



ECONSE

ADVANCED DRINKING WATER PURIFICATION

Chemical Free
Pre-Engineered Systems
Removes Bacteria, Viruses
Heavy Metals & More
For Municipalities, Small & Remote Communities



Certified to
NSF/ANSI 61

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ECONSE WATERHORSE: DRINKING WATER PILOT, TEXAS

The Challenge:

Water scarcity is a growing concern around the world. Many regions are experiencing record droughts. Other areas have access to abundant sources of water, but the water is unusable due to a variety of reasons including: high levels of contamination, high cost of treatment in remote locations and expensive operation and maintenance costs.

A remote city in Texas was chosen as the site to demonstrate the WATERHORSE's capabilities in cleaning polluted (brackish) water from a well and producing clean safe drinking water.

The Solution:

The ECONSE WATERHORSE is designed to purify water from a wide variety of sources, including wells, lakes, streams, and rivers. Our unique processes is designed to remove:

- Total Suspended Solids
- Total Dissolved Solids
- Bacteria, Viruses, & Organic Matter
- Precursors of THMs and HAAs
- Heavy Metals, Nitrate, Phosphate, Sulfate, Hydrogen Sulfide
- Colour & Odor

The WATERHORSE is a “pre-engineered” unit with plug & play installation. The system is fully automated, with remote monitoring and control, portable and housed inside a shippable shockproof and weather-proof container to eliminate building costs.

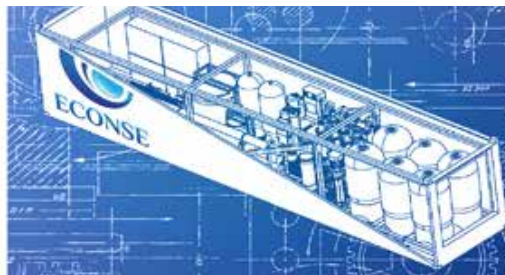
The Results:

The WATERHORSE was able to meet and surpass all drinking water standards in the USA, Canada and WHO guidelines for Safe Drinking Water. Test results were confirmed by a 3rd party certified laboratory.

This system has many applications including:

- Immediate additional capacity for Municipalities
- Primary Water Treatment for Small and Decentralized Communities
- Provide water to Large Institutional Complex Buildings, Schools, Hospitals

Please contact ECONSE if your community is interested in a demonstration.



ADVANCED DRINKING WATER PURIFICATION

ECONSE Advanced Drinking Water Purification Units provide the latest in decentralized treatment for Municipalities, Small & Remote Communities.

Our pre-engineered modular containerized systems are able to treat millions of gallons per day on the large side and are small enough to provide solutions for 10 to 20 people on the small side. Perfect for small communities, schools, hospitals & more.

- Eliminates Bacteria, Viruses, Parasites, Giardia, Cryptosporidium & pathogens
- Removes hazardous contaminants, heavy metals, Lead, Magnesium
- Removes THMs & HAAs precursors
- Destroys insecticides, pesticides, and many industrial chemicals
- Eliminate turbidity, bad tastes, colour and odour
- Smart Technology with Real Time Water Quality Monitoring

All systems are fully automated containerized units, with plug & play installation. Additionally, we offer remote operation and real time water quality monitoring, allowing several units to be controlled by a single operator or regional command center.

Our systems combine chemical free innovation with our super durable membranes to save money on life cycle, operation & maintenance costs.

The fully automated systems & plug and play installation makes it easy for customers to adapt to our equipment.

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