

## Reverse Osmosis Equipment

In May 2013, Pure Aqua, Inc. designed and manufactured reverse osmosis equipment to a major company in Chile to remove hardness, chlorine, TDS, and odor from well water. The equipment included multimedia and activated carbon filters to remove particulates, odor, color and taste, and a water softener to remove hardness.



### System Overview

Location:	Chile
End-User:	A major company
Objective:	To remove hardness, chlorine, TDS, and odor
Water Source:	Well water
Feed TDS:	1,000 ppm
Capacity:	3,000 GPD
Membranes:	Hydranautics "ESPA1-4040", Quantity 2
Pretreatment:	Multimedia and activated filters, and a water softener
Instruments:	Flowmeters, conductivity meter, pressure gauges, and a low pressure switch
Control System:	Microprocessor control panel

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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.