



## Jet Filter System L.L.C.

Geocomposite Wick Drainage System  
Geotextile Filtration and Erosion Control

Call for more information: 800-475-2029

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

### Erosion Control & Filtration

#### Maintainable Weep Hole Component

Earth retaining structures are failing daily in all parts of the world due to the lack of proper erosion control.

The **JET FILTER** prevents wall failure/movement by relieving water pressure and allowing drainage while saving time & money on extensive repairs.

The purpose of the weep holes is to relieve the hydrostatic water pressure that inevitably will be behind the wall. These weep holes should also be maintained periodically to insure that they do not become clogged.

Panel seams which have opened up or toe failure of the wall can be an indicator of unrelieved pressure due to clogged or insufficient weep holes.

The media equipped in the **JET Filter System** is the highly rated Mirafi® Filter-weave FW 300 series. This media maintains long-term flow rates in high gradient and dynamic conditions.

With its removable inner cartridge, the filter can be changed and cleaned if needed, from the front side of the earth retaining structure without dredging from behind to replace the erosion control fabric.



#### Weep Hole Component For:



#### Available in 3 Diameters

4" & 6" Dia.



ASTM Steel



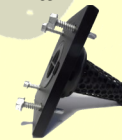
316 Stainless Steel

Bridge Abutments  
& Slope Protection

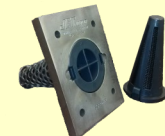
Steel Sheet Piling

- Filter Cartridge: ABS
- Filter Media: Mirafi® FW300
- Powder Coated Black or 316 Stainless Steel
- Used for: Bridge Abutments & Retaining Walls

2 1/2" Dia.



ASTM Steel



316 Stainless Steel

Vinyl Sheet Piling

Composite &  
Aluminum Sheet  
Piling

2 1/2" Dia.



ABS

Concrete Seawalls

- ABS U/V Protected
- Filter Media: Mirafi® FW300
- Available in Slate, Gray, Brown and Clay
- Used for: Vinyl Sheet Piling etc.

US PAT#7,615,148

## Engineering Solutions

The JET FILTER relieves the hydrostatic pressures created by rain water as well as tidal surges trapped behind erosion control structures such as:

Seawalls (Concrete)  
Bulkheads (Wood)  
MSE Retaining Walls (Block Systems)  
Sheet Piling (Steel, Vinyl, Composite, Aluminum)  
Bridge Abutments (Concrete, Wing Walls, Slope Protection)  
Flood Control Channels

Managed weep hole system that is vital to the marine and bridge infrastructure today.

The innovation of a removable filter cartridge is the key component of the JET Filter design.

Failure to provide weep hole relief could result in devastation ~ wall failure

## JET Filter System LLC

Post Office Box 31  
Casey, Illinois 62420  
United States  
800-475-2029  
[www.jetfiltersystem.com](http://www.jetfiltersystem.com)

## JET FILTER SYSTEM LLC

**Geocomposite Wick Dewatering System**  
**Geotextile Filtration and Erosion Control**

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