

## Industrial Reverse Osmosis Equipment

In December 2013, Pure Aqua manufactured industrial reverse osmosis equipment for a major company in Ecuador. In the equipment is an industrial reverse osmosis device from our RO-400 series and two chemical dosing systems. From a groundwater feed, the equipment can dechlorinate, treat, and purify water of no more than 3,000 PPM TDS at a rate of 87,000 GPD. From its initial start-up, the system has been functioning accordingly with minimal trouble-shooting.



### System Overview

Location:	Ecuador
End-User:	A major company
Objective:	To remove hardness, chlorine, and to lower TDS
Water Source:	Borehole well
Feed TDS:	3,000 PPM
Capacity:	87,000 GPD
Pretreatment:	Dechlorinating chemical injection, antiscalant chemical injection
Instruments:	Flow meters, conductivity meter, pressure gauges, high and low pressure switches
Control System:	Microprocessor control panel w/ ORP monitor

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Designed and  
Manufactured in  
Southern California,  
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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.