



***Alternative
Energy Specialist***










Promoting Renewable Energy

Alternative Energy Water Filtration System (WFS)

The Alternative Energy WFS is a rapid deployment, mobile, potable water disinfection system and filtration system. A complete packaged system designed to treat raw water from fresh water sources of varying quality.

The Alternative Energy WFS Advantages:

-  Exclusively powered by renewable energy from river currents
-  Ability to operate in any remote location with low or non-existent infrastructure.
-  The system is totally submerged in the river and is therefore unseen from shore, avoiding impact on the shoreline and allowing free maritime traffic over the operating area.
-  Water transportation and distribution - The pumping energy provided by the water current power converter also used to pressurize the product water for further transportation to more distant locations.
-  Rapid Deployment Configuration - Fully enclosed and easily transportable via most modern modes of transportation (truck, rail, cargo aircraft, helicopter, and barge).
-  Rugged Construction - The modular design of major components increases durability and reliability. There are no down-time maintenance functions that are labor and chemical intensive and which could result in reduced daily production targets.
-  The GRF can also be converted into an irrigation pumping system with simplified filtration.

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1801 N Tryon Street, Suite 212

Charlotte, NC 28206

<http://www.AlternativeEnergySpecialist.com>

704-299-5215