



SOCOTEC

Flooding: The Science of Sediments

Flooding, and the sediments it leaves behind, can have a devastating effect on the environment. SOCOTEC's experienced Environmental Chemistry team can aid in the clean-up through a range of sediment and contaminant testing.

During flooding, the risk of chemicals and other hazardous substances entering the water can be high. SOCOTEC's experienced experts offer testing designed to characterise contaminants and assess the implications on both the environment and human health.

Sources of contamination include:

- Household waste
- Domestic fuels
- Chemical works
- Oil spillage
- Fly-tipping sites
- Industrial warehouses/factories
- Sewage
- Farms

Our testing services include:

- Soil and water contamination
- Total Petroleum Hydrocarbons (TPHs) (oils and fuels)
- Pesticides and herbicides
- Dioxins and furans
- Bacteriological testing
- Sewage bacteria
- Asbestos
- Polyaromatic Hydrocarbons (PAHs)
- Polychlorinated Biphenyls (PCBs)
- Metals (including lead, arsenic, zinc, nickel)
- Suspended solid
- Volatile Organics (VOCs) (including solvents)

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We have worked in partnership with SOCOTEC for over five years on both the testing of sediments and our regulatory requirements. We're always extremely impressed with their robust testing procedures and technical expertise. //

Karen Jackson, National Environmental Scientist (Contamination)
Canal & River Trust