

# **GEOFLOW**

## **SUBSURFACE DRIP**



**REUSE & REDUCE**

# GEOFLOW

## WORLD LEADERS

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### Balance

Geoflow disperses wastewater as mother nature intended.

One-half inch WASTEFLOW® dripline with factory installed emitters spaced one to two feet along the tubing, is usually installed six to ten inches below the soil surface. Wastewater is pumped to the drip field on a time activated dose cycle. The slow even application of effluent with resting periods, is key to the drip systems success.

### Reuse and Reduce

Soil is nature's filter, where onsite "waste" water it is absorbed, cleaned and polished before reaching our aquifers, streams, rivers, lakes and oceans.

WASTEFLOW dripline carries water directly to the root zone where it is easily taken up by the plants. Be it commercial tree plantations or single family lawns, subsurface drip with secondary treated water has been used since the early 1990's, and is proven to be a viable and more economic alternative to tertiary treated water.

Dispersing effluent slowly into shallow soils at regular time dosed intervals throughout the day allows for oxygen transfer and promotes alternating aerobic and anoxic conditions which in turn encourages nitrification and denitrification.

In 2010 U.S.EPA Guidance for Federal Land Management in the Chesapeake Bay Watershed recognized that time-dosed, pressurized drip dispersal in the top 12 inches of soil has been credited with 50 percent reduction.

### Applications

- Municipal
- Industrial
- Commercial
- Agricultural
- Residential
- Golf Courses
- Median Strips
- Steep Slopes
- Freezing Climates
- Forested Lots
- High Water Tables
- Clay Soils, Rocky Soils
- Irregular shaped areas
- Limited setbacks



# INNOVATIVE PRODUCTS

## WASTEFLOW PC<sub>SD</sub>

### Built to last

Ideal for undulating terrain where vacuum relief is tricky, new **slow drain** drippers help to relieve soil ingestion into the drip emitters by reducing vacuum. Allowing water to escape over time, slow drain can be used year round, even in freezing climates.

**Geoshield** in the drip emitters and inside the walls of WASTEFLOW dripline protects against slime build-up.

**nano-ROOTGUARD** is guaranteed to keep roots from entering the drip emitters.



Spacing:  
12" & 24"  
Flow Rates:  
1 & ½ gph

## BIODISC FILTERS

### Stays cleaner longer



Always found between the pump and the dripfield, drip filters help keep the dripline clean. Geoflow now has a new range of BioDisc™ filters and headworks.

**Geoshield** is molded into the discs to stop slime build-up. Available in 1.5" and 2" models, the **large filter** area helps keep them cleaner longer.



Manual flush,  
forward flushing  
and fully automatic  
back-washing mod  
available.

## ONSITE WASTEWATER



## Products

Geoflow carries a full range of subsurface drip products and accessories:

- Dripline
- Control panels
- Filters and fully assembled headworks
- Air vents and air vacuum breakers
- Zone valves
- Check valves
- Flush valves
- Flow meters
- Fittings and adapters



## Support

Geoflow offers training and support every step of the way, from design to installation and maintenance. Articles, videos, Design spreadsheets, product details and Design Guidelines can be found on our home page at [www.geoflow.com](http://www.geoflow.com).



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