils

Eastbourne - Remediation

A former garage and petrol filling station site in Eastbourne was to be redeveloped for use as a fast food drive thru restaurant. Due to the previous site use the ground was contaminated with hydrocarbons and this posed a risk of polluting ground water and the river to the west boundary of the site.

Remediation was carried out using Bio-remediation. An engineered gel containing bacteria which eliminate the hydrocarbon contamination was injected into the ground over the contaminated areas.

Target levels for remediation were agreed with the Environment Agency pre-contract and the process was then monitored until validation was achieved prior to practical completion 12 weeks after injection work was completed.

This is a very effective method of dealing with hydrocarbon contamination which is readily implemented, monitored and validated upon completion.

