

Improved Water Management for Slopes

TWO COST-EFFECTIVE SYSTEMS HELP YOU CONTAIN & MANAGE BOTH SURFACE & SUBSURFACE WATER FLOW ON SLOPES!

- Prevent Transferring Water Problems to Roads or Buildings at Bottom of Slope
- Significant Reduction of Installation Time & Labor
- Minimum Equipment Needed
- Time-Tested and Proven Suitable for a Wider Range of Applications
- Installations Remain Effective Indefinitely
- Prevent Erosion
- Stabilize Slopes



eljen
CORPORATION

Innovative Environmental Products and Solutions Since 1970

Employ a Single System or Install Both to Easily Control Water Flow on ANY Slope!

Eljen upgrades water management solutions for slopes!

Two systems, for differing conditions, give you the flexibility to customize each site installation for maximum performance and cost saving.

Rely on Eljen...the company that pioneered the FIRST No-Aggregate drainage system over 30 years ago!



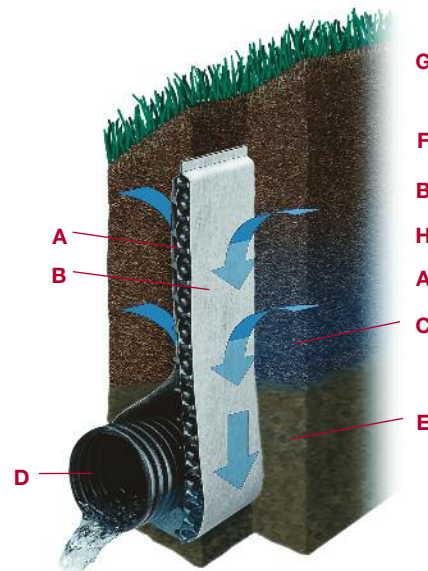
- A Cusped Plastic Core** provides structural integrity & air spaces for water
- B Anti-Siltation Fabric** keeps fine particles out
- C Saturated Subsurface Soil**
- D Perforated Drainage Tubing**
- E Impermeable Soil Layer**
- F Trap Rock** impedes & diverts surface water flow into Reservoir System
- G Surface Water Runoff**
- H Optional Drain Pipe** allows water disposal

FOR SUBSURFACE WATER

When erosion or instability of a slope is caused by subsurface water, an Eljen Prefabricated Drainage System (PDS) will collect and rechannel the flow for disposal.

Features & Benefits

- Cusped core prevents damage to permeable fabric.
- 2-Sided core drains both sides.
- Overlapping fabric flaps leave no gaps.
- Hanging straps for easy installation.
- Use any size perforated, corrugated drainage tubing.
- Conforms to site irregularities.
- Permits easy, on-going inspections for higher quality control.
- Lightweight materials for safer handling and installation.
- Standard panels: 10'L x 4'H x 3/4" W
- Custom panels available.



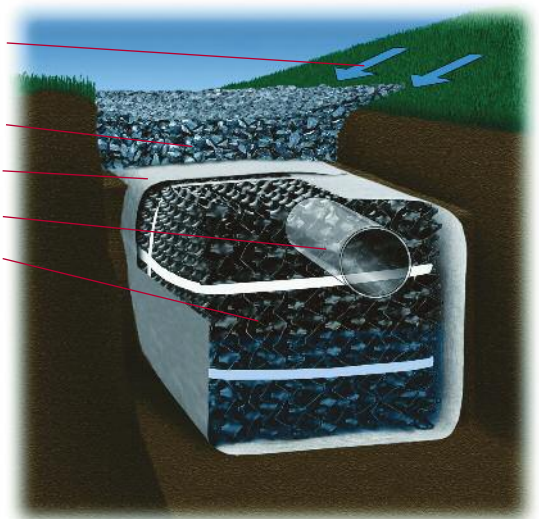
Prefabricated Drainage System effectively controls subsurface water on slopes

FOR SURFACE WATER

If the source of problem water is at the surface (such as rain runoff) a Reservoir System to hold the water until it can be absorbed by the soil may be the perfect solution. Or add a drainage pipe to the end unit to rechannel the excess water. Small, lightweight pre-constructed units let you build the precise configuration required at any site...in a fraction of the time and effort needed for conventional stone systems.

Features & Benefits

- 90% Void space for maximum storage capacity & runoff control.
- Limited site space required.
- Lightweight materials for safer handling and installation.
- Overlapping fabric flaps leave no gaps.
- Minimum installation equipment and personnel required.



Reservoir System controls surface water on slopes



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