



StormTrap®

MODULAR CONCRETE
STORMWATER MANAGEMENT



TRASH REMOVAL SOLUTIONS

— FOR —

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

TrashTrap™

StormTrap® is committed to improving water quality and offers innovative solutions for removing pollutants from stormwater before they are discharged into rivers, lakes and oceans. StormTrap'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 product 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 large volume of material (standard sizes - 25-50cf/ net)
- Nets 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, proven 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
- Maintenance contract services are available through StormTrap
- Remote monitoring available through StormTrap's Telnet technology

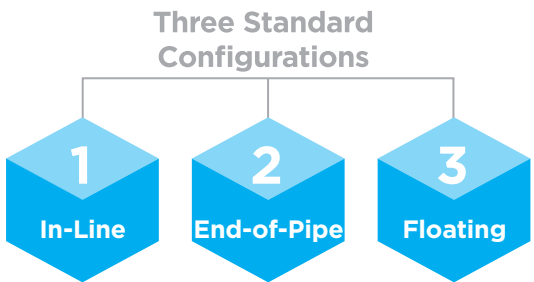
Efficient Design

- Modules can be easily retrofit into almost any stormwater system
- Engineered to meet site-specific requirements, can accommodate any flow and retrofit into almost any stormwater system
- Variety of net sizes (5mm-1") and configurations
- Utilizes the 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

Quick Installation

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

MODULES



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
- Can be easily retrofit into almost any stormwater system
- Modular design can accommodate a wide range of flows

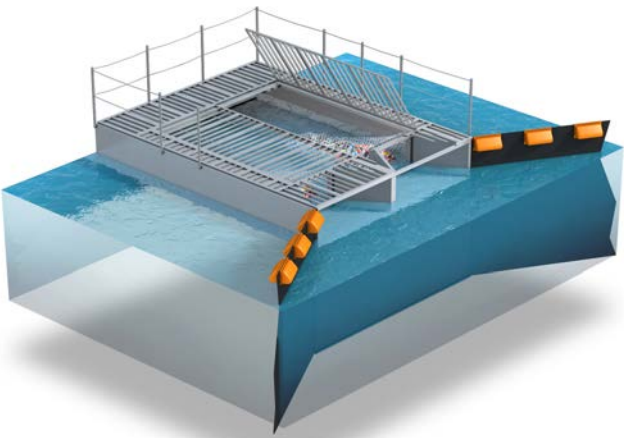


Floating Module

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

- Pontoon structure floats constantly at water level

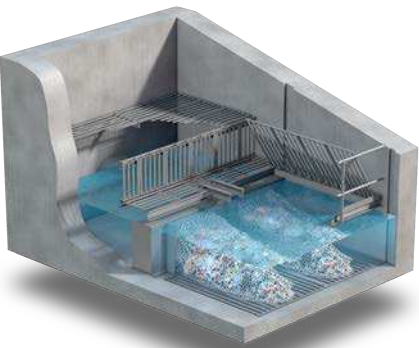
- Funnel and side curtains direct trash into nylon nets
- Systems can accommodate high storm events
- Prefabricated structure for fast installation



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
- Nets are not attached to outfall pipes which prevents blockages due to flooding



Systems are customized to meet site-specific requirements.

COMPLETE SERVICE



Continuing Education

Learn what StormTrap's innovative stormwater solutions can do for your next project while earning PDH credits



Design

Our experienced stormwater professionals will create a customized design and budget with complete set of drawings for your next project



Specifications

Download our product guide specifications to easily integrate StormTrap's products into your plans



Installation

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



Maintenance

StormTrap offers replacement net assemblies as well as maintenance contracts to conduct routine net change-out and disposal for optimal product function. Coupling annual maintenance with Telnet technology – solar powered systems that remotely monitor net capacity – ensures efficient, worry-free protection of water quality products

