



Commercial and Community Applications

Municipalities
Subdivisions and planned communities
Manufactured home parks
RV parks, campgrounds
Truck stops, rest areas, visitor centers
Schools, churches
Resorts



RELIABLE, ECONOMICALLY SUSTAINABLE
WASTEWATER TREATMENT

AdvanTex AX-Max Treatment System

Why AdvanTex AX-Max?



SIMPLE

Easy to install.
Minimal operation and
maintenance needs.



SCALABLE

Modular, easy to expand
as flow increases.



COMPLETE

All-in-one, fully plumbed
package in a fiberglass tank.



AFFORDABLE

Low energy consumption,
low life-cycle costs.



TRUSTED

Backed by Orenco's
decades of expertise.

Let us make wastewater management easy
– so you can get back to what matters.

Sustainable Solutions for a Cleaner Future

Need advanced treatment?

Discovering you need a more complex wastewater treatment system than initially thought can leave you wondering how to meet tough regulations.

And a hassle-free fix?

You want a solution that lasts without constant headaches, but you may not know what options are available or how to choose between them.

What's the best pick?

With so many options floating around, choosing the right one can feel like a guessing game.

Orenco's AdvanTex AX-Max Treatment Systems provide reliable, energy-efficient wastewater treatment for small communities and commercial sites, consistently meeting stringent regulatory standards with exceptional nitrogen reduction.



A single AdvanTex AX-Max handles average daily flows of up to 15,000 gallons per day (56,781 L/day) and can be installed in multi-unit arrays to treat larger flows.

AdvanTex AX-Max Treatment System



An AdvanTex AX-Max Wastewater Treatment System – with its low life-cycle costs and small footprint – was chosen as the best replacement for a failing treatment plant in the community of Pinebrook, New York. Photo courtesy of Julie Barown.

A Simple Path Forward

Knowing the right questions to ask is the first step toward choosing a wastewater treatment technology.

Ensure Your Return on Investment

- How much will this system cost me to operate every year?
- What are the long-term, life-cycle costs of this system?
- Which system can I rely on to avoid shutdowns and bad odors that will hurt my business?

Keep It Sustainable

- How long will the main components (tanks, pumps, treatment media, and controls) last?
- How hard is it to replace these components, and what do they cost?
- Can this system be expanded as my business or property needs grow?

Meet the Requirements

- How do I know if I need advanced wastewater treatment?
- Can this system meet the regulations and be adapted to a change in regulations?
- How do I avoid costly regulatory fines?

Know Who to Trust

- Does this system's manufacturer have a long, successful track record?
- How many systems has this manufacturer sold and installed?
- What product support will this manufacturer provide me after the sale?

No Guesswork

With Orenco Systems, you don't have to guess. We've thought through all the problems, so you don't have to. Our time-tested systems protect your investment by ensuring you don't face costly repairs, fines for noncompliance, or unnecessary complications.

At Orenco, we provide simple solutions that last. Whether you're in the early planning stages or need ongoing support following your installation, we're here to ensure that your system runs smoothly, year after year.

WHY CHOOSE ORENCO?

- Over 40 years in the wastewater business
- Expert staff to guide you through every decision
- Comprehensive support from design to long-term maintenance
- A reputation for excellence and reliability

WHY CHOOSE ADVANTEX?

- Minimal operation and maintenance needs
- Low life-cycle costs for a strong return on investment
- Technology built to grow with you and meet regulatory changes
- Peace of mind through consistent, reliable performance



AdvanTex AX-Max Treatment System

Carefully Engineered by Orenco

With a deep respect for the environment and a long tradition of innovative problem-solving, Orenco designs and builds the world's best decentralized wastewater systems with pride in Southern Oregon. Our products help ensure the health and safety of people, neighborhoods, and communities everywhere by protecting the world's water.

We maintain an environmental lab and employ dozens of civil, electrical, mechanical, and manufacturing engineers, as well as wastewater treatment system operators. Orenco's technologies are based on sound scientific principles of chemistry, biology, mechanical structure, and hydraulics.

Founded in 1981, Orenco has become an industry leader, with about 400 employees and some 330 points of distribution around the world. Our systems have been installed in more than 70 countries.



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Use the AX-Max for Properties Like These ...

MUNICIPALITIES

The village of Dupont, Ohio, found itself under orders from the Ohio EPA to install a new wastewater collection and treatment system that would protect the Auglaize River from septic runoff. The system would need to be reliable, affordable, and robust enough to handle the entire wastewater flow generated by the village. To qualify for financial assistance from the Ohio EPA, Dupont partnered with the nearby village of Cloverdale to apply for funding and create the Cloverdale Dupont Wastewater Authority. After analyzing their options, village leaders chose a Prelos® Sewer (pressurized, liquid-only sewer) followed by an AdvanTex AX-Max Wastewater Treatment System, both manufactured by Orenco Systems.



COMMUNITIES

A deluxe community in California's Sierra Nevada Mountains was having problems with both the collection and treatment of its wastewater. On-lot grinder pumps at each household had a high rate of failure, and the sequencing batch reactor (SBR) for wastewater treatment had never even been turned on, due to low seasonal flows. Grizzly Ranch began replacing failed grinder pumps with liquid-only systems, while the SBR was replaced by an AdvanTex AX-Max Wastewater Treatment System. AdvanTex systems can be installed in phases to accommodate both the low flows that are common in the early stages of a development and, later, the increased flows at full buildout. The AdvanTex system can operate year-round, even through the winter, and was available for immediate operation after being installed.



CAMPGROUNDS

Existing wastewater treatment equipment for the campground at Glendhu Bay Holiday Park in New Zealand wasn't meeting discharge requirements. Because the nearby lake is a source of drinking water for the local region, a new system was needed that could consistently meet treatment requirements, despite variable flows and a cold climate. An AdvanTex AX-Max Wastewater Treatment System was chosen as an economical option that would reliably meet the given discharge limits while leaving only a small environmental footprint. Completely prepackaged and built inside a durable, insulated, fiberglass tank, an AX-Max unit is also easy to ship, either by truck, rail, or cargo container.



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