Pure Aqua, Inc.

Water Treatment and Reverse Osmosis Systems

Industrial Brackish Water Reverse Osmosis Systems

In May 2012, Pure Aqua, Inc. successfully manufactured and supplied three identical industrial brackish water reverse osmosis systems to a major company in Egypt. The objective was to produce drinking water with less than 500 ppm. The systems consisted of RO systems with feed/backwash pumps, multi-media filters with clack valves and chemical dosing systems. The three RO systems were each designed to produce 43,000 GPD from well water of approximately 5000 PPM TDS.

System Overview

Location:	Egypt
Objective:	Drinking water with less than 500 ppm
Water Source:	Well water
Feed TDS:	5000 ppm
Capacity:	3 X 43,000 GPD
Pretreatment:	Multi-media filter, Prechlorination, dechlorination, and antiscalant dosing systems
Instruments:	Flowmeters, conductivity monitor, ORP monitor, and low & high pressure switches
Control System:	Microprocessor control panel

Case Study

2012

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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.

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.