

Ultrafiltration System

In May 2011, Pure Aqua, Inc. successfully manufactured and supplied an ultrafiltration system to a major company in Colombia. UF is recognized as the greatest available technology for wastewater reuse projects.

The ultrafiltration system was designed for tertiary treatment of secondary wastewater (treated/clarified sewage). The 15 GPM system was made up of one UF module; major components consisted of a backwash tank, automatic screen filter, and a microprocessor control panel.



System Overview

Location:	Colombia
End-User:	A Major Company
Objective:	Non-potable reuse
Water Source:	Secondary wastewater (treated sewage)
Feed TSS:	< 50 ppm
Capacity:	15 GPM
Instruments:	Flowmeter, pressure gauges, and solenoid valves
Control System:	Microprocessor control panel

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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.