

# AQUA-FILTER™

## STORMWATER FILTRATION SYSTEM



- 1** Fine sediment, nutrients, oils, and grease enter the storm drain
- 2** Vortex separation removes gross pollutants prior to water entering the filtration chamber
- 3** The Aqua-Filter™ is constructed of high performance materials and can be installed easily without heavy machinery
- 4** Filter media removes fine sediment, nutrients and oils to achieve a higher water quality
- 5** Independent validation for advanced treatment before discharging into sensitive waters

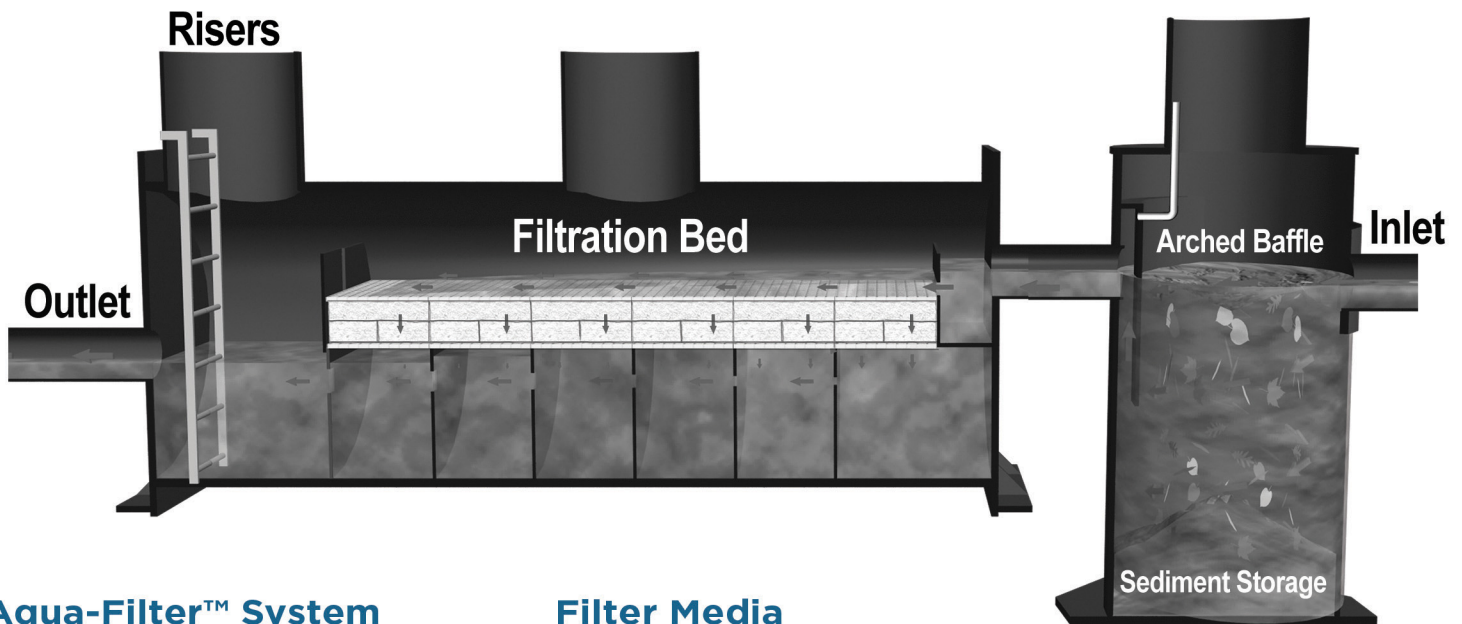
INNOVATING GOOD CLEAN WATER

## Installation Benefits

- Installs easily without the use of a crane, resulting in measurable project cost savings
- H<sub>2</sub>O loading capabilities:
  - Inlet/outlet stub-out connections
  - Lightweight and durable construction
  - Lifting supports & cables provided

## Inspection & Maintenance

- AquaShield™ offers an extensive maintenance program that will keep the system at peak performance
- Download manuals from the on-line system catalog



## Aqua-Filter™ System

- Provides a treatment train solution tailored to site-specific needs
- Systems designed to specific water quality filtration flows
- Extensive full scale laboratory and field testing independent third parties
- On-line project and system design tool at <http://pda.aquashieldinc.com>

## Filter Media

- Filter chamber removes contaminants and improves water quality
- Filtration media captures stormwater pollutants through interstitial pores
- Wide range of filtration media available

## Swirl Concentrator

- Utilizes hydrodynamic and gravitational forces to remove gross pollutants prior to filtration
- Sediment storage up to 310 ft<sup>3</sup>
- Oil and debris storage up to 1,986 gallons