



# TRASH REMOVAL SOLUTIONS

— FOR —

**Stormwater,  
Urban Runoff and  
Combined Sewer Overflow  
(CSO) Discharges**

**TrashTrap®**  
NETTING SYSTEMS

FreshCreek® is committed to improving water quality and offers the industry's best solutions for removing pollutants from stormwater before they are discharged into rivers, lakes and oceans. FreshCreek's trash removal solution, TrashTrap, combines the natural energy of the water's flow with disposable mesh nets to capture and easily remove trash, floatables and solids from water.

## ADVANTAGES

### Proven Performance

- More than 20 years of experience in manufacturing, installing and maintaining netting systems
- 97% removal efficiencies recorded by U.S. EPA-sponsored projects
- Certified by LARWQCB (Los Angeles Regional Water Quality Control Board) for full capture with 5-mm nets



### Trusted Technology

- Three-dimensional netting technology removes floatables, trash, and debris while providing a larger surface area than traditional two-dimensional screens
- Nets can accommodate a larger volume of material and do not need mechanical mechanisms to remove blockages, therefore decreasing maintenance frequency

### Environmental Solution

- Trash and debris are contained and drained dry, reducing further decay and leaching into water
- Efficient, cost-effective trash removal solution for TMDL and municipal requirements
- Quantifiable measurement of debris easily attained for environmental permit requirements

### Easy Maintenance

- Accessible for inspection and maintenance
- No confined space entry is required, as net change-out is done at the surface
- Scales can be attached to lifting equipment to weigh nets
- Long service life, with cost-effective maintenance
- Remote monitoring available through Telnet

### Efficient Design

- Engineered to meet site-specific requirements, can accommodate any flow
- Utilizes the passive energy of the water's flow to drive pollutants into nets, no electricity needed
- Hydraulic relief prevents flooding while containing trash and debris, even when the event exceeds the design flow
- Negligible headloss, as system does not rely on head pressure to function
- Modules can be easily retrofit into almost any stormwater system

### Quick Installation

- Prefabricated, modular system enables quick installations
- Low capital and installation costs
- On-site supervision available on each project

## COMPLETE SERVICE



### Design

- Preliminary budget and design with complete set of drawings



### Installation

- Pre-construction meeting and start-up training
- On-site supervision available during installation



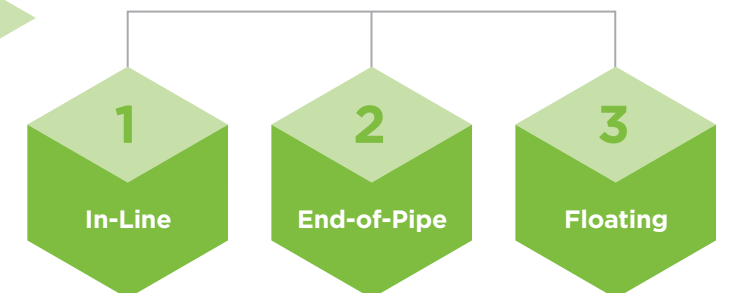
### Net Maintenance

FreshCreek can also provide annual maintenance contracts for routine net change-out and disposal

FreshCreek also offers remote monitoring of nets through Telnet—solar powered telemetry systems remotely monitor capacity of nets



### TrashTrap's Three Standard Configurations



Systems can be customized to meet site-specific requirements

## TrashTrap's Three Standard Configurations



### In-Line Module

This structure is completely hidden from view, installed underground and upstream of the outfall.

- Components installed in a high strength precast concrete chamber
- Servicing is easy due to ground-level access
- Installed in very tight locations and can be easily retrofit into almost any stormwater system

### End-of-Pipe Module

Utilized where the end of the collection system enters the water course.

- Easily retrofit to existing outfall structure
- Robust design can handle very large storm events

### Floating Module

This configuration performs like the End-of-Pipe Module, but it floats in the water course.

- Pontoon structure floats constantly at water level
- Funnel and side curtains direct trash into nylon nets
- Systems can accommodate high storm events
- Prefabricated structure for fast installation

## CONTACT US

Call us today to request your preliminary TrashTrap design and budget.



**FreshCreek®**

PHONE 800 741 9486  
FAX 973 237 0744

WEB [www.freshcreek.com](http://www.freshcreek.com)  
EMAIL [fresh@freshcreek.com](mailto:fresh@freshcreek.com)