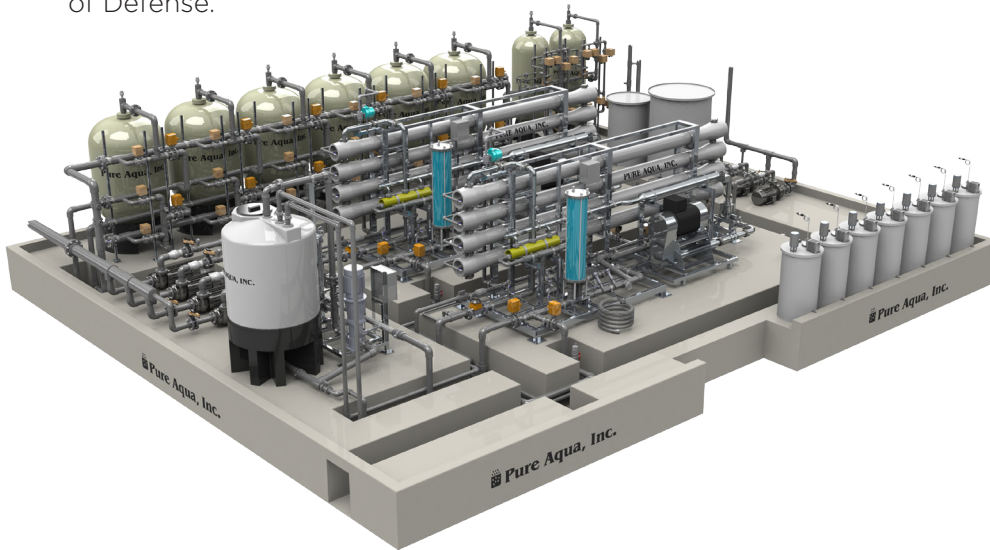


## Ministry of Defense, Oman

Pure Aqua designed and manufactured modular sea water and brackish water systems for plant integration at the Oman Ministry of Defense.



2010

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Designed and Manufactured  
in Southern California, USA



Pure Aqua Inc. is an ISO:9001 certified company with over a decade of experience in advanced system design and manufacturing.

### Plant Overview

Location:	Oman
End-User	Sultanate of Oman, Ministry of Defense
Objective:	Drinking water to be used on military base with Boron content less than 1ppm
Water Source:	Sea water well
Feed TDS:	45,000PPM sea water well
Plant Capacity:	126,000 GPD Reverse Osmosis output 132,000 GPD Ion Exchange output
Pretreatment:	1 train of 6 multimedia filters, FRP tanks
Auxiliary System:	Ion Exchange polisher, Cleaning/flushing system. Coagulant, chlorination, dechlorination and antiscalant dosing systems
Control System:	PLC controlled with color touch screen

Using the latest technology in 3D Computer Aided Design (CAD) software allows for highly detailed and functional design. This reduces material cost and environmental impact, while maintaining quality and reliability.

Our modular systems are engineered for ease of integration and delivery to many locations worldwide.