

Industrial Brackish Reverse Osmosis Plants

In June 2012, Pure Aqua, Inc. successfully manufactured and supplied industrial brackish reverse osmosis plants to a major company in Egypt. The objective was to produce drinking water with less than 500 ppm. The plants consisted of three identical RO systems with feed/backwash pumps, multi-media filters and chemical dosing systems. The three RO systems were each designed to produce 126,816 GPD from surface water of approximately 800 PPM TDS.



System Overview

Location:	Egypt
Objective:	Drinking water with less than 500 ppm
Water Source:	Surface water
Feed TDS:	800 ppm
Capacity:	3 X 126,816 GPD
Pretreatment:	Multi-media filter, Prechlorination, dechlorination, and antiscalant dosing systems
Instruments:	Digital flowmeters, conductivity monitor, ORP monitor, pH adjustment, and low & high pressure switches
Control System:	Advanced PLC

sales@pureaqua.com
www.pureaqua.com

2230 S Huron Drive
Santa Ana, CA
92704 USA

Tel: +1-714-432-9996
Fax: +1-714-432-9898

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.

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.