

RAW



Project Value: £780,000

Client: Port Operator

Project Success:

- Specialised hydrogeological techniques were used to enhance the NAPL recovery
- Creating cone of depression (within plume area) to draw in NAPL
- Mounding of disposed groundwater to prevent further migration
- 80% (523,000 litres) of the lost oil was recovered over the nine month recovery period



Shoreham 698,000 Litre Spill

Background

698,000 litres of oil was discovered to be missing from a major storage depot on the south coast of England, 500m from the beach and 30m from a canal.

RAW was responsible for all aspects of the emergency response and the longer term spill clean-up contractor, including:

- Containment
- Skimming of free phase oil (NAPL) from groundwater
- Total fluids recovery
- Oil recovery using product only pumps (downhole separators utilising density variations)
- Risk and natural attenuation modelling of residual contamination

Problem & Solution



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