

Commercial Seawater Reverse Osmosis Package

In April 2012, Pure Aqua successfully manufactured and supplied a commercial seawater reverse osmosis package to a major sea navigation company in Russia. The system came complete with a microprocessor control panel along with pretreatments consisting of a multimedia filter and antiscalant dosing systems. The SW-4.7K-504 system was designed to produce 4,700 GPD at a maximum 42,000 PPM feed water TDS. The system were selected from our SWC Series. From its initial start-up, the system has been operating accordingly with minimal trouble-shooting.



System Overview

Location:	Russia
End-User:	A major company
Objective:	To lower the TDS
Water Source:	Seawater beach well
Feed TDS:	42,000 PPM
Capacity:	4,700 GPD
Pretreatment:	Multimedia filter and antiscalant dosing systems
Instruments:	Flow meters, conductivity meter, pressure gauges, and low & high pressure switches
Control System:	Microprocessor control panel