

PACKAGE PLANT

PORTABLE WASTEWATER TREATMENT



MOBILE BIOWATER PACKAGE PLANTS

Biowater package plant is different than others in that it can be installed above or below ground and in either a skid mounted configuration or a trailer configuration depending on the location. Designed for installations up to 100,000 gal/d, these systems are dependable and space saving.

Typical applications include: Military bases, manufacturing facilities, embassies, residential complexes and municipalities. The Biowater package plant can be configured using any of our many Biowater processes.

Biowater's products include but are not limited to: CFAS (Combined Fixed Film Activated Sludge - IFAS) and CFIC (Continuous Flow Intermittent Cleaning) which will lead to a reduction of energy consumption in the system of at least 20-30%.

Biowater processes are feasible for all types of wastewater:

Industrial and municipal and are used for organic removal, nitrification and denitrification. The systems can be delivered combined with activated sludge to meet nitrification requirements.



Biofilm for use in the biological process.



Biowater package plant loaded on a trailer for transportation.



Biofilm being filled in wastewater tank.

AVAILABLE CONFIGURATIONS:

- Biological Nutrient Removal
- Organic Removal
- Nitrification Flow-through
- IFAS Configurations

COMPONENT OPTIONS:

- Influent Screen / Grit Removal / Clarification
- Secondary Clarification
- Pumps
- Disinfection System
- Solids Handling Equipment
- Process Blowers
- Instrumentation & Controls.

BENEFITS

- Compact - Skid mounted or trailer configuration
- Can be installed above or below ground
- Easy delivery and installation
- Cost Effective
- Odorless
- Low maintenance - "plug and play"
- Highly stable - shock resistant
- Complies with most stringent regulatory requirements
- Suitable to discharge directly to the environment
- Pre-assembled and factory tested

Products from Biowater:

CMFF - Complete Mix Fixed Film

CFAS - Combined Fixed Film
Activated Sludge

CFIC - Continuous Flow
Intermittent Cleaning

Package Plants

HEADQUARTERS

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Biowater Technology is an innovative company with over forty years of experience in the Biological treatment field. Our focus is on saving energy and resource recovery, with water as our major resource.