

OPERATION, INSPECTION AND MAINTENANCE GUIDE

CPS WITH EXPANDED STORMRING BY: FABCO INDUSTRIES

INSPECTION AND MAINTENANCE

The Expanding StormRing device, like any other stormwater treatment device requires maintenance to remain efficient as a stormwater filter. To maintain treatment capacity, the Expanding StormRing filter 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 two times per year.



INSPECTION PROCEDURE

1. Remove the grate or manhole cover. Allow several minutes for the system to vent.
 - CAUTION: Grates can be extremely heavy. Some type of lifting mechanism is highly recommended.
 - Follow all confined entry procedures and local regulations before entering the enclosed structure.
2. Visually inspect for heavy sediment, trash, and debris loading. A battery powered flashlight or droplight is recommended for thorough inspection.
3. Some telltale signs that cleaning or replacement is necessary are as follows:
 - Waterline marks within a couple inches of the top of the bypass weir.
 - Standing water in the chamber 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 or manhole cover. Allow several minutes for the system to vent.
 - CAUTION: Grates can be extremely heavy. Some type of lifting mechanism is highly recommended.
 - Follow all confined entry procedures and local regulations before entering the enclosed structure.
2. Remove all sediment, oils, liquid, and debris from the structure. It is recommended that a vacuum device be utilized to remove accumulated material.
3. Once all bulk material has been removed, remove the cover screen. Once removed, use a stiff-bristled brush or power washer to remove accumulated material from the face of the screen.
4. Reattach the cover screen to the expanding ring unit and dispose of all liquid, oils, sediment, debris, trash and other accumulates in accordance with local, state, and federal regulations.



Expanding StormRing CPS Maintenance Log

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

Date	Water Depth	Sediment Depth	Maintenance / Repairs Performed	Observations / Notes	Initials