

DELTA TREATMENT SYSTEMS
PACKAGE WASTEWATER
TREATMENT PLANTS

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Package Wastewater Treatment Plants

The Perfect Wastewater Treatment Solution

Delta Treatment Systems, the leader in pumping and wastewater treatment technologies, applies its many years of experience into their Extended Aeration Package Wastewater Treatment Plants. The product line is available from 500 GPD up to 250,000 GPD. Package Wastewater Treatment Plants solve specific wastewater handling problems for subdivisions, schools, apartment complexes, shopping centers, commercial offices, recreational areas, motels, mobile home parks, power plants, industry and many other applications. For these and other locations without centralized sewage facilities, the Delta Treatment Systems team will work with you to determine the exact treatment system configuration for your needs and to provide professional assistance from proposal to start up and beyond.

Delta Treatment Systems Uses Biological Processes

Delta's extended aeration plants utilize the activated sludge process which allows naturally occurring bacteria to break down and oxidize organic contaminants in domestic wastewater. With the combination of aeration, clarification, and disinfection, the influent organic biological loading is consumed and converted into a highly treated, clear and odor-free effluent, allowing for subsurface disposal or direct discharge within stringent regulatory permits requirements.



2 Completely enclosed and insulated



Above-grade installation



At-grade installation

Typical Applications

- Housing developments
- Hotels and motels
- Schools
- Hospitals
- Resort areas
- Apartment complexes
- Condominiums
- Military facilities
- Highway rest areas
- Prisons
- Agricultural waste
- Industrial facilities
- Power stations
- Mobile home parks
- Vineyards



Complex treatment system servicing industry needs.

Package Wastewater Treatment Plants

Delta Treatment Systems Package Wastewater Treatment Plants are designed to the particular needs of each location. Suitable for permanent or temporary use in areas outside municipal wastewater systems, each Delta Treatment Systems plant is pre-built at the factory and shipped to the project site as a self-contained unit that requires only minimal field work. These extended aeration plants can be as simple as secondary treatment or as complex as a BNR system for biological nutrient reduction.

Secondary flow equalization and tertiary treatment systems could include aeration, settling, filters, clearwell chambers, disinfection methods and other ancillary equipment such as blowers, pumps, electrical controls, aeration equipment, filter media and liquid level sensors. Other options such as gratings, handrails, stairways, UV treatment, and flow measuring equipment can be provided. A Delta Treatment Systems representative can assist you in specifying the system that will meet your requirements.



Air Blower Unit



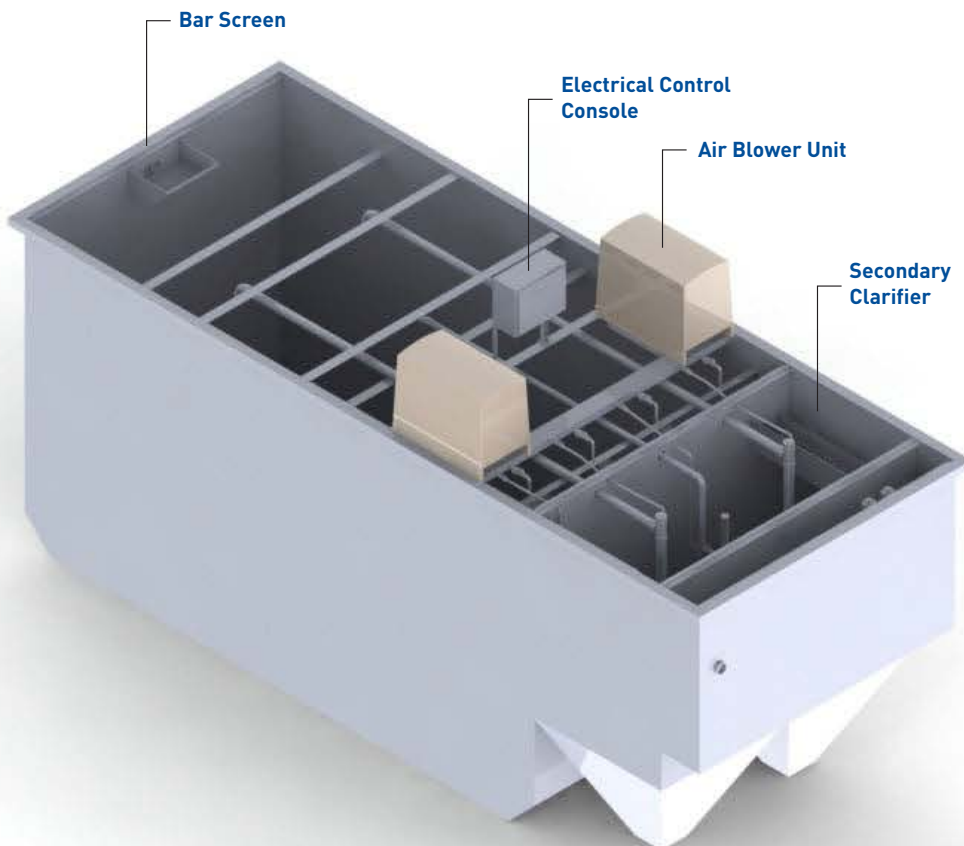
Electrical Control Console



Flow Distribution Chamber



Secondary Clarifier with Chlorination



Delta Projects – Serving a Multitude of Applications



Energy



Hospitality



Industry



Retail



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Because we are continuously improving our products and services, Delta Treatment Systems reserves the right to change specifications without prior notice.
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