

Heathrow Logistics DHL – 143,000 Sq Ft

Former Use: Industrial Estate
Client: SEGRO Plc
Value: £undisclosed
Location: Slough

The objective of this Groundwater remediation scheme was to deal with identified contamination at the site in order to provide a site suitable for the redevelopment of a new 143,000 sq ft central logistics warehouse and offices and to protect the identified controlled waters receptors.

The main remedial works were carried out over a 5 month period in an area cordoned off within the site. As access was across areas where other contractors were working co-ordination and good communication were required.

- Excavation & bioremediation of hydrocarbon impacted soils including the segregation of clean soils for reuse onsite.
- Extraction of noted free phase material (LNAPL) and impacted groundwater and processing through a groundwater treatment system located onsite.



- Verification soil sampling (soil and leachate testing)
- Backfilling of excavation voids to original site level using onsite treated and clean soils. Bio remediated soils were not placed as engineered fill in the soak away locations
- Injection of ORC compound into the residual Plume area to quickly reduce the contaminant levels.
- Groundwater monitoring of available wells onsite during works to demonstrate site betterment of groundwater quality.
- Monitoring the available wells and replacements where appropriate to demonstrate meeting the remediation targets for a period following completion of remedial works in order to demonstrate fully that migration of contaminants has not occurred.
- Removal of 39 loads (approx 800 tonnes) of non hazardous material to landfill, these soils were surplus to requirements onsite.



Due to delay at commencement, Provectus had to adapt the scheme, whilst still ensuring the outcome met criteria, to make up time. Thus enabling this logistics centre serving Heathrow Cargo Terminal to be built on time.