

Marine Sediment Testing

SOCOTEC provides comprehensive analytical marine support services to a wide range of clients, offering laboratory assistance to oil and gas, offshore renewables, interconnectors, marine construction, aggregates and dredging projects.

SOCOTEC has established a long standing reputation for technical expertise in marine sediment testing. The company's robust extraction and analytical procedures have been developed specifically for complex marine samples.

Our technical capabilities include:

- Geochemical analysis for oil and gas exploration (micro/macro seep analysis)
- Environmental base line survey (EBS) for renewables, interconnectors, and pipeline construction projects
- Pre and post drill surveys
- Full chemical analysis for dredging disposal applications with all results conforming to MMO, Marine Scotland, Natural Resource Wales, Northern Ireland Environment Agency (DAERA) and Marine Institute (ROI) regulations.

Quality Assurance

In addition to UKAS accreditation*, SOCOTEC has over a decade of proven performance in the Quality Assurance for Marine Environmental Monitoring (QUASIMEME) scheme. These qualifications provide assurance of the technical competence of SOCOTEC's testing laboratory to undertake a comprehensive array of analyses.

* A listing of SOCOTEC's UKAS accredited activities can be found in our schedule of accreditation – Testing Laboratory 1252 – at socotec.co.uk

FAST TURNAROUND TIMES

SOCOTEC understands the importance of receiving your laboratory results in the quickest possible time and therefore we offer streamlined analysis processes and fast turnaround times. We can support your marine project by providing the following tests:

- Total Organic Carbons (TOC/FOC)
- Polycyclic aromatic Hydrocarbons (PAHs), Alkyl Homologues and Dibenzthiophenes
- DTI (2 – 6 Ring)
- Polychlorinated Biphenyls (PCBs)
- Metals
- Organotins
- Total Petroleum Hydrocarbons (TPHs)
- Alkanes, Total Oils, Pristane, Phytane
- Total Scanning Fluorescence (TSF)
- Annotated customised fuel libraries
- Clean-up techniques
- Full interpretations (weathering, levels of degradation, GC/MS identifications)
- Particle Size Analysis (PSA) and Sediment Density

MORE ABOUT OUR SERVICES

For more information and advice on our marine sediment testing services please contact us on 0845 603 2112 or email salesuk@socotec.com