



Dual Phase Extraction

Terra Vac (UK) Ltd and UK International Airport

Located in the North of England, this airport has seen extensive development and today operates 24 hours a day with flights to destinations worldwide.

A programme of modernisation and reconstruction works, both airside and landside, involved major civils and building operations.

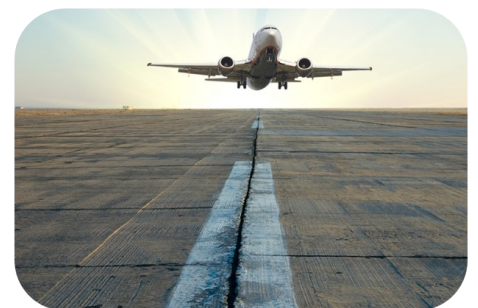
At some stage during these works, damage was suffered to the fuel supply to the airport standby generators which maintained emergency power for the runway lights and control tower.

Fuel losses to ground extended both airside and landside over an area of approximately 1500m². Free product thickness of up to 900mm was recorded in areas of the plume, in excess of 6m below ground level.

A network of extraction wells was installed across the plume, which extended across trafficked areas of the site. The entire system was installed below ground to maintain vehicular and pedestrian access.

In excess of 16,000 litres of free product was received over an operational period of almost 12 months after which the project received regulatory sign-off.

On going independent monitoring confirmed that site remedial targets were maintained after demobilisation from site.



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Contaminated Land and Groundwater Remediation