



# Project Profile

**Sector:** Contaminated Land  
**Project:** Derivation of Indicative Assessment  
Criteria for TPH in the Aberdeenshire area  
**Client:** Aberdeenshire Council  
**Period:** May 2003

LQM was commissioned by Aberdeenshire Council to derive Indicative Assessment Criteria for petroleum hydrocarbons (TPH) for use in the Aberdeenshire area.

TPH represents a complex and diverse range of aliphatic and aromatic organic compounds. The principles and guidance contained in CLR 9 and CLR10 were used to identify a suitable strategy for assessing the risks to human health posed by TPH. Suitable and justifiable toxicological and physico-chemical data was then identified. Additional site data representative of the Aberdeen area was also collated. This data was used in conjunction with a probabilistic human health risk assessment model to derive the Indicative Assessment Criteria.

The derived Indicative Assessment Criteria are intended to assist the Council in determining when human health may be at risk from hydrocarbon contamination within soils in Aberdeenshire, particularly with regard to planning applications.