



# ENVIRONMENTAL RISK AND LIABILITY MANAGEMENT

## BMT Cordah Limited

Identifying environmental risk and advising on risk management is central to much of BMT Cordah's consultancy work. We have been involved in risk management in a wide range of areas from project design through to post-event risk management. Effective risk management provides the basis for sound environmental management. Effective risk management delivers:

- A focus for planning and agreeing priorities
- The development of early warning systems
- More satisfied stakeholders
- Innovation and continuous improvement
- Controlled insurance costs
- Competitive advantage
- Better quality service
- Improved corporate accountability
- Improved corporate reputation

### ***BMT Cordah can Advise on Risk Management in the Following Areas***

- Project design and development
- Process control and management
- Asset management
- Contingency planning
- Post-incident recovery and remediation

### ***Project Design and Development***

In any new project the assessment of environmental risk at an early stage is essential to ensure that effective risk management is inherent to the project. BMT Cordah has developed Core-Option, a software tool to assess project risk at design and development stages. We also have a range of predictive software tools which can assist in the risk assessments and the decision making process.

### ***Process Control***

We have a team, including chemists and engineers, who can assess risk from existing processes and advise on programmes of risk management. This may be through various changes in operational control or through improvements in management systems.

### ***Asset Management***

A company's main asset is often its property, but with the growing recognition of the potential risk associated with contaminated land, it is important that companies understand both the risk associated with their current land holding and also with any prospective acquisition. BMT Cordah can conduct due diligence audits of new acquisitions and can also advise on the potential risk associated with current land holdings.

### ***Contingency Planning***

BMT Cordah can advise on contingency planning through assessing the risk of certain events occurring and then advising on appropriate response procedures.



*Brent Spar - BMT Cordah provided specialist input to Wood - GMC, the decommissioning contractor*

### ***Post Incident Recovery and Remediation***

In the event of an incident occurring, BMT Cordah can advise on appropriate recovery and remediation plans. This includes data management and liaison with regulators to try to minimise the likelihood of prosecution.

# Environmental Risk and Liability Management

## Examples of Recent Projects

- Quantitative environmental assessment of the options for managing the wreck of a munitions ship, the SS Richard Montgomery.
- Risk assessment for underwater fuel removal from the wreck of HMS Royal Oak.
- Contaminated land desk studies and site investigations for industrial sites and derelict land throughout the UK.
- Environmental assessments for the oil and gas industry for a variety of projects (drilling, pipeline installation, platform modification etc). Clients include Shell, BP, Talisman, Conoco, Marathon and Kerr McGee. All projects involve identification, assessment and management of risk.
- Environmental assessments for onshore projects including landfill sites, windfarms and housing developments.
- Oil spill contingency plans for MacCulloch (NSP), Curlew (Maersk) and Britannia Field.
- Environmental auditing of Nigg Oil Terminal (Talisman Energy UK Ltd).
- Environmental auditing, preparation of IPC application and water waste treatment review of Flotta Oil Terminal (Talisman Energy UK Ltd).
- Strategic review of environmental risk at Umm Al Nar Refinery (Abu Dhabi).
- Determining the BPEO, involving assessment of environmental, H & S and economic risk for decommissioning of a range of offshore installations, including Brent Spar.
- Assessment of environmental risk as part of the due diligence process associated with land acquisition on behalf of a number of banks and investors.
- Duty of care audits for a variety of clients.

## Complementary Services

- Contaminated land - site investigation, analysis, interpretation, remediation
- Hydrogeology - baseline studies, assessment of impacts, monitoring
- Ecology - terrestrial and marine surveys
- Air Quality - monitoring and dispersion modelling,
- Environmental impact assessment - onshore and offshore, environmental sensitivities, risk assessment and mitigation
- Implementation and maintenance support for environmental management systems
- Training
- PPC permitting
- Waste management including duty of care audits



SS Richard Montgomery



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