



Project Profile

Sector: TPH Risk Assessment

Project: Training course in the TPH Criteria Working Group

Client: Various

Period: August 2001

The TPH Criteria Working Group published five volumes earlier this year on the composition, analysis, fate and transport, reference dose and reference concentrations of equivalent carbon fraction and a risk based evaluation approach.

Land Quality Management was lucky enough to have two of the members of the TPH Criteria Working Group lecture on the short course held in Nottingham, Wade Wiessman (US Airforce Toxicologist) and Dr Ileana Rhodes (Analytical chemist).

The course objectives were to understand:

- the behaviour of hydrocarbons
- the fractionation process and which products are associated with crude oil and which are additives
- the 'Equivalent Carbon Number' used for assigning physio-chemical and toxicological characteristics
- the variation between analytical techniques
- how this information provided can be used to derive site specific risk based screening levels.

The course was fully subscribed and considered a tremendous success by all who attended.