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
- H2O 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 ft³
- Oil and debris storage up to 1,986 gallons