



**INFILTRATOR**  
water technologies

**INFILTRATOR WATER TECHNOLOGIES  
ECOPOD® & EA SERIES  
COMPLETE SOLUTIONS  
FOR COMMERCIAL  
WASTEWATER TREATMENT**

[www.infiltratorwater.com](http://www.infiltratorwater.com)

# INFILTRATOR WATER TECHNOLOGIES

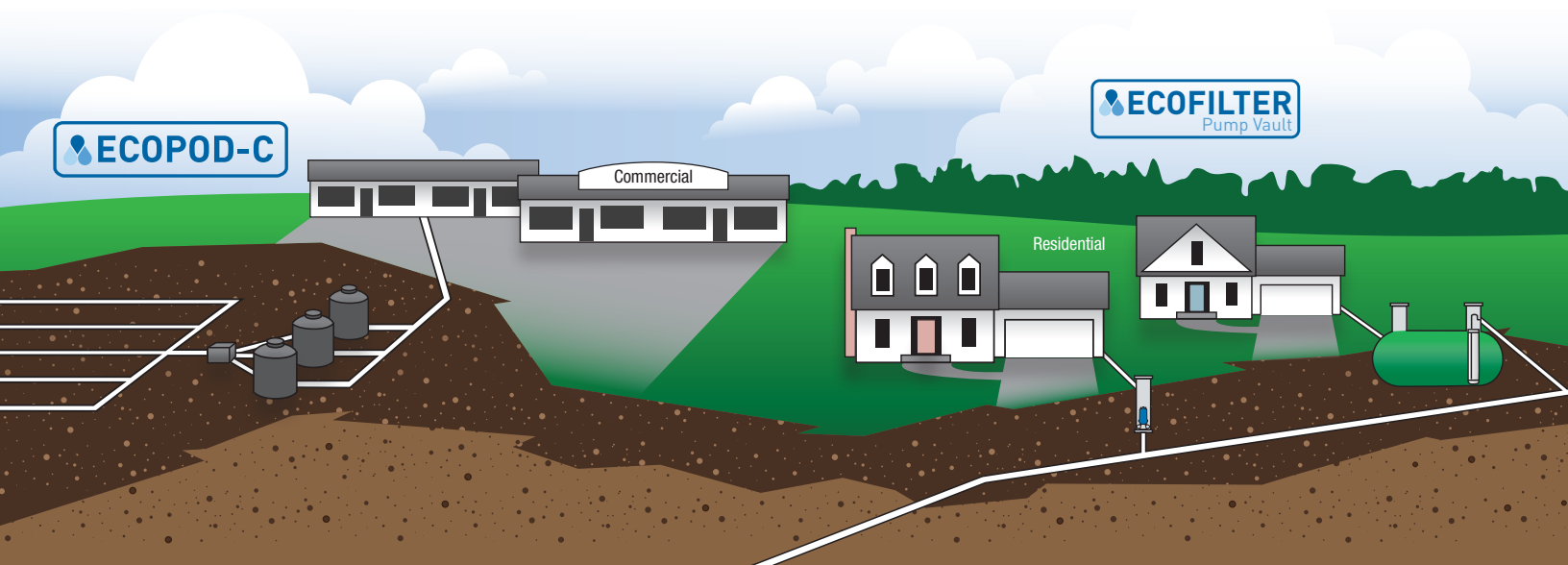
## Complete Solutions for Commercial Wastewater Treatment

### ECOPOD® Advanced Wastewater Treatment

ECOPOD Advanced Wastewater Treatment System, simple in design, requires minimal maintenance, is easy to install and highly effective in reducing the levels of BOD, TSS and nitrogen. With over five years in development and testing, the POD SERIES™ efficiently treats all three contaminants, BOD/TSS/TN.

ECOPOD Series Advanced Wastewater Treatment Systems use proven technology to convert wastewater into treated effluent. The systems provide an optimal solution where connection to municipal treatment is not an option. The ECOPOD is a specially fabricated containment unit that houses an engineered plastic media specifically designed to treat wastewater. The treated water is discharged as a clear effluent with no offensive odors, which meets or exceeds state water quality requirements. All units are simply designed, self-contained, and can be manufactured to be inserted into an onsite wastewater treatment tank or vault. The engineered design allows nitrification and denitrification to occur in a single tank, for efficient nitrogen removal.

Infiltrator Water Technologies offers two versions of the ECOPOD commercial series. The ECOPOD-C models are sized between 1,500 GPD and 10,000 GPD. These systems are compact, modular, and offer an ideal treatment solution for small to medium scale applications. The ECOPOD-D models are sized between 1,500 GPD and 100,000 GPD and are best suited for larger decentralized projects such as schools, subdivisions, fast food restaurants, apartment complexes and commercial buildings.



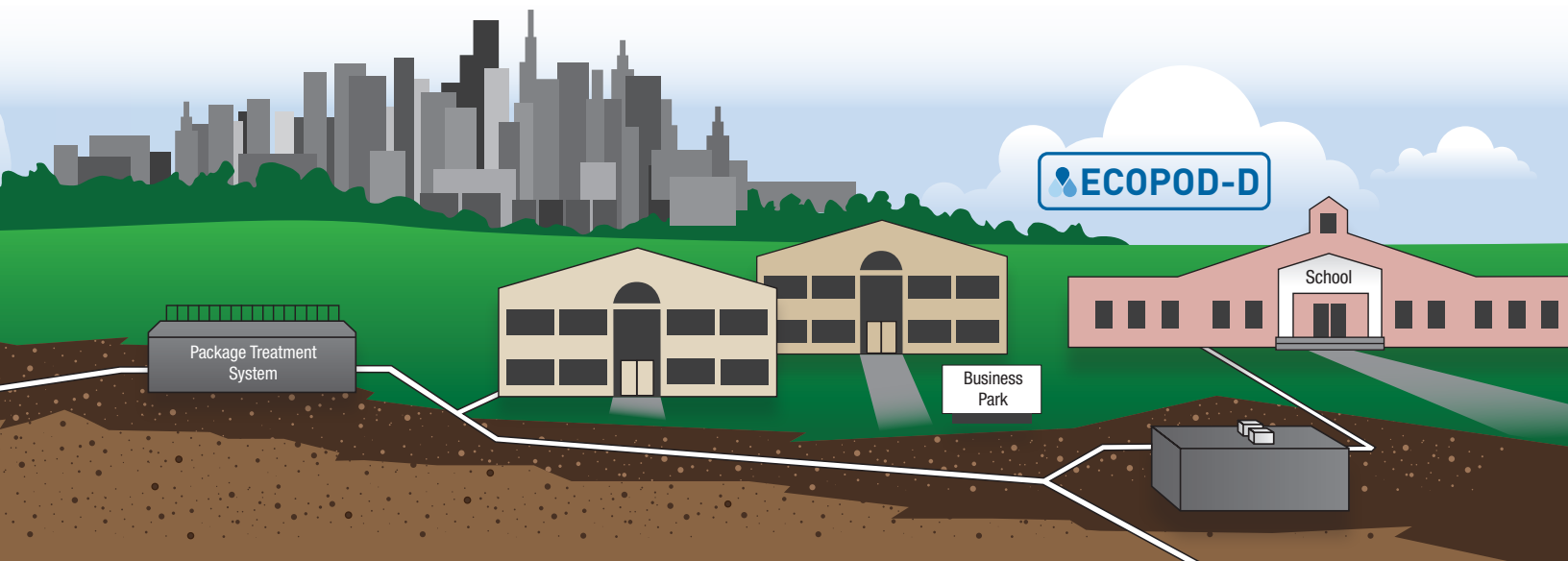
# The Clear Choice

## Why Use ECOPOD® Advanced Wastewater

- Standard system based on NSF/ANSI 40
- Available with technology that is based on NSF/ANSI 245 certification for nitrogen reduction
- Quiet, efficient and effective
- Simple design and self-contained
- Easy to operate
- Minimum sludge production reduces pumpout costs
- No mixed liquor suspended solids –eliminates washouts
- Longer intervals between pumpouts
- Quiet operation –external aerator
- Suitable for intermittent usage
- No Offensive Odors
- Out-of-sight installation
- Remote monitoring system available
- May qualify for LEED points –consult Infiltrator Water Technologies for details



The Future of Onsite Wastewater – Available Today





## Modular Fixed Film Aerobic Wastewater Treatment Units

Ideally suited for small, commercial, decentralized cluster systems.

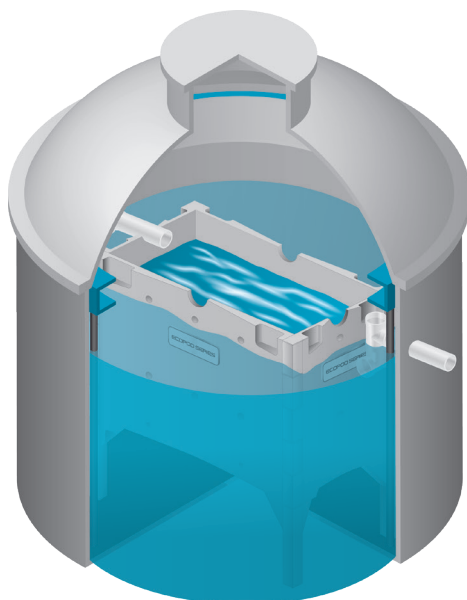
- Up to 10,000 GPD
- Self-contained
- Modular in design
- Effluent quality, 10 BOD, 10 TSS, TN reduction greater than 50%

### Available options:

- Custom controls
- Disinfection
- Remote monitoring
- Other options available upon request

### Case Study:

The Bayou Talla church in Louisiana needed to expand its day care facility, eliminating its existing drain field in the process. With limited property available, Infiltrator designed a system that included spray disposal. Infiltrator's ability to design and provide the complete system allowed the church to expand on its limited property while eliminating the requirement for a discharge permit.



ECOPOD-C treatment tank installation



## Fixed Film Aerobic Wastewater Treatment Units

Designed for decentralized cluster systems, schools, apartments, shopping centers, etc.

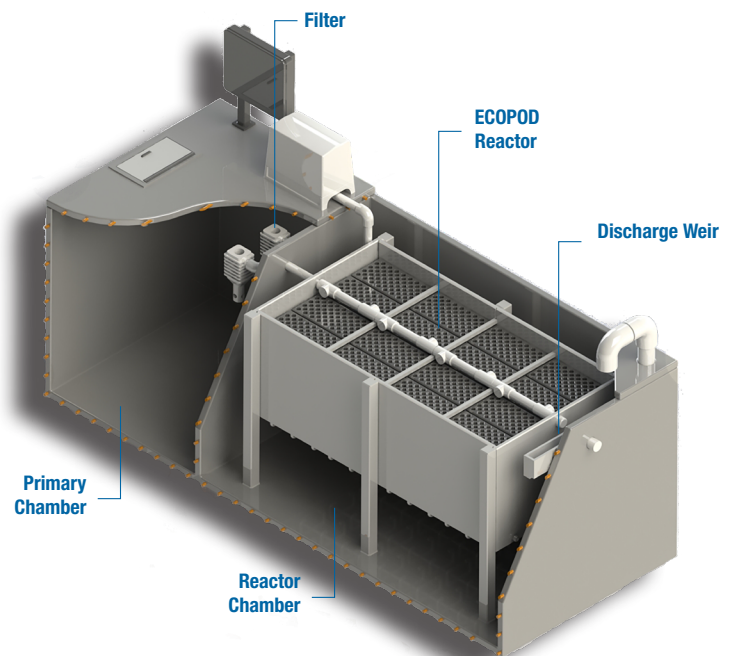
- Up to 250,000 GPD
- Steel fabricated package or custom design for customer furnished tank (any kind)
- Can be FEMA rated for hurricane protection (FEMA 361)
- Effluent quality, 10 BOD, 10 TSS, TN reduction greater than 50%

### Available options:

- Custom controls
- Disinfection
- Remote monitoring

### Case Study:

Stingray's Restaurant, a popular eatery on the eastern shore of Virginia, had a serious drainfield failure. An upgrade to Infiltrator's ECOPOD-D treated the restaurant's high strength wastewater so well that the existing drainfield was reused, avoiding a very costly replacement.



# Packaged Wastewater Treatment Plant EA Series

## Extended Aeration, Activated Sludge Wastewater Treatment Plants

Prepackaged units are designed for decentralized cluster systems, schools, apartments, shopping centers, etc. Quick delivery and installation.

- Up to 250,000 GPD
- Steel fabricated package
- Air blower unit and electrical control console
- Service walkway/grating for operator access
- Secondary clarification
- Effluent quality to 10 BOD and 10 TSS or better

## Optional Features

- Rapid tertiary sand filter
- Chlorination
- Dechlorination
- Ultraviolet disinfection
- Phosphorus removal
- Flow equalization
- Chemical addition
- Anoxic chamber
- Special controls
- Mixer



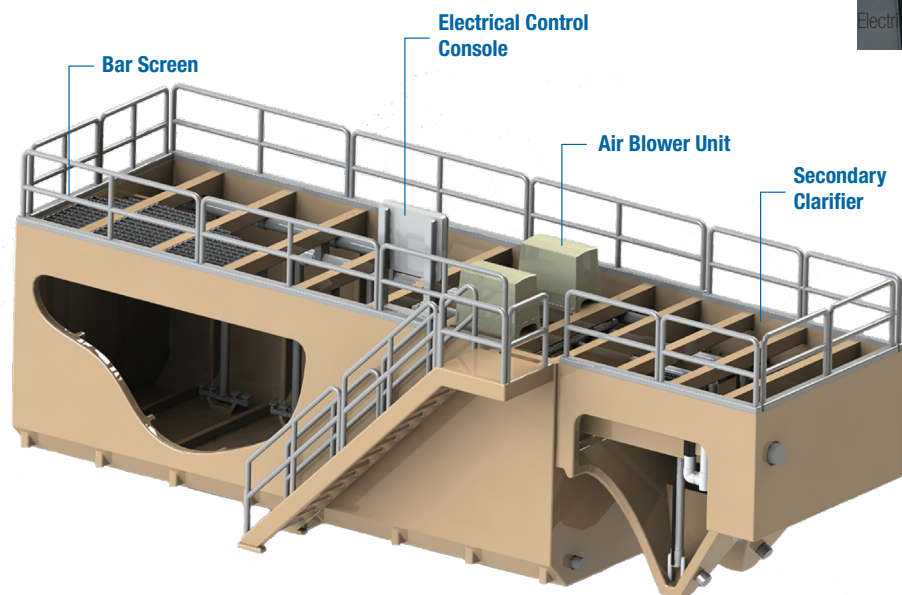
Comes preassembled and ready to hook up



Service walkway for easy attendant access



Electrical control console and flow proportioning chamber



# Packaged Wastewater Treatment Plant Series

## Case Study:

A retail shopping center in Galliano, Louisiana is one of the busiest in the country. Their existing wastewater plant was inadequate to handle the store's wastewater. Infiltrator's ability to engineer and fully customize the wastewater treatment plant incorporating many unique features allowed the customer to meet the stringent requirements of their discharge permit.

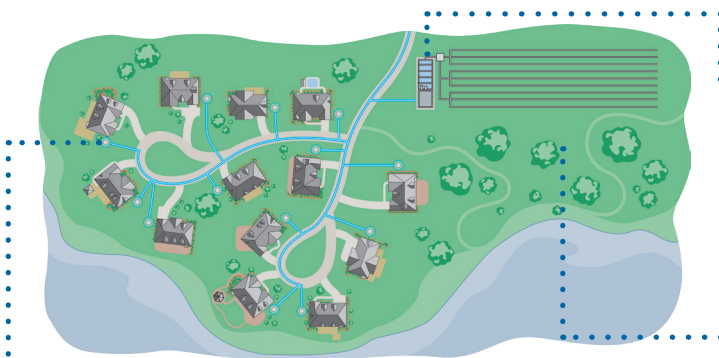


## Case Study:

The East Harrison County High School project was one of three central high schools built on the Mississippi gulf coast after Hurricane Katrina. These schools had to be FEMA rated 361 since they were to be used in future emergency situations. Using an ECOPOD-C system and a pre-engineered drip disposal system, Infiltrator Treatment.



# Complete Wastewater Systems



## Collection

### STEP or Septic Tank Effluent Pump

Infiltrator developed the ECOFILTER in response to environmental concerns and the growing number of S.T.E.P. Collection wastewater systems. S.T.E.P. Collection systems transport effluent from individual septic tanks through a piping system to either a dispersal or wastewater treatment system. The ECOFILTER by Infiltrator has been designed to allow easy access through a 24" opening for service and maintenance. This design gives the service provider the ability to pull and clean the filters without the time-consuming removal of the pump. In addition to saving time and money, the unit has an innovative float system that is easy to remove with a positive locking mechanism. Our engineered system includes the pump filter vault, the high-head turbine submersible pump, and float controls. We will design a system to fit your needs and the special requirements of your project.

## Treatment

- Residential systems
- Commercial systems



## Disposal

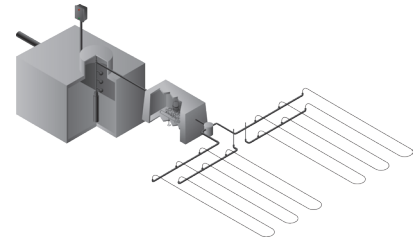
### Drip Disposal Systems

- Commercial light – Up to 10,000 GPD
- Commercial – Up to 100,000 GPD
- Pre-engineered packages are available



## Other disposal options:

- Spray
- Drainfield



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