

## Industrial Seawater Reverse Osmosis System

In December 2013, Pure Aqua successfully supplied and manufactured an industrial seawater reverse osmosis system to a major company in Mexico. The machine was designed with an advanced PLC controller and energy recovery system to function with a smaller horsepower motor. The machine was designed to produce 112,000 GPD at a maximum 36,000 PPM feed water TDS. The machine was selected from our SWI Series. From its initial start-up, the machine has been functioning properly with minimal trouble-shooting.



### System Overview

Location:	Mexico
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Beach well
Feed TDS:	36,000 PPM
Capacity:	112,000 GPD
Pretreatment:	Antiscalant dosing system
Instruments:	Flow meters, conductivity meter, pressure gauges, and low & high pressure switches
Control System:	PLC 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.