

CLEANING WATER MAINS WITHOUT WASTING WATER



The New Way to Flush Water Mains!

NO-DES INC.

Neutral Output Discharge Elimination System

Municipal Water Main Cleaning, Flushing,
Filtering and Conservation Technology

BMP for Water Loss Prevention Control and
Water REUSE Technology




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LEADING BY EXAMPLE IN WATER CONSERVATION

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THE NO-DES PROCESS

Neutral Output Discharge Elimination System

NO-DES is the only water distribution system flushing method that improves water quality, eliminates NPDES issues, conserves water & energy, and will pay for itself. This will increase customer confidence and establish you as a leader in the industry. The NO-DES method and process for flushing water distribution systems uses proven technology in an entirely new way. In doing so, NO-DES effectively eliminates the wasting of our most valuable and precious resource - water. Additionally, NPDES issues disappear and flushing costs are reduced! Instead of water flowing out of the fire hydrants and running to waste while your customers watch in anger & irritation - the NO-DES unit filters and re-circulates the water inside the water distribution system to allow year- round flushing without wasting precious drinking water.



The Answer to Your Water Distribution System Flushing and Conservation Needs

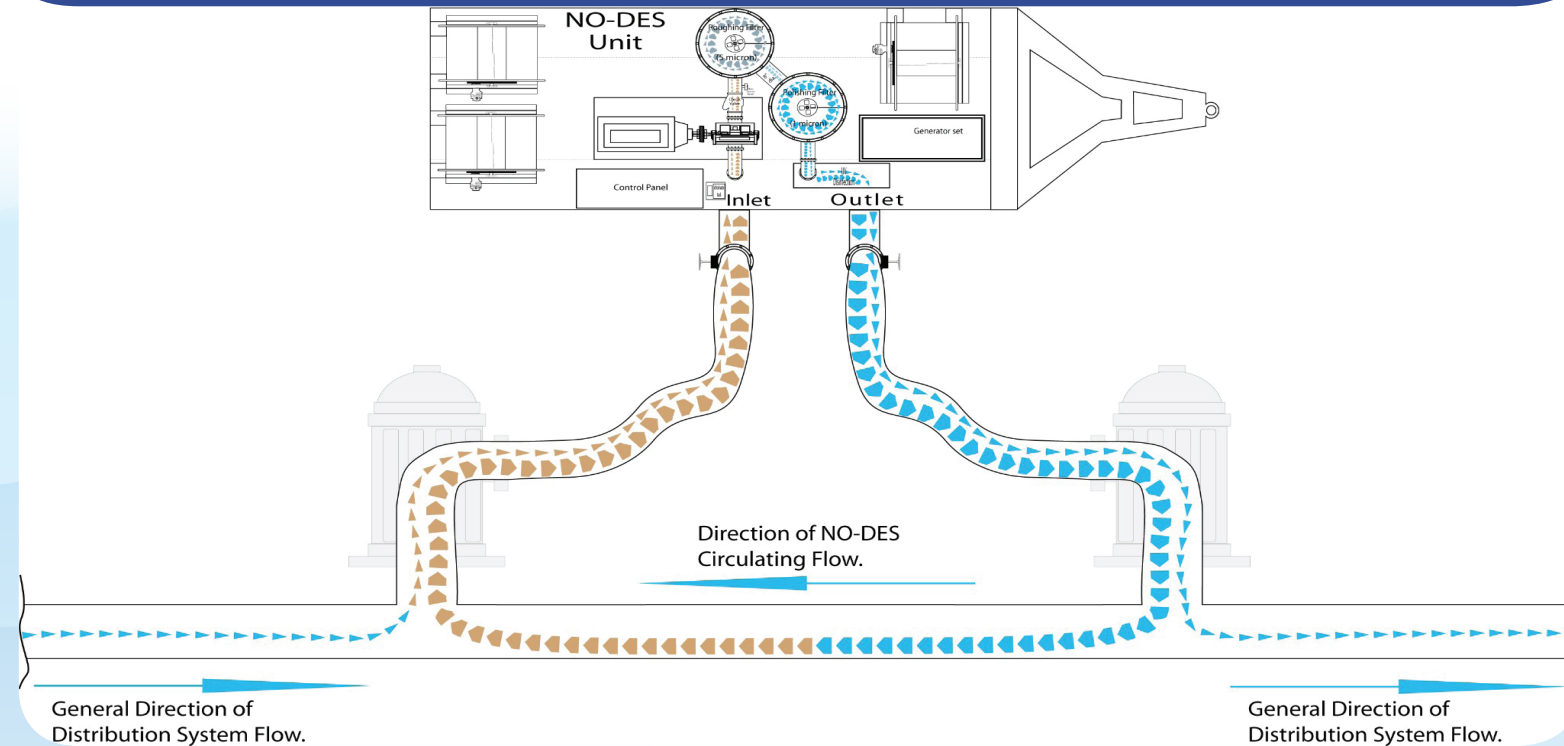
The standard NO-DES unit can operate at up to 1700 gpm, based on the size of the hydrant port, maximum output, length of hose and main being flushed. This makes it possible to flush mains up to 12" at the typically desired 5 ft./sec. velocity and 14" mains at 3 ft./sec. velocity. The NO-DES unit utilizes two filter vessels containing 12 filter bags each, rated at 1 micron absolute. With these 24 filters, the NO-DES patented system allows you to capture and contain biofilm and contaminants. At the end of a NO-DES flush, you are left with water cleaned to below 1 NTU of turbidity and polished water mains. All with virtually no water loss!

Contract Services and Sales are available!

All units are rated at either 200 or 270 psi max and are custom built on either a diesel truck or a goose-neck trailer.

NO-DES technology cleans the inside of your water mains by creating an above-ground loop between two fire hydrants. It then pumps the water through the loop at high velocity, scouring and removing debris and biofilm, and filters the water down to 1 micron absolute, providing improved water quality for your customers.

NOTE: Once the NO-DES equipment is disinfected (like a new main installation) it becomes part of your distribution system. There is no water taken out, then put back in. The distribution system water is circulated between the main and the NO-DES equipment; both are part of your distribution system.



The NO-DES technology can be used for these applications and more, all without wasting water.

- *New Main Disinfection - Plus De-Chlorination (Captor)
- *Tank or Reservoir Cleaning, Inspecting, Maintenance or Draining - With Divers
- *Fire Service Testing (Hospitals, Hotels, Arenas, Schools, Buildings, etc.)
- *Distribution Disinfection - Chlorine & Chloramine Residual Maintenance
- *GAC and Other Filter Vessel Back-Washing - Reducing Hazardous Waste Disposal Costs
- *Fire Main Cleaning
- *Large Meter Calibration Programs
- *Booster/Transfer Pump or Jumper Tool Operations
- *Water Treatment Plant Augmentation
- *Bypassing Burst Main
- *Leak Detection
- *Well Rehab
- *High Pressure Water Jetting
- *Video Maintenance