

# OPERATION, INSPECTION AND MAINTENANCE GUIDE

## STORMSACK BMP AND STORMSACK PLUS BY: FABCO INDUSTRIES

### INSPECTION AND MAINTENANCE

The StormSack BMP/Plus device, like any other stormwater treatment device requires maintenance to remain efficient as a stormwater filter. To maintain treatment capacity, the unit 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 inspection and cleaning out the unit(s) at least three to four times per year.

### INSPECTION PROCEDURE

1. Remove the grate. CAUTION: Grates can be extremely heavy. Some type of lifting mechanism is highly recommended.
2. Visually inspect for heavy sediment, trash, and debris loading.
3. Some telltale signs that cleaning or replacement is necessary are as follows:
  - Waterline marks within a couple inches from the bypass openings.
  - Standing water in the unit because it was designed to drain down after a storm.
  - Cannot see the screen surface area because they are covered with sediment, trash, and debris, etc.
4. Record observations and comments on the maintenance log sheet. Include any necessary photos and/or sketches to maintain the most accurate records.



## MAINTENANCE PROCEDURE

1. Remove the grate. CAUTION: Grates can be extremely heavy. Some type of lifting mechanism is highly recommended.
2. Remove all sediment, oils, liquid, and debris from the structure. It is recommended that a vacuum device be utilized to remove accumulated material. It is not necessary to remove the unit from the inlet unless the fabric sack requires replacement.
3. If the filter sack does not require replacement, rinse the filter sack with a high-pressure hose to dislodge and remove sediment and debris that may be clogging the geotextile fabric or screen openings of the StormSack.
4. For units with damaged filter sack, following the following replacement requirements:
  - Lift the unit out of the inlet. Tilting the unit from back to front can make removal easier.
  - The StormSack filter sack is connected to the metal brackets with plastic hooks. Holding the frame steady, lift each pair of hooks upwards and slightly back to release them from the support bracket. Continue in this fashion all the way around the frame until all the paired hooks are released, and the filter bag drops away.
  - Attach the new sack to the frame. Lift each pair of hooks upwards and slightly back to secure them to the support bracket. Continue in this fashion all the way around the frame until all the paired hooks are connected.
  - Place the unit into the inlet.
5. For StormSack Plus units, replace the used filter media boom.
6. Dispose of all liquid, oils, sediment, debris, trash and other accumulates in accordance with local, state, and federal regulations.
7. Finish the maintenance by placing the grate back into the structure and securing it as necessary.



## StormSack BMP/Plus Maintenance Log

Site Name:		Company:	
Location:		Contact:	
City and State:		Phone:	
System Owner:		Email:	

Date	Sediment Depth	Maintenance / Repairs Performed	Observations / Notes	Initials