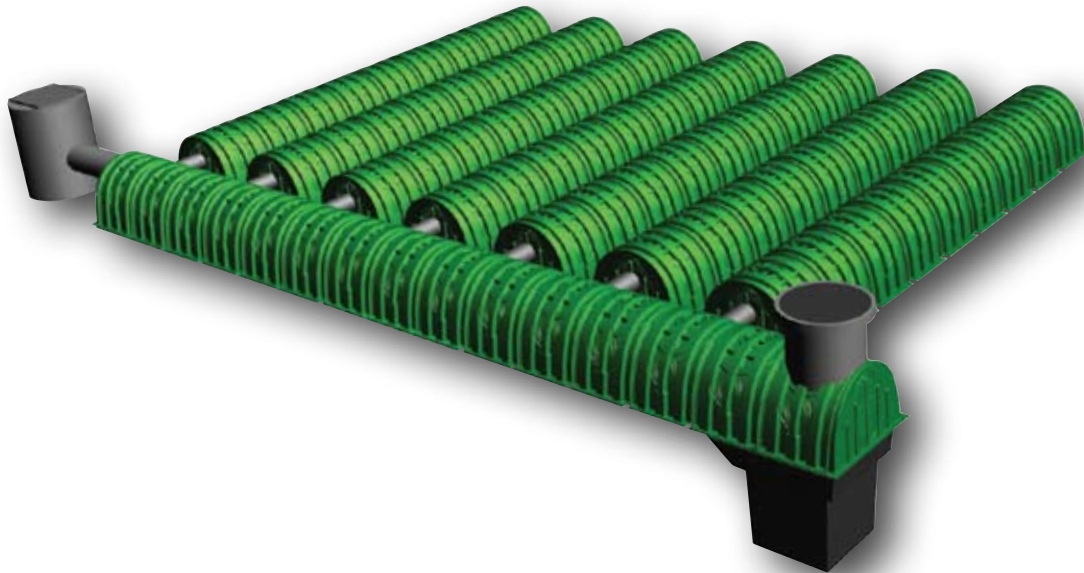




## Triton, the **Comprehensive, Low-Maintenance** Underground Stormwater Solution



Stormwater management is one of the greatest challenges facing site developers and municipal governments. Properly containing sediments, contaminants and surface runoff is essential to meeting environmental regulations and creating world-class projects.

Now, with Triton Stormwater Solutions, developers have the tools they need to meet these demands with an easy-to-use underground system that saves time and money.

The Triton system combines eco-friendly materials with an ultra-durable yet lightweight design that is easy to install and maintain. It also saves on space, since the Triton chambers can be used in a two-tier, stacked configuration in many applications.

### **Triton: Header Row and Shoulders Above the Competition**

Innovative design is a hallmark of the Triton system, and nowhere is this more evident than in our unique Main Header Row. Comprised of several Triton chambers that sit on interconnecting sediment floor sections, the Main Header Row helps the system adapt to a host of site requirements, while allowing easy access for inspection and maintenance. It is an ideal means of inexpensively enhancing Total Suspended Solids removal.

In applications where pre-treatment of stormwater is needed, the Main Header Row can be utilized as part of a treatment train. By treating stormwater prior to entry into the Main Header Row system, service life can be extended and pollutants, such as hydrocarbons, can be captured. Pre-treatment best management practices can be as simple as deep sump catch basins and oil-water separators, or as extensive as stormwater treatment devices. With Triton, project managers have full flexibility to meet virtually any pre-treatment scenario.





## Simple to Install

Because the Triton chambers are made of lightweight soy-based resins, they are easy to handle and set into place. The interlocking design allows for quick connection of chambers to create the needed row lengths.

The strength of the chambers allows for quicker backfill rates and shallower depth requirements than competitive products. In fact, the Triton chambers compare more closely to traditional pipe products – but at a fraction of the weight.

## Simple to Maintain

The Triton system is designed to simplify routine maintenance. Manholes in the sump basin and on the Main Header Row itself give maintenance personnel simple access points to inspect the system and maintain it if necessary.

The need for maintenance is reduced by the innovative distribution dynamics of the Main Header Row. Outlet feeder pipes to the distribution rows are angled downward from the upper portion of the Main Header Row chambers, ensuring that the bulk of sediment has settled before stormwater is moved to the distribution rows, preventing buildup in the distribution rows and preserving the infiltration rate.

On most projects, the Main Header Row is designed to capture the “first flush” and offers the versatility to be sized on a volume or flow rate basis to facilitate this use. An upstream manhole not only provides access but typically includes a high-flow outlet that controls excessive stormwater volume by discharging overflow onto surrounding stone or through a manifold to other Main Header Row chambers.

The sediment floors are designed to prevent scouring of the underlying stone and to stop sediment infiltration into the ground under the Main Header Row. The sediment floors lock together and mate with the chambers to remain engaged during high-flow events and high-pressure cleaning.

Because the sediment is captured predominantly in the Main Header Row, routine cleaning can generally be confined to this single row of chambers – eliminating the costly cleaning of the distribution rows. Cleaning, when needed\*, is done with a standard vacuum truck.

\* The Main Header Row should be inspected at least every six months during the first year of operation, and at least annually going forward. Some climates, soil types and land uses dictate more frequent inspection.

When your project calls for a world-class stormwater management solution, rely on Triton – the next generation of underground stormwater management. Triton gives you Power Over Water.

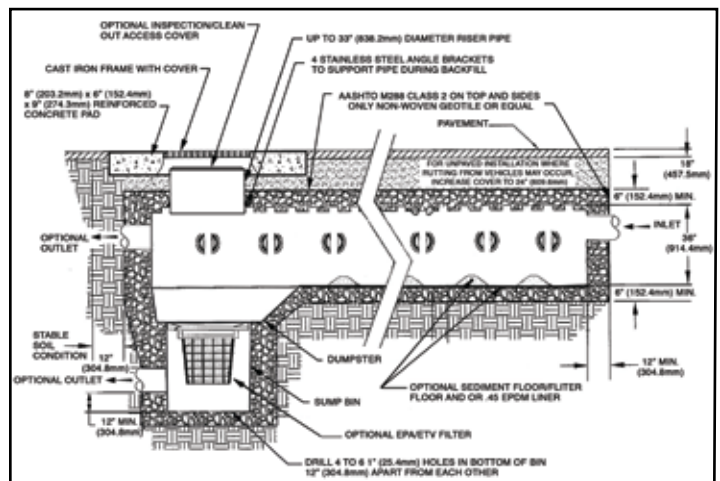


Illustration of Main Header Row Section

Triton Stormwater Solutions is the proven, comprehensive solution to stormwater management challenges. On your next project, turn to Triton Stormwater Solutions, the stronger, lighter, larger, greener, easier-to-install, cost-effective stormwater solution. Triton gives you Power Over Water.



9864 E. Grand River • Suite 110, #176  
Brighton, Michigan 48116  
Phone: 810-222-7652 • www.tritonsws.com

**Power**  
over **Water**™