

# Targeted Oil Spill Response and Long-Term NAPL Management

- Rapid emergency response to contain and control a diesel spill threatening controlled waters
- Experienced spill responders designed effective containment, preventing spread and minimising waste



## Client:

Confidential

## Nature of site:

Operational industrial facility adjacent to a drainage ditch connected to the wider surface water network

## The challenge:

An uncontrolled diesel release entered a connected drainage ditch, creating an immediate risk to controlled waters extending beyond the site boundary. Variable water levels, dense vegetation and downstream receptors meant delay or over-intervention could worsen the impact. The challenge was not only stopping the spill but taking control quickly in a dynamic environment.

## Our approach:

RemTech's experienced spill response engineers were mobilised rapidly to assess conditions on the ground and take ownership of the incident. Engineered dams were installed to stabilise water levels and prevent bank smearing, allowing targeted recovery systems to be deployed where they would be most effective.

As the incident moved beyond the initial emergency phase, the response evolved. Invasive excavation and vegetation stripping were deliberately avoided to prevent unnecessary ecological damage and waste generation as well as preventing intrusive and disruptive work. Instead, RemTech applied a programme of monitoring, oil recovery and spill control maintenance, supported by independent ground investigation at the source area. Regular engagement with the regulator ensured transparency and confidence at every stage.

## Outcome:

The spill was rapidly stabilised, with mobile diesel contained and progressively recovered from the drainage network. Downstream migration was prevented, visible contamination reduced and environmental risks brought under control without unnecessary disturbance. As conditions improved, the response was scaled back in a measured way, supporting progression towards regulatory closure with a clear and auditable handover.

## Value Added:

Experienced and qualified spill responders led the works, ensuring appropriate spill response protocols were applied from the outset. This allowed RemTech to do more than deploy absorbents, delivering effective containment systems that genuinely controlled the incident, prevented contaminant spread and reduced waste volumes. The project demonstrates that successful spill response relies on experience, judgement and the ability to design barriers that work in real, site-specific conditions.