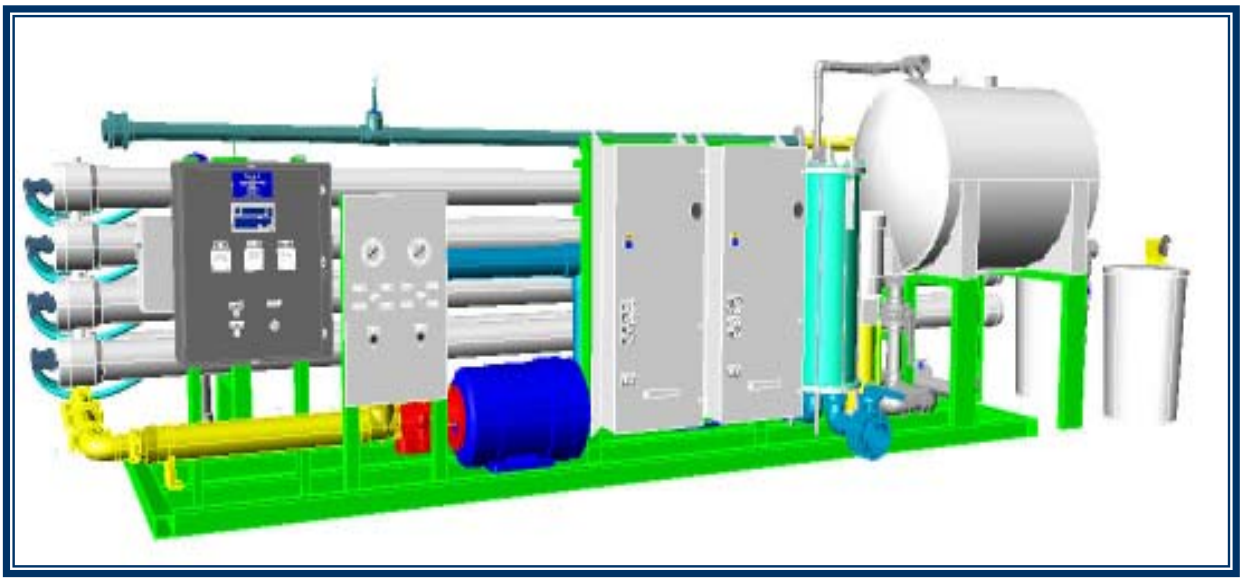
U.S. Military Classified Camp



LOCATION
Near Baghdad, Iraq

ENGINEER
The Staff Members of Sea Level Systems, LLC

CAPACITY
264,000 GPD

FEED QUALITY
4,000 – 16,000 mg/l TDS

FEED SOURCE
Brackish Well

IN OPERATION SINCE:
2006

The US Military contacted the Staff Membeers of Sea Level Systems (SLS) in 2005 interested in our B2FS Product Line Series. This is a Brackish to Fresh Water system that was exactly what the Military required for use in one of the Military camps in Baghdad.

The system, required on a rush order, was completed in six weeks and air freighted to the Camp site ahead of time. The weight of the system for this rush shipment was 15,000 pounds.

The package system was completely wet-tested prior to shipment. This wet-testing included the membranes to guarantee complete specification compliance prior to installation and start-up on-site.

To ensure required reliability the unit was designed to accommodate variable feed water sources ranging from 4000 to 16000 mg/l TDS. Twin pumps were utilized for this reliability with each pump having its own VFD to control output and pressure of the pump chosen to work with a specific feed water TDS.

The system runs at 50% recovery and incorporates a PLC Manned Interface. The Staff of Sea Level Systems (SLS) did all of the controls for the unit.

SEA LEVEL SYSTEMS, LLC

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