

Trash & Debris Guard Technical Specifications

General Description

The Trash & Debris Guard is intended as a pre-treatment and/or stand alone filtration device designed to reduce trash, sediment and debris from entering curbside storm drains. The T&DG effectively compliments street sweeping programs; retaining trash and debris for collection during regularly scheduled maintenance. Incorporation with other BMP treatments such as catch basin inserts or end-of-pipe vaults will also significantly increase contaminant removal efficiencies while reducing maintenance requirements and associated costs.

The T&DG is designed to act as a reactive barrier which, unlike static bars installed across the mouth of an inlet, will flex to permit passage of captured debris during peak rain events in order to prevent potential flooding.

Constructed of the same bristles utilized by commercial street sweeping equipment, this low cost, easily installed solution, requires no moving parts or hinge points and is easily adaptable to either retrofit or new applications.

Key Benefits

- Minimal flow restrictions at curbside – approximately 10%
- Captures trash and debris over 5 mm (1/4 inch)
- Functional up to a one-year one-hour storm intensity
- Prevents flooding during peak rain events
- Dramatically reduces inlet maintenance
- Increases efficiency of other BMP treatments utilized in conjunction
- Ideal for curb openings applications
- Has no moving parts or hinge points

Product Specifications

- Constructed of polypropylene
- Uses stainless steel mounting bracket with fiberglass frame

Installation & Maintenance

- Requires no maintenance
- Full one year Manufacturer's warranty
- Available in various sizes and colors



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