

Advice Note

Determination of Hydrocarbons in Soil Samples from Potentially Contaminated Sites

This note is advisory not mandatory

In order to determine whether there is likely to be a risk to site users from hydrocarbons within soils you are advised to consider determination of the following specific hydrocarbons at least in some of the samples collected¹:

Aliphatic Hydrocarbons

EC² 5-6
EC >6-8
EC >8-10
EC >10-12
EC >12-16
EC >16-35

Aromatic Hydrocarbons

EC >8-10
EC >10-12
EC >12-16
EC >16-21
EC >21-35

Hydrocarbon Compounds

Benzene, Toluene, Ethylbenzene, Xylene

Individual Polycyclic Aromatic Hydrocarbons (PAH) as appropriate

¹ with justification some hydrocarbon fractions or compounds may be omitted from the analysis

² EC: equivalent carbon number