

# "PERC-RITE®"

## Onsite Wastewater Drip Dispersal Solutions

INNOVATIVE TECHNOLOGY FOR THE ENVIRONMENTAL AGE

~ Buy American ~



"Perc-Rite®" Drip Systems Protecting the Future of America



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# “Perc-Rite®” ~ Setting the Industry Standard!

## Why Drip Dispersal?

Drip Dispersal is a land application system for dispersal of wastewater effluent in decentralized environments. Drip utilizes time dosed, low volume, equally distributed doses over an entire absorption area while at the same time providing final treatment and recycle back into the environment. Drip provides optimum conditions for groundwater recharge to the receiving environment. It is ideal for any size system: single family homes, schools, churches, state parks, communities, commercial sites, etc. Drip systems are aesthetically pleasing and are installed subsurface utilizing the “out-of-site, out-of-mind” theory. Drip fields lend themselves to passive recreation with year round natural irrigation.

“Time dosed” systems provide for managing rest times between doses, peak flow notification, excess flow alarms and helps prevent soil saturation by maintaining an aerobic environment at the tubing interface. Drip is ideal for shallow installations, which maximizes the standoff to any site restrictions (i.e. rock, seasonal water table, etc.). Sloping sites and/or wooded sites are not a problem. Drip Dispersal is utilized in both warm and cold climates 365 days per year! Drip can reduce storage requirements and may offer a reduced area footprint compared to conventional systems. Drip is a reliable, proven *and* permanent option for *your* wastewater dispersal needs.

## Why “Perc-Rite®” Drip?

The original drip technology! The world-renowned “Perc-Rite™” technology was the first drip dispersal system developed for use in wastewater applications. The “Perc-Rite™” Drip System is a complete wastewater dispersal system utilizing pressure compensating drip tubing, automatic disc filtration, automatic periodic forward field flushing and efficient effluent pumps with totalizing flow meter and state-of-the-art controls plus design standards for long term sustainable onsite wastewater installations.

The pressure compensating drip tubing allows for complete equal distribution of the effluent. Disc filtration provides the necessary protection for the drip emitters prior to the drip field. The disc filters automatically backwash at preset intervals.

The “Perc-Rite™” Drip System also automatically forward flushes the drip tubing on a periodic basis at the generally accepted engineering standard for minimum scouring velocity of 2.0 ft/sec. The “Perc-Rite™” System sets the standard for excellence in drip technology!

## How much “Pretreatment” is required?

Primary settling is all that is required for the “Perc-Rite™” Drip technology. Drip dispersal is dependent on the soils and receiving environment, so specific site restrictions may dictate the quality and extent of any additional pretreatment that is required.

## Why American Manufacturing?

With over 1 billion emitters installed in subsurface wastewater applications, “Perc-Rite™” is the largest *Drip System* name in North America. With American’s in-house control panel fabrication we offer a single source complete “Perc-Rite™” Drip Dispersal System. We have over 100 years combined experience in the wastewater industry. Our technical support is first class and is unmatched. American continues to offer ongoing technical service even after the sale.



**COMMUNITY SYSTEMS**  
*The bigger the better!*  
*The more cost effective!*

All wastewater systems require long-term operation and maintenance, so American Manufacturing provides complete O & M manuals for both owners and installers. All of our drips system models are available with Remote Operation and Monitoring capabilities and long-term call in tech support. We are an engineering-driven company staffed with Professional Engineers, Soil Scientists and designers to keep us a leader on the cutting edge of technology. We strive to provide our customers with proven, durable, and dependable *complete* systems to satisfy even the toughest onsite needs. American “Perc-Rite™” truly is the finest Drip Dispersal System available.