

# Ultra-HydroKleen® Stormwater Filtration System Specification

The storm water runoff filtration system shall consist of a unit or units to be installed in existing or designed catch basins.

The water runoff filtration units shall be properly sized for the catch basin opening and predicted run-off.

The water runoff filtration system shall contain a pre-settling sediment chamber and a contaminant filtration chamber.

The media within the filtration chamber shall be a layered dual media system.

The first or primary filtration media shall consist of 8" in two or more mesh bags. This primary media shall be a non-leaching absorbent cellulose material that will attach hydrocarbons.

The second filter media shall consist of 4" of specially textured activated carbon to achieve a final polishing effect on the hydrocarbons in the discharge water as well as removing other organics, metals, and other contaminants.

Run-off water entering the unit shall be first diverted into the sediment chamber and from there shall flow into the filtering chamber through a transition inlet.

The units shall have sufficient overflow capacity to prevent ponding or flooding on the surface.

Filtration systems effectiveness shall be verified through third party testing.

The filtration system shall be the Ultra-HydroKleen® Stormwater Filtration System or equivalent.

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