

StormBasin Rectangle

The Fabco StormBasin is designed to capture and retain stormwater catch basin pollutants namely: Sediment, trash, vegetation, nutrients, coliform bacteria, oil/grease and dissolved metals.

The large sediment and debris catch basin provides ample storage volume for solids carried in stormwater flows – over 8 cubic ft in the 30” x 48” size. The catch basin’s design features a “hooded” bypass to reduce the potential for flooding during peak storm events while still retaining sediment and debris. The StormBasin also keeps the captured material dry, simplifying maintenance and reducing disposal costs.

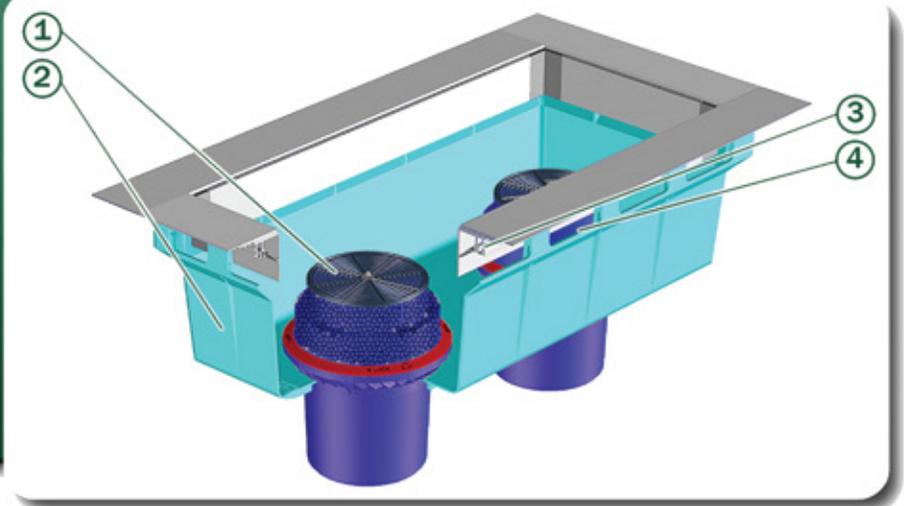


After installation the StormBasin requires periodic cleaning. There are no hard and fast rules in this regard. Small units and installation sites with higher than expected sediment loads or areas with significant trees and foliage require more maintenance. In general, Fabco Industries recommends cleaning out the unit(s) a minimum twice per year by removing the debris, sand and silt.

Application	Regulatory Issue	Target Pollutants
Municipal Storm Drain Retrofits	MS4 Permit	Sediment, Trash, O&G, Nutrients
Fuel/Oil Storage and Handling Facilities	EPA SPCC (Spill Control Rule)	Hydrocarbons, Oily Sediments
Scrap Metal, Solid Waste, Power Plants	Industrial Multi-Sector General Permit	Solids, Hydrocarbons, Metals
Pre-Treatment BMP for New Development	Municipal Stormwater Permit	Sediment, O&G, Nutrients
Retail, Garden Centers	Phosphorus, Nitrogen, Pesticides	Fertilizers, Pesticides

Features/Benefits

1. Easily replaceable lightweight filter cartridges customized for targeted pollutants
2. Durable, UV safe co-polymer basin with aluminum mounting flange – has a 15 year service life
3. Patented dovetailed flange allows for 5” of length/width adjustment during installation
4. Baffled bypass traps floatables



StormBasin Round

The Round StormBasin is a filtration BMP that employs Fabco’s proprietary filtration cartridges to remove fine particulate, hydrocarbons, heavy metals, organics and bacteria. The insert combines a gross pollutant trap with filtration technology for effective solid and dissolved pollutant capture. The sealed, nonserviceable filter cartridges contain various media to target specific pollutants of concern and are typically replaced bi-annually.

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Municipal storm drain retrofits	MS4 Permits	Sediment, trash, O&G, nutrients
Fuel/oil storage and handling facilities	EPA SPCC (Spill Control Rule)	Hydrocarbons, oily sediments
Scrap metal/solid waste/power plants/etc	Industrial Multi-Sector General Permit	Solids, hydrocarbons, metals
Pre-treatment BMP for new development	Municipal Stormwater Permits	Sediment, O&G, nutrients
Coastal/lake beaches, WWTPs	Bacteria TMDLS	Bacteria, pathogens
Retail/gardens centers	Phosphorus/nitrogen/pesticides	Fertilizers, pesticides

The StormBasin will accept any of the Fabco Filter Cartridge configurations, allowing it to effectively treat any of the major pollutants identified in surface water runoff. The StormBasin is available in both round (23” - 30” diameter) and square (24” x 24” and 26” x 26”) configurations that fit one Fabco filter cartridge each. Installing the StormBasin takes only a few minutes. Lift the grate cover from the catch basin, place the insert on the frame and replace the cover.

The StormBasin is factory sized and assembled prior to shipment.

