



D.R. Shannon Company

Environmental **D**istribution **N**etwork™



Catch Basin 'Water Management Unit™(WMU™)'

Using Catch Basin WMU™ on your property allows you to trap offending contaminants prior to their being deposited in your piping or possibly leaving your property.

Catching them now - keeps you in conformance with regulatory requirements. The Catch Basin WMU™ holds the contaminants prisoner. They are under your control for treatment or reuse/recycling.

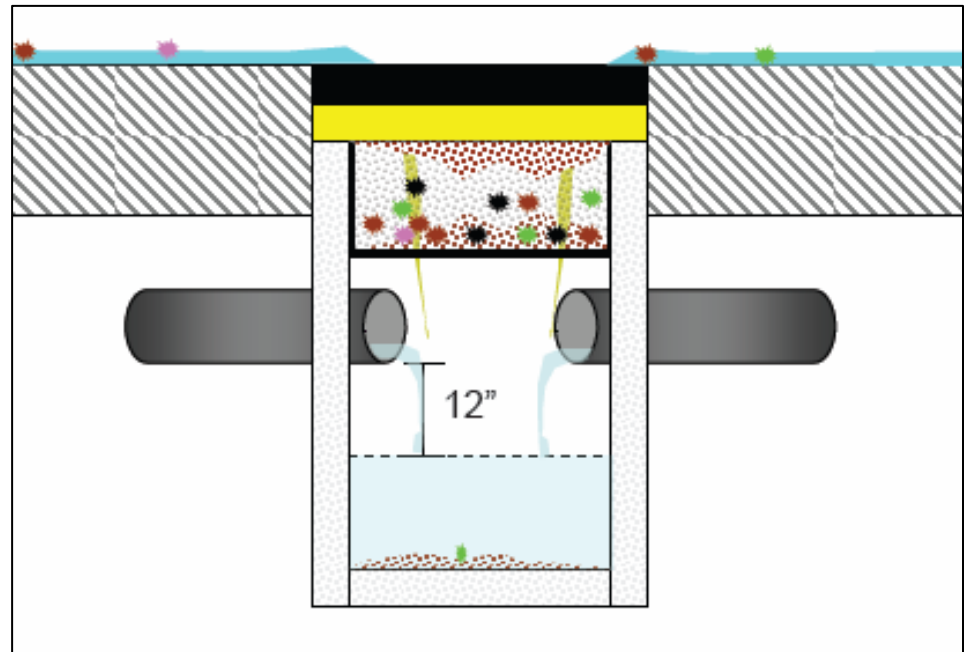
Periodic servicing and replacement - prevents silts and hydrocarbons from depositing in your lines, vaults/system. This reduces your dependence on expensive 'vacuum' trucks and their associated costs.

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Restore the storm water run-off from your property to a pristine condition. Ensure that water leaving your property is 'free' of debris, silts, and hydrocarbons.

The Catch Basin WMU™ has capacities ranging from retaining 2.5 gallons up to 10 gallons of hydrocarbon and 50 pounds of silts/fines.

The Construction or Bridge WTU™ has sizes ranging up to 250 gallons of hydrocarbons and 2,000 pounds of silt.

'Stormwater Collection Process™'



Traps debris, silts, and hydrocarbons. (soaps/surfactants/fuel(s)/coolants).

If you have a water analysis of your influent contaminants, we can custom blend the media in the Catch Basin WMU to target your unique application. In addition to removal of hydrocarbon contaminants, certain media combinations are extremely effective on fine particle removal.

WMU™ are designed for maximum flow in each catch basin. The central sample port allows for in-situ sampling without removing the WMU™. A secondary design function of the sample port is overflow protection. Perforations to allow for unobstructed overflow in a deluge situation. Deluge situations occur under massive water loads like broken surface lines, fire hose effluent and floods. The catch basin WMU™ are designed to handle rainfall and typical sheeting flows equal to 100-year rainfall rates.

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