

INDEPENDENT REMEDIAL VERIFICATION
– FORMER OIL TERMINAL, INVERNESS

WDE Consulting Ltd (WDE) was appointed by a remedial contractor to undertake independent verification during the remediation of an oil terminal. The site was situated on the banks of the Murray Firth in an area of mixture of commercial and residential properties. Hence particular attention was required for the control of odours, vapours, dust, noise and vibrations.

WDE Scope of Works:

- Verification of Remedial Works
- Environmental Monitoring:
 - Dust
 - VOC's
 - Hydrocarbon Odours
- Remedial Verification Report
- Closure of Remedial Works



WDE worked alongside the various parties to manage the mass excavation and treatment of diesel impacted hydrocarbon material along with dual phase groundwater treatment. A total of 10,000m³ of impacted material was excavated, screened and treated using thermal desorption remedial techniques. Grossly impacted groundwater was contained using connecting piles and pumped to a groundwater treatment facility onsite. Approximately 3,370 litres of weathered diesel was recovered from groundwater.

WDE undertook verification of materials from the excavation and during the management of stockpiles of materials. Environmental monitoring was also conducted for dust, VOC's and hydrocarbon odours during the excavation and remedial works. Odour and dust suppression mitigation measures were immediately enforced if regulatory set threshold limits were exceeded at the boundaries of site.



All remedial and environmental compliance monitoring data was collated by WDE into a Remedial Verification Report and presented to the client. This demonstrated that the site had been fully remediated and made suitable for the proposed use on time and within budget.