



The Storm-Klear Gel-Floc Blue reduces turbidity, phosphorus, oil, and metals in storm water on construction, industrial, and residential sites.

For use in:

- drain pipes
- pump discharges
- catch basins

in conjunction with:

- biofiltration
- pond recirculation
- infiltration
- sand filtration

Simply clean water

Storm-Klear Gel-Floc™

Clean construction site storm water fast

Effective storm water management on construction projects involves purifying sediment-contaminated water before discharging it into natural waterways. The Gel-Floc reduces turbidity, phosphorous, and metals in storm water. Easy to use, 100% PAM-free, it is biodegradable, fish safe and cost effective.



These two samples were identical until sample right was treated with Storm-Klear Gel-Floc.

Controlled Dosing System

The Gel-Floc is a controlled dosing system. Basically, this means there are no heavy barrels of liquid chemicals to handle, and no electricity or metering pumps required. Here's how it works:

Chitosan is a natural biopolymer derived from crab and shrimp shells. In turbid water, it causes coagulation of sediment particles which then allows for gravity settling, biofiltration, sand filtration, or cartridge filtration.

The Gel-Floc is a fabric sock containing a gel form of chitosan which dissolves slowly in moving water —essentially, the storm water passes over the unit, dosing the water continuously 24/7. One Gel-Floc Blue unit can treat up to 500,000 gallons of storm water.

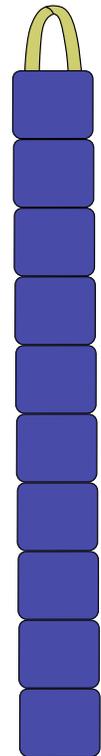
Best Uses of the Gel-Floc

Biofiltration. If there is adequate vegetation on or near the construction site, biofiltration in conjunction with the Gel-Floc is an excellent solution.

Pond Recirculation. Between storm events, smaller detention basins and sediment ponds can be treated by simply recirculating turbid water with the Gel-Floc unit in line.

Settling Tank. Smaller sites that manage only limited amounts of water on a periodic basis can use the Gel-Floc in conjunction with a settling tank.

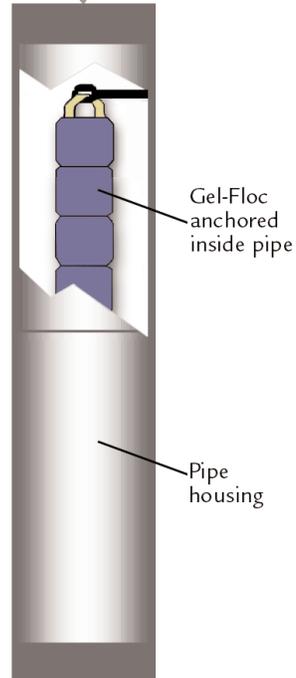
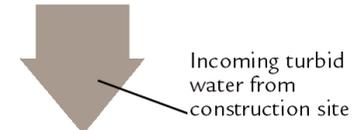
Sand Filter. When biofiltration is not possible, large sites that need to manage large amounts of water with subsequent direct discharge to surface water can use the Gel-Floc in conjunction with sand filtration.



Gel-Floc Blue treats up to 500,000 gallons of storm water

The Storm Water Treatment Process

1. Storm water is pumped past the Gel-Floc to coagulate sediment.

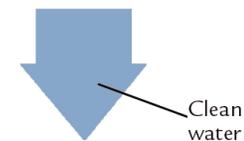


2. The coagulated particles are removed (by various methods).



**Biofiltration,
Sand Filtration, or
Gravity Settling**

3. Clean water is discharged.



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About Natural Site Solutions

Natural Site Solutions is the exclusive distributor of Storm-Klear natural and biodegradable chitosan products for storm water treatment by Vanson, Incorporated. In addition to technical support and training for all Storm-Klear products, Natural Site Solutions also provides project-specific consulting services.

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