



Potable water in the desert

Libya, 700 m³/d

Project Description:

In collaboration with our local partner in Libya Lenntech has been awarded a contract for the engineering, manufacturing and assembly of a containerized high brackish water reverse osmosis system on a petrochemical site in the Sahara desert in the State of Libya. The treated and desalinated water is used as potable and industry water. The water desalination system is equipped with top brand instrumentation and equipment. The system is completely from European origin and will be delivered with a certificate of origin.

Scope of Work:

- Engineering, manufacturing and assembly
- Containerized system with air conditioning
- H₂S degassing tower
- Chemical dosing stations
- Multimedia filtration
- 5 micron cartridge filtration
- Reverse osmosis system
- Automated flush
- CIP station
- PLC controlled system
- Site commissioning

Project duration:

January 2012 to September 2012

Project location:

State of Libya

Product quality:

TDS < 500 µS/cm

Project application:

Potable water for petrochemical site

Typical contract amount:

on request



LENNTech
WATER TREATMENT SOLUTIONS