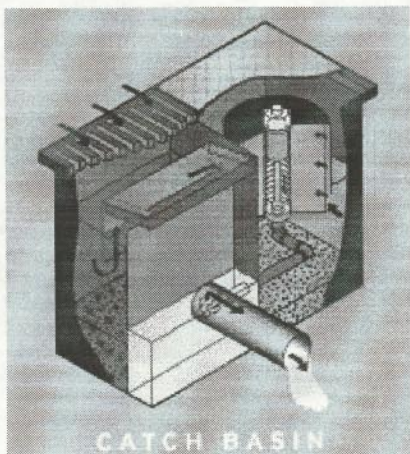


CATCH BASIN



Click on image for larger view.

The StormFilter® is now available in a catch basin configuration. The Catch Basin StormFilter system has been engineered to replace the standard catch basin. In the Catch Basin StormFilter, polluted runoff enters through a traffic-bearing grate in to the primary settling chamber where heavier solids drop to a sump. Lighter solids and dissolved pollutants are then directed under a baffle into the cartridge chamber where the StormFilter cartridge is housed. During filtration, lighter solids and soluble pollutants are removed and clean water is discharged from the filter into the outlet. During extremely heavy storms, water in the primary settling chamber overflows the bypass weir, preventing the re-suspension of sediments and pollutants trapped in the cartridge chamber.

System Features and Benefits

- Proven StormFilter technology targets site-specific pollutants
- Low cost, heavy gauge, all steel construction
- Internal bypass that minimizes re-suspension of trapped pollutants
- Simple, low cost installation
- Easy maintenance
- Operation & Maintenance guidelines available from SMI

General Specifications

- StormFilter capacity 15 gpm/cartridge (up to 4 cartridges)
- Peak hydraulic capacity 1.0 CFS
- Hydraulic drop (Rim to Invert) 26.75"
- Outlet pipe diameter up to 8"
- Load-bearing capacity 14,000 lbs (H-20 optional)

For higher flows or heavier loads, contact the engineers at SMI.



STORMWATER
 MANAGEMENT