

(UF) System

In May 2011, Pure Aqua successfully designed and manufactured a (UF) system along with a (UF) cleaning system to provide potable water for piloting domestic sewage for a major company in FL, USA. The UF System produced 14,400 GPD. It came complete with a PLC control panel with touch screen, feed pump, backwash pump, rotameters, and an I50 micron screen filter. The UF cleaning system was designed with the capability to clean one ultrafiltration module. The system came complete with a SS pump, 5 micron cartridge filter, and a 50 gallon tank.



System Overview

Location:	FL, USA
End-User:	A major company
Objective:	Pilot plant
Water Source:	Secondary wastewater (treated sewage)
Capacity:	14,400 GPD
Instruments:	Flow meter, pressure gauges, and solenoid valves, and a differential pressure switch
Control System:	PLC controlled with touch screen

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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.