

## Commercial Water Filtration System

In September 2012, Pure Aqua, Inc. manufactured and supplied a commercial water filtration system to a major company in PA, USA to lower hardness, TDS, and odor from well water. The system came complete with pre and post treatments including prechlorination, activated carbon & green sand filters, twin alternating softener, UV sterilizer, and calcite filter. The system was designed to produce 3,000 GPD at a feed water TDS of a maximum 500 ppm, it was selected from our RO-200 series and came complete with a microprocessor control panel.



### System Overview

Location:	PA, USA
End-User:	A major company
Objective:	To lower TDS, hardness, and iron
Water Source:	Well water
Feed TDS:	1,500 ppm
Capacity:	3,000 GPD
Pretreatments:	Prechlorination, activated carbon & green sand filters, and twin alternating water softener
Posttreatments:	UV sterilizer and calcite filter
Membranes:	Hydranautics "LC LE-4040", Quantity 16
Instruments:	Flowmeters, conductivity meter, pressure gauges, auto flush, and low pressure switch
Control System:	Microprocessor 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.