

TOTAL ENVIRONMENTAL SOLUTIONS

www.tes-applications.com

Total Environmental Solutions (TES) is a UK company that provides a complete environmental solution for South America through the clean-up and recovery of waste oil and the cost effective treatment of contaminated water and solids through the application of proven industry leading technology.

TES provides customised, cost-effective solutions to meet the specific requirements of each client through its partnerships with expert engineers and fabricators in all disciplines of industrial and domestic waste water and waste oil treatment process design, equipment fabrication and operation.

In Colombia, TES has formed a partnership with Oil Business Services SAS (OBS), a leading Colombian engineering, project development and operations company with many years of experience with major oil companies, to focus upon waste water treatment.

OBS and TES are able to discuss alternative financing arrangements with clients



Water Treatment Expertise

There are extensive legacy environmental problems relating to waste oil emulsions, production water waste water, contaminated water, black water and gray water that exist across all of South America. In addition, there is a need for safe potable water supplies as well. Environmental legislation is changing and authorities (ANLA in Colombia) are requiring clean-up to happen. However, there is limited expertise in the region to do this.

TES can treat any waste water stream to a standard suitable for reuse or surface discharge. Some examples of reuse could be construction, premix cement plants, dust control, agriculture, blending, street washing, fleet washing, barge and tanker cleaning, ballast, and more.

Potable drinking water can be produced from contaminated fresh water wells, contaminated municipal water supplies, brackish wells and seawater. Safe, reliable potable water is economically produced on every continent in the world today.

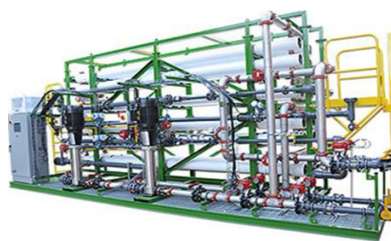
TES has the expertise to assist clients in the following areas:

- Drinking water for human consumption, municipalities.
- Treatment of contaminated water supplies or production from sea water (desalination) for industrial use or human use &/or consumption.
- Treatment of ship slops water for reuse or surface discharge per regulatory requirements.
- Treatment of oil field and industrial generated waste water for reuse or surface discharge
- Domestic sewage treatment plants for reuse or surface discharge.

TES brings Best-In-Class North American and European engineers and suppliers to the task of providing the best solution to solve your issues. Our team has decades of experience in real world projects addressing these problems. They have worked on projects in North America, Latin America, South America, the Caribbean and the Middle East.

TES offers a customised service for each specific treatment and project:

- Laboratory testing to determine the optimum treatment and process design for each waste fluid.
- Best-In-Class service providers based upon specific requirements for each project.
- Given an acceptable contractual arrangement, TES could provide the funding required for the project's capital investment.
- Process optimised during operations with TES experts to advise & adjust on site.
- Continuous operations with ongoing monitoring & adjustments in real time.
- We provide a Performance Guarantee.
- All regulatory effluent standards can be met up to and including USA EPA and OSHA.



Value Offering

TES specializes in modular customized platforms of treatment plants. This allows us to provide the highest quality fabrication and to field test the plant before delivery. This provides our customer shorter time frames for installation and commissioning. The modular system also allows TES to work with the client to initially contract for only what they need now then scale up to higher volumes in phased steps, as required.

TES will design procure, construct, install, commission, operate and maintain the process plant to the client's specifications and capacity requirements. It will provide the personnel and the quality control of treated waste water to achieve the specification every day.

TES looks to build a long term relationship with the client and TES and will consider flexible financing arrangements to assist the client.

Please contact us to give you a no obligation assessment of & solutions for the issues you want to solve.

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