

Septech Emirates LLC Water & Mobile Water Projects

MOBILE WATER OIL & GAS MUNICIPAL DESALINATION POWER MINING & RESOURCES UTILITIES MANAGEMENT



Temporary Steam Production, Desalination Plant, Jizan, KSA



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PROJECT NAME: Temporary Steam Production Project Jizan Refinery, KSA

PROJECT LOCATION: 8,400m³/day of product water

PROJECT SIZE: Containerised Desalination System. Sea water MMF containers, SWRO containers complete with

SERVICES PROVIDED: CIP and chemical dosing's container etc.

PRODUCTS PROVIDED: The design, engineering, manufacture, commissioning and operations.

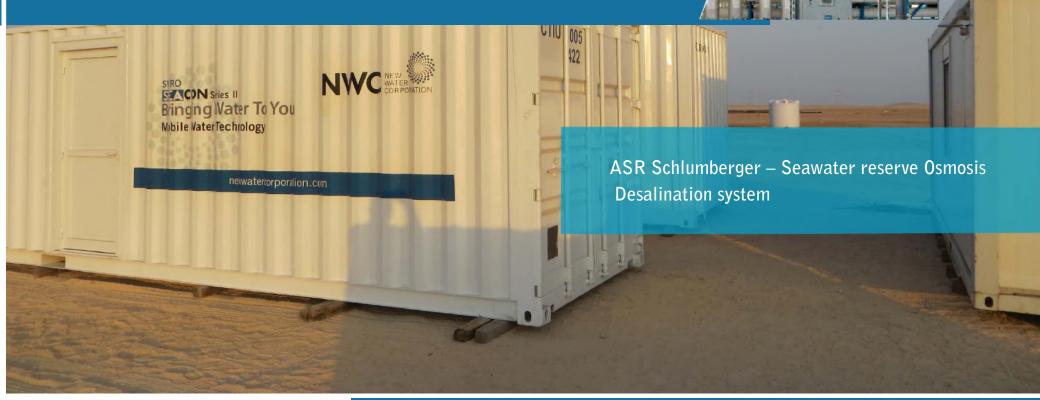








Desalination Water Treatment for Injection, Qatar











Desalination Water Treatment for Injection, Qatar

CASE STUDY

PROJECT NAME:

PROJECT LOCATION:

PROJECT SIZE:

90,000m3/day of product water

SERVICES PROVIDED:

The Design, engineering, Manufacturing and Commissioning and operations. Pre-Treatment media filtration system. Seawater reverse osmosis desalination system. Energy recovery.

PRODUCTS PROVIDED:

Seawater reverse osmosis desalination system. Clean in place, Piping support system.



Atlantis, The Palm, and Aquaventure, Dubai, UAE CASE STUDY

PROJECT NAME:

PROJECT LOCATION: Atlantis, The Palm, Dubai, UAE

PROJECT SIZE: 990,000m³/day of product water (US Gal 261,530,332/day)

The supply, installation and commissioning of all the Life Support Systems (LSS) required to sustain the aquatic exhibits at Atlantis, complete with the mechanical plant equipment and servicing of the freshwater applications, i.e. the rides & slides for Aquaventure. **SERVICES PROVIDED:**

Sand filters, heat exchanges, pumps, strainers, ozone generating equipment, compressors, chemical dosing, foam fractionators, UPVc pipe systems ranging from 1" through to 24", PRODUCTS PROVIDED:









The Tiger Woods, Dubai, UAE













The Tiger Woods, Dubai, UAE

CASE STUDY

PROJECT NAME: Al Ruwaya Course - Water Infrastructur

PROJECT LOCATION: Tiger Woods Golf Course, Dubai

PROJECT SIZE: 5,000m³/day of product water (US Gal 1,320,860/day)

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance **PRODUCTS PROVIDED:** Low velocity filtration systems, chemical dosing units, R.O. plant with fouling resistant membranes



Saadiyat Island, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Saadiyat Island – Stage 1 Water Infrastructure

PROJECT LOCATION: Saadiyat Island, Abu Dhabi, UAE

PROJECT SIZE: 10,000m³/day of product water (US Gal 2,641,721/day)

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance
PRODUCTS PROVIDED: Sea water intake system, media filters, chemical dosing units, sea water reverse osmosis plant









Al Ghubrah Desalination Plant, Muscat, Oman











Al Ghubrah Desalination Plant, Muscat, Oman

CASE STUDY

PROJECT NAME: Al Ghubrah 5 MIGD Mobile Water Treatment Plant

PROJECT LOCATION: Muscat, Oman

PROJECT SIZE: 22,700m³/day of product water (US Gal 5,996,705/day)

SERVICES PROVIDED: Design, Installation and Operation of Plant

Sea water intake pipework, break and storage tanks, multimedia filter containers, seawater RO containers, low pressure pumps, chemical dosings, air blower, 33KV & 11KV transformers and switchgear and all pipeworks, chemical storage building and on-site offices **PRODUCTS PROVIDED:**



MEED Quality Award 2011 Winner: GCC Water Reuse Project of the Year





DSWMC - Keppel Seghers Engineering

CASE STUDY

PROJECT NAME: DSWMC Domestic Solid Waste Management Center

PROJECT LOCATION: Doha, Qatar

PROJECT SIZE: 720m³/day demineralised water (US Gal 190,204/day)

SERVICES PROVIDED: Design, Supply, Installation, Operation and Maintenance of Plant

PRODUCTS PROVIDED: 1 No. Mobile Brackish Water Reverse Osmosis Unit and 1 No. Demineralisation Unit









Oxy Oil Field - GAP RO, Mukhaizna, Oman













Oxy Oil Field - GAP RO, Mukhaizna, Oman

CASE STUDY

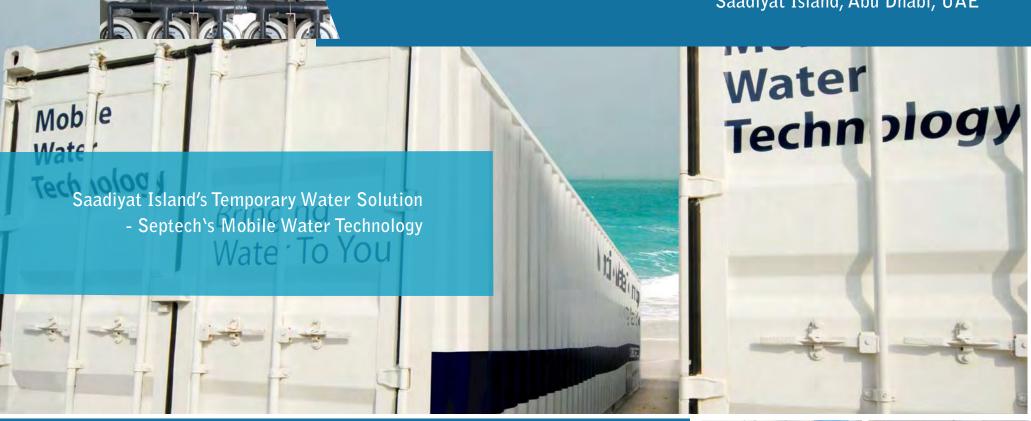
PROJECT NAME: Supply of high quality and polished feed water for Steam Generation- GAP RO

PROJECT LOCATION: Mukhaizna, Oman

PROJECT SIZE: 12,000m³/day of product water (75,500 barrels/day or US Gal 3,170,064)

SERVICES PROVIDED: Supply, installation and operation of sea water MMF containers, softener units, SWRO containers complete with CIP and chemical dosings

Sea water MMF containers, SWRO containers complete with CIP and chemical dosings container, softener units, DG interface panel, instruments, etc. PRODUCTS PROVIDED:



Saadiyat Island, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Saadiyat Island - Temporary Mobile Water Solution

PROJECT LOCATION: Saadiyat Island, Abu Dhabi

PROJECT SIZE: Desalination production 1,000m³/day (US Gal 264,172/day)

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance **PRODUCTS PROVIDED:** Sea water intake system, media filters, chemical dosing units, sea water reverse osmosis plant

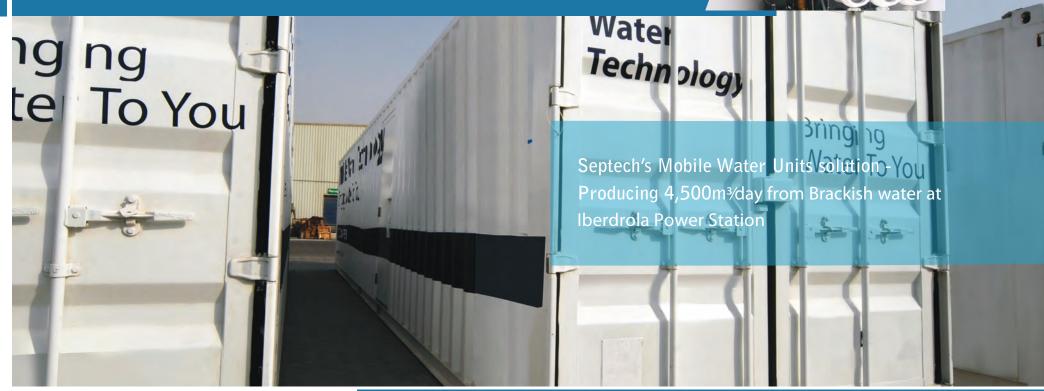








Iberdrola Power Station, Doha Qatar











Iberdrola Power Station, Doha Qatar

CASE STUDY

PROJECT NAME: Iberdrola Power Station Start-up and Commissioning

PROJECT LOCATION: Doha, Qatar

PROJECT SIZE: Brackish RO producing 4,500m³/day (US Gal 1,188,774/day)

SERVICES PROVIDED: On-site mobilisation, installation, all civil works, commissioning, operations and maintenance **PRODUCTS PROVIDED:** Brackish water system, media filters, chemical dosing units, brackish reverse osmosis plant

Awali Oil Field, Bahrain



Tatweer Petroleum (Enhanced Oil Recovery using OTSG)

PROJECT NAME:Tatweer PetroleumPROJECT LOCATION:Awali Oil Field, BahrainPROJECT SIZE:2,250m³/day of product water

SERVICES PROVIDED: Design, Engineering, Procurement, Assembly, Start-Up and Commissioning
PRODUCTS PROVIDED: Multimedia Filtration, Brackish Water Reverse Osmosis, Softener (WAC and SAC)









Pearl Dive Pool Project, Dubai, UAE











Pearl Dive Pool, Dubai, UAE

CASE STUDY

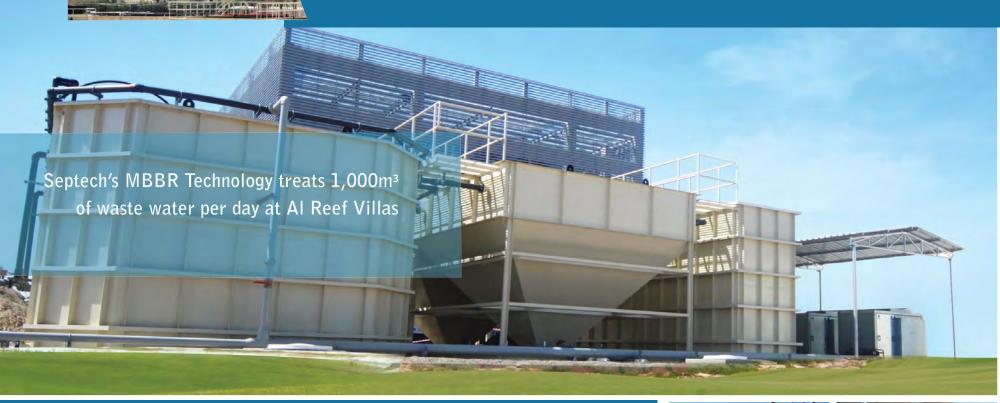
PROJECT NAME: Pearl Dive Pool

PROJECT LOCATION:Nad Al Sheba, Dubai, UAEPROJECT SIZE:74,400m³/day of Product water

SERVICES PROVIDED: Construction of an indoor scuba diving facility including design, fabrication, delivery, factory testing, site

assembly, installation, site testing & commissioning of the aquatic systems.





Al Reef Villas, Abu Dhabi, UAE

CASE STUDY

PROJECT NAME: Al Reef Villas
PROJECT LOCATION: Abu Dhabi, UAE

PROJECT SIZE: STP processing 1,000m3/day

SERVICES PROVIDED: Concept, design and installation of STP for AI Reef Villas (1,100 villa comple

PRODUCTS PROVIDED: STP with Moving Bed Biological Reactor (MBBR) producing water suitable for irrigation purposes







Wadi Al Helo, Sharjah, UAE











Wadi Al Helo, Sharjah, UAE

CASE STUDY

PROJECT NAME:Wadi Al Helo Villas (80 nos. villaPROJECT LOCATION:Wadi Al Helo, Sharjah, UAEPROJECT SIZE:STP processing 70m³/day

SERVICES PROVIDED: Supply and Installation of Sewage Treatment Plant

PRODUCTS PROVIDED: Underground Trickling Biofilter (UTB)

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