

SWRO Machine

In September 2012, Pure Aqua successfully manufactured and supplied a SWRO machine to a major company in Papua New Guinea. The machine came complete with an advanced PLC along with pretreatments consisting of multimedia filters and chemical dosing system. The SW-24K-2380 machine was designed to produce 24,000 GPD at a maximum 30,000 PPM feed water TDS.



System Overview

Location:	Papua New Guinea
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Seawater beach well
Feed TDS:	30,000 PPM
Capacity:	24,000 GPD
Pretreatment:	Multimedia filter, prechlorination, dechlorination and antiscalant dosing systems
Instruments:	Flow meters, conductivity meter, pressure gauges, ORP monitor and low & high pressure switches
Control System:	Advanced PLC

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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.