



“Engineering Solutions for Good Life”

WATER RESOURCE MANAGEMENT



TBS INDUSTRIAL SERVICES INC.

Water Resource Business Unit

TBS Water Resource Business Unit that provides water solutions for water supply including treatment of wastewater using the latest technology. Water supply is available by treating fresh water resources from lakes and rivers, treating sea water through desalination technology and even treating wastewater to clean water for re-use.

Water supply solutions can be provided by TBS through EPC contracts and even on Build-Operate-Own-Transfer arrangements. Wastewater Treatment is not only essential to the environment but the proper management of water resources around us.

There are already a number of innovative technologies for wastewater treatment that saves space, cost and reusability. Wastewater treatment can also provide renewable energy. The environmental cycle are all used, nothing is wasted. This is water resourced management. No waste. TBS Water Resource Business partners with the world's leading water companies to provide water at all times and at a very reasonable cost.

OUR SERVICES:

Is based on a holistic life cycle model extending from project development to long-term operation:

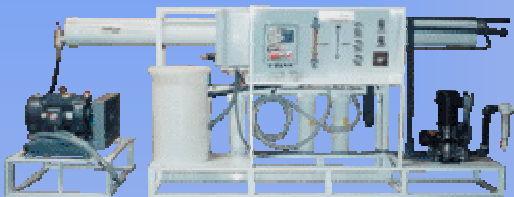
- **Consulting**
- **Design**
- **Engineering**
- **Procurement**
- **Construction**
- **Commissioning**
- **Operation and Maintenance (O&M)**
- **Hauling and Disposal of Biosolids**

Desalination - Water Purification

Desalination is where Salt water is desalinated to produce fresh water suitable for human consumption or irrigation.

There are varying degrees of salinity in water, which affects the difficulty and expense of treatment, and the level of saline is typically measured in parts per million (ppm).

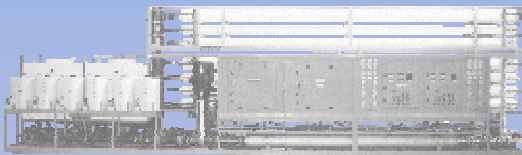
The U.S. Geological Survey provides an outline of what constitutes saline water: 1,000 ppm – 3,000 ppm is low salinity, 3,000 ppm – 10,000 ppm is moderate salinity, and 10,000 ppm – 35,000 ppm is high salinity.



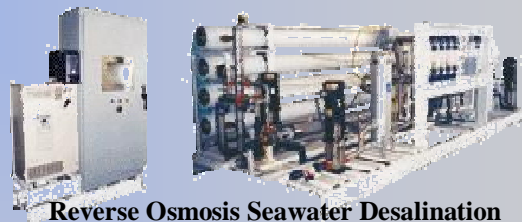
**10,000 ~ 20,000 GPD
Seawater Desalination System**



**132,000 ~ GPD (500 M³/day) Seawater RO
Plant with Energy Recovery Turbine**



**446,400 ~ GPD (1690 M³/day)
Seawater RO Plant**



**Reverse Osmosis Seawater Desalination
Systems with Energy Recovery System**



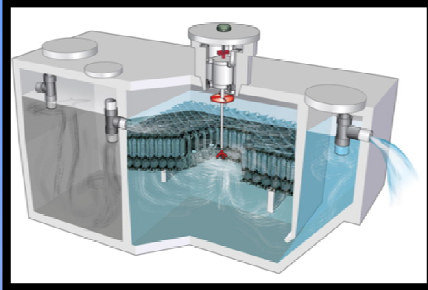
BWRO WITH TOUCH SCREEN

Wastewater Treatment Solutions

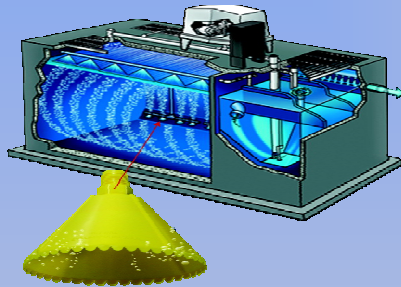
Manufacturer of:

- Industrial Water Treatment
- Residential & Commercial Wastewater Treatment

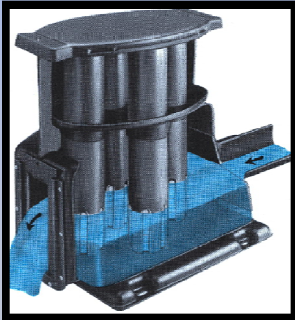
- Residential Plants 500 to 4,000 GPD



- Commercial Plants 1,500 to 300,000 GPD



WASTEWATER DISINFECTANT SYSTEMS



Non – mechanical

- Consists of JET Tablet Feeder and JET-CHLOR Tablets
- Can be installed at new or existing facilities, either above or below ground.
- Rate of chlorine and chlorine residual can be adjusted
- Various sizes available

TBS AND JET :

- Provides design and engineering for each project.
- Tech Support
- Plant Commissioning
- Operator Training
- Continuing tech support after the sale
- Product Support provided by TBS and Jet Inc. USA

STP INSTALLATIONS



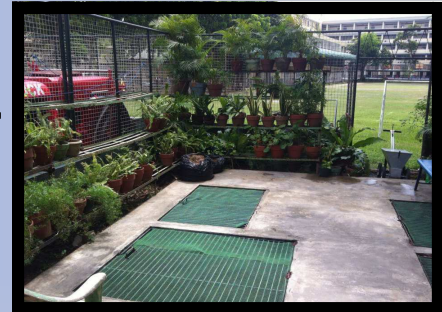
**PORTABLE STP
INSTALLED IN JOLLIBEE
GREEN MEADOWS JET 500
-800 PLT**

**STP ONGOING
INSTALLATION IN TV 5
MEDIA CENTER 250 CUBIC
METER**



**PORTABLE STP INSTALLED
IN MARINA BAY PROJECT
JET 500-800 PLT
20 CUBIC METER**

**STP INSTALLED IN CLARET
SCHOOL OF Q.C.
6,000 GPD**



**JET INSTALLATION IN
RANGOON, BURMA WITH
EFFLUENT BEING USED
FOR IRRIGATION**

**JET INSTALLATION IN
KENYA**





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