



PROJECTS

SITE REMEDIATION

SiteRem2

AGROCHEMICAL MANUFACTURER, KWINANA, WA
Remediation of diesel contamination plume

An investigation of phase separated hydrocarbons (PSH)



Contamination above the water table was undertaken. PSH was present due to historical waste disposal practices.

The extent and thickness of the PSH was determined through the construction of monitoring piezometers.

Groundwater modeling was undertaken to identify the optimum location for PSH recovery, and re-injection bores for the disposal of separated groundwater.

Recovery and re-injection bores were constructed and recovery operations were commenced using a downhole skimmer pump.

Recovered oil was pumped to a surface storage tank for off-site disposal.

Recovered groundwater was treated through an oil-water separator and stilling chamber prior to re-injection.

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