

# AdvanTex®

## Mobile Wastewater System

**Orenco Systems®** — developers of **AdvanTex® AX100 Textile Treatment Systems** for residential, commercial, and municipal applications — is introducing the **AdvanTex Mobile Wastewater System** ... a system that goes wherever treatment is needed.

AX-Mobile™ is a complete, portable, self-contained AdvanTex Treatment System, built inside a steel frame. The AX-Mobile can be hauled to remote locations or it can be used to provide temporary wastewater treatment services, anywhere.

“AX-Mobile is ideal for oil fields, mining and military camps, firefighter base camps, disaster relief stations, or any other remote location where better-than-secondary treatment levels are needed from a mobile wastewater system,” said Tristian Bounds, research and development engineer. “It has injection-molded structural insulation panels and can include an enclosed heating unit as an option. So it’s also ideal for locations where permafrost prevents system burial.”

How mobile is it? Any vehicle or aircraft capable of hauling a shipping container can transport an AX-Mobile. This makes it nearly as mobile as a bank of portable plastic outhouses — but with the treatment capability of a community wastewater system.

Dependability is also important in extreme environments. So our mobile AdvanTex system has been designed to be durable and easy to maintain. For example, it uses a new recirculation method with fewer components. That’s important when you’re 1,000 miles from the nearest plumbing supplier.

If you have an application for an AdvanTex Mobile Wastewater System, or just want more information, contact Orenco Systems®, **800-348-9843** or **541-459-4449**, and ask for Tristian Bounds (x236, [tristianb@orenco.com](mailto:tristianb@orenco.com)) or any Engineered Systems’ engineer.

#### Technology:

Recirculating Packed Bed Filter

#### Influent Quality:

Domestic strength

#### Effluent Quality:

cBOD/TSS (low-to-moderate loading) = <5 mg/L

cBOD/TSS (higher loading) = 15-25 mg/L

#### Nitrogen Reduction:

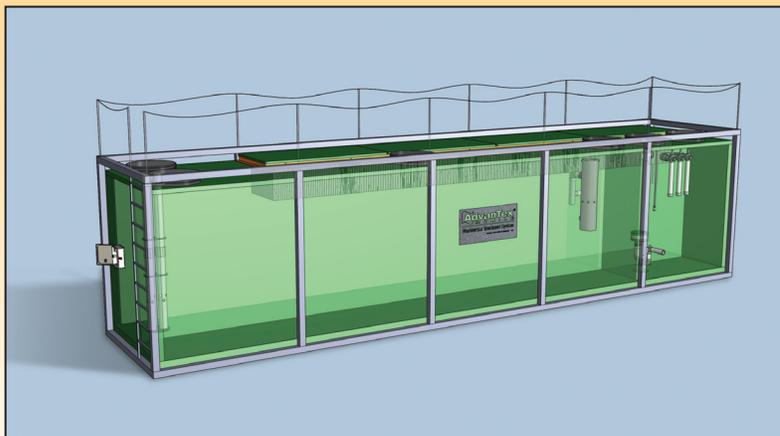
Without additional equipment: 60-70%

With additional equipment: > 90%

#### Control System:

Timer-Controlled Pumps

Remote Telemetry Control Panels



*The AdvanTex Mobile Wastewater System is built inside a steel frame and is completely portable. The system requires little power and is easy to maintain. A customized control unit can be added to the top of the AX-Mobile to protect system operators from the weather.*

**AdvanTex®** Treatment Systems  
Manufactured by **Orenco Systems®, Inc.**

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