



TWMA Environmental Services



TWMA delivers integrated environmental services to the oil and gas industry. These include waste treatment and management coupled with waste awareness training and consultancy.



Talk to the specialists

Introduction

TWMA provides specialist integrated environmental services to the oil and gas industry as well as other industrial enterprises. These services are designed to meet and exceed the highest of environmental standards required even in remote and often challenging locations.

With effective industrial waste management becoming increasingly costly and time consuming, TWMA have designed a range of integrated waste management solutions to allow clients to concentrate on their core business.

At TWMA customers' needs come first and solutions are delivered to fit those needs. TWMA fully understands that no two customers' requirements are the same and that the environmental services needed will differ from project to project. Waste management strategies and practices are therefore tailor made to suit the specific requirements of each project.



These services may be divided into three broad categories:

- Waste Management
- Waste Treatment
- Training and Consultancy

Waste Management

The key to TWMA's effective waste management strategy is to identify the sources of the waste before rigorously applying a waste minimisation plan. Because each project is likely to be different, each will require a different approach with different solutions. Minimisation followed by segregation at source coupled with an intense waste awareness programme will ensure reductions in environmental impact and costs. TWMA ensures that all waste minimisation strategies are based on these fundamentals, minimising the volume of material having

to go to landfill and maximising reuse/recycling options. If disposal to landfill is required this will be carried out in strict accordance with prevailing regulatory requirements and sound environmental practice.

TWMA follows a strict waste hierarchy when dealing with both hazardous and non-hazardous waste streams. A cradle to grave reporting regime is put in place to compliment the client's internal management systems.

Our integrated waste management solutions include:

- Recycling solutions
- Waste collection and disposal
- Hazardous waste treatment and management
- Tank cleaning
- Industrial services
- Transport services

Waste Collection

TWMA offer prompt and efficient waste collection services for industrial and commercial customers. These services include: mobile compaction, skip and roll on/off services and on-site static compaction.

Whether it is a collection of small quantities of light, compactable waste on a pre-arranged schedule or the provision of containers for the production of larger volumes of light waste, TWMA will design a waste management strategy that suits the client's needs and optimises environmental performance.

Disposal

TWMA offers market leading solutions to a wide range of industry sectors providing tailor made waste disposal services in response to the challenges of the industry.

TWMA has a responsible and professional approach to waste management and disposal. The environmental services and the solutions offered are compliant with current legislation, making it a priority that waste is disposed of safely and that all waste streams are tracked and have little effect on the environment.

Recycling

Depending on clients' needs TWMA will pre-treat waste at source or manage and collect un-treated waste before processing it at the company's Materials Recycling Facility.

TWMA offers recycling and collection of: cans, paper, cardboard, glass, plastic, wood, construction and demolition waste, waste electronic equipment and ferrous and non ferrous metals.



Hazardous Waste



TWMA offer a comprehensive hazardous waste collection service to suit the customers' individual requirements, whether it is in 25 litre containers, regular consignments of 205 litre drums, 1000 litre intermediate bulk containers or bulk liquids using specialist tankers.

TWMA offers a professional service to quickly identify, pack, label and collect any hazardous materials using qualified and experienced staff.

TWMA ensures compliance with aspects of transport legislation, Duty of Care, the Environmental Protection Act, Hazardous Waste Regulations and all Health and Safety legislation.

Hazardous waste may be collected by vehicles ranging from 10 tonne rigid curtain-sided to articulated curtain-sided vehicles, mild or stainless steel barrel tankers to spark arrested solvent tankers.

Industrial Services

TWMA offer cleaning services for all operations, from vessel, tank cleaning onshore to pit cleaning services offshore. All cleaning operations are managed through a permit to work system. The comprehensive operating procedures and risk assessments work in conjunction with toolbox talks before any activity starts.

TWMA has a team of dedicated, experienced and qualified personnel, coupled with state of the art equipment that is available around the clock, to manage both cleaning and disposal projects.

Through the use of technically advanced equipment, TWMA is able to minimise the amount of tank washings that are generated during a cleaning operation.

TWMA continually pursues "best practice" initiatives within the industry.



Waste Treatment

TWMA offers a wide range of treatment processes for bulk waste streams that are put into place using the best available technologies and in a cost efficient manner. Additionally, all personnel are highly experienced and fully trained to professionally manage waste management projects.

TWMA is constantly researching new and more efficient ways to re-use and treat waste products and is committed to helping its clients meet the requirements of new legislation even in remote and environmentally sensitive areas.

Treatments include:

- Physical treatment of oily sludge and solids
- Oil/Water separation including oily slops
- Biological treatments
- Neutralisation of acids and alkalis
- On & offshore tank cleaning services
- Vessel tank washing treatment
- Bulk storage & liquid transfer
- Emergency spill response

Training & Consultancy

Optimisation of waste management requires that all personnel involved are properly trained. These are some of the training and consultancy services TWMA offers:

- Training of operational personnel on waste awareness and legislation – typical training programmes cover the legal, social and commercial benefits of good waste management and good practice guidance on achieving these. Experience has demonstrated that following training, operational personnel are more committed to following a defined waste management strategy.
- Provide expert advice for ad hoc waste streams – specifically on difficult or unknown waste streams. This may include the sampling, testing and characterisation of wastes and preparation of paperwork for shipment.
- Auditing of environmental practices, waste systems and procedures – site visits, gap analysis and desk top reviews may be undertaken to revise compliance with regulatory requirements and also with internal policies, strategies and procedures.
- Advising and developing client waste management procedures
- Waste segregation to maximise recycling and reuse options – site visits to provide on site advice of how this can be best achieved.

Commitment to HSEQ & Service

TWMA's commitment to HSEQ and service allows all operations to be undertaken in a safe manner; in this sense TWMA is able to provide the following assurances:

- Safety is given top priority in all our procedures
- Documented safe systems of work are available for all tasks and projects
- Continual personal development of employees through training and competency
- Employees are knowledgeable in safe working practices
- Continual review of HSEQ performance to strive for continued improvement
- Expert guidance 24 hours a day, 365 days a year
- Professional Account management – straight forward one point of contact
- A promise of continual improvement to meets increasingly strict environmental legislation
- Contractual key performance indicators for service, recycling/reuse, minimisation and cost reduction
- Auditable cradle to grave waste management
- Personnel waste awareness training

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