



EFFLUENT MANAGEMENT AND TREATMENT

BMT Cordah Limited

Reasons For Managing Effluent

Water is an important resource and raw material in many industrial sectors. Efficient use of water will reduce costs in the following areas: -

- Fresh water abstraction and treatment
- Importing treated mains water
- Trade effluent charges (as calculated by the Mogdon formula).

How Cordah can help

Water Minimisation

A number of water reduction techniques are available such as water control, re-use or recycling. Good housekeeping also reduces water usage by removing the need for 'wash-up'. BMT Cordah is experienced in carrying out water audits to identify areas where water saving is possible.

Process Control

Prior to 'end of pipe' treatments, good effluent management can greatly help reduce costs and simplify the treatment process. BMT Cordah can assist in identifying control parameters within the process where regular measurement can identify possible problems before causing a serious breach of consent conditions.



Treatment Plant Review

BMT Cordah can provide specialist advice and support in relation to improving existing plant operation, in particular where a treatment plant is operating in difficult or emergency conditions.

Treatment Plant Selection

There are a wide range of effluent treatment technologies available on the market. BMT Cordah can provide assistance in identifying the process and level of technology most appropriate for a given industry or individual site. BMT Cordah can assist in system design, installation, commissioning and operation of the chosen system.

BMT Cordah can help companies to develop management systems that will identify critical stages for decision making, for example when and how to contact the regulatory authorities and other emergency measures during unplanned situations.

Complementary Services

There are a number of issues associated with effluent management where BMT Cordah can also offer assistance these include: -

- Odour assessment and modelling
- Solid waste and sludge disposal

Industry Sector experience

BMT Cordah has a number of years experience in wastewater management and treatment including servicing the following industry sectors:

- Catering industry
- Confectionery
- Docks and harbours
- Electricity generation
- Fish processing
- Meat processing
- Municipal treatment works
- Oil and Gas
- Paper industry
- Slaughter houses
- Textiles
- Tourism
- Vegetable processing



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Grove House, 7 Ocean Way, Meridians Cross,
Ocean Village, Southampton, SO14 3TJ, United Kingdom
Telephone: +44 (0)23 8023 2222
Facsimile: +44 (0)23 8023 2891
email: enquiries@bmtcordah.com
www.bmtcordah.com

Edinburgh Office

Telephone: +44 (0)131 445 6120
Facsimile: +44 (0)131 445 6110
email: enquiries@bmtcordah.com
www.bmtcordah.com

Aberdeen Office

Telephone: +44 (0)1224 414200
Facsimile: +44 (0)1224 414250
email: enquiries@bmtcordah.com
www.bmtcordah.com

Poland Office

Telephone: +48 58 345 00 39
Facsimile: +48 58 552 20 19
email: enquiries@bmtcordah.pl
www.bmtcordah.pl