

BWRO Machine

In January 2013, Pure Aqua, Inc. successfully manufactured and supplied a BWRO machine to a major company in Ghana. The objective was to produce drinking water with less than 500 ppm. The product water capacity was 24,000 GPD from bore hole well water of approximately 3,000 ppm TDS. The BWRO machine was selected from our RO-300 series and came complete with microprocessor control panel, high pressure stainless steel pump, pre and post treatment, and cleaning systems. Since its initial startup in March 2013, the BWRO machine has been running smoothly with minimal trouble-shooting.



System Overview

Location:	Ghana
Objective:	Drinking water with less than 500 ppm
Water Source:	Bore hole well
Feed TDS:	3,000 ppm
Capacity:	24,000 GPD
Pretreatment:	Multimedia, carbon, and green sand filters
Chemical Dosing:	Prechlorination and antiscalant dosing systems
Instruments:	Flowmeters, conductivity monitor, and low & high pressure switches
Control System:	Microprocessor control panel

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.