



# SWALEGARD® PRE-FILTER

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## Maintenance Specifications

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A division of  
Oldcastle Precast

## Scope

Federal, State and Local Clean Water Act regulations and those of insurance carriers require that stormwater filtration systems be maintained and serviced on a recurring basis. The intent of the regulations is to ensure that the systems, on a continuing basis, efficiently remove pollutants from stormwater runoff thereby preventing pollution of the nation's water resources. These Specifications apply to the SwaleGard Pre-Filter.

## Recommended Frequency of Service

Drainage Protection Systems (DPS) recommends that installed SwaleGard Pre-Filters be serviced on a recurring basis. Ultimately, the frequency depends on the amount of runoff, pollutant loading and interference from debris (leaves, vegetation, cans, paper, etc.); however, as a minimum, it is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year. DPS technicians are available to do an on-site evaluation, upon request.

## Recommended Timing of Service

DPS guidelines for the timing of service are as follows:

1. For areas with a definite rainy season: Prior to, during and following the rainy season.
2. For areas subject to year-round rainfall: On a recurring basis (at least three times per year).
3. For areas with winter snow and summer rain: Prior to and just after the snow season and during the summer rain season.
4. For installed devices not subject to the elements (washracks, parking garages, etc.): On a recurring basis (no less than three times per year).

## Service Procedures

1. Federal, State and Local regulators require that stormwater filtration systems be maintained and serviced on a recurring basis. The frequency of service depends on the amount of runoff, pollutant loading and interference from debris (leaves, vegetation, cans, paper, etc.); however, it is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year.
2. The timing of service for areas with a definite rainy season should be prior to, during and following the rainy season; for areas with year-round rainfall, the devices should be serviced (at least) every four months; for areas with winter snow and summer rain, service should occur prior to and just after the snow season and during the summer rain; for installed devices not subject to the elements (washracks, parking garages, etc.), the devices should be serviced on a regular basis at least three times per year.
3. The service should commence with collection and removal of sediment and debris (litter, leaves, papers, cans, etc.) and broom sweeping around the drainage inlet. Accumulated materials should be placed in a DOT approved container for later disposal.
4. Unlock and lift the aluminum access lid.
5. Remove the perforated separator plate.
6. Using an industrial vacuum, remove the collected materials from the filter liner.
7. When the materials have been removed, the filter medium pouches should be removed by unsnapping the tether from the D-ring and set to one side. The filter liner, gaskets, stainless steel frame and mounting brackets, etc. should be inspected for continued serviceability. Minor damage or defects found should be corrected on the spot.
8. Inspect the filter medium pouches for defects and continued serviceability and replace as necessary and the pouch tethers re-attached to the liner's D-ring.
9. Replace the perforated separator plate and close and lock the access lid.

## **Exchange and Disposal of Exposed Filter Medium and Collected Debris**

The frequency of filter medium pouch exchange will be in accordance with the existing DPS-Customer Maintenance Contract. DPS recommends that the medium be changed at least once per year. During the appropriate service, if so determined by the service technician during a non-scheduled service, the filter medium pouches will be replaced with new pouches and the exposed pouches placed in the DOT approved container, along with the exposed debris. Once the exposed pouches and debris have been placed in the container, DPS has possession and must dispose of it in accordance with local, state and federal agency requirements.

*Note: As the generator, the landowner is ultimately responsible for the proper disposal of the exposed filter medium and debris. Because the materials likely contain petroleum hydrocarbons, heavy metals and other harmful pollutants, the materials must be treated as an EPA Class 2 Hazardous Waste and properly disposed of. DPS relieves the landowner of the actual disposal task, and provides certification of its completion in accordance with appropriate regulations.*

DPS also has the capability of servicing all manner of catch basin inserts and catch basins with or without inserts, underground oil/water separators, stormwater interceptors and other devices subject to pollution from water runoff. All DPS personnel are highly qualified technicians and are confined-space trained and certified. Call us at (888) 950-8826 for further information and assistance.

# SWALEGARD® PRE-FILTER

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