

StormFilter[®] Transfer Cover Style Vault Activation Instructions

Overview

The StormFilter system was selected by the engineer as a post-construction stormwater treatment best management practice. It is the responsibility of the Contractor at the time of installation to ensure appropriate erosion control measures and construction BMPs are in place to protect the StormFilter from sediment and other debris until construction is complete and the site is stabilized, preventing premature occlusion.

Activating the StormFilter System

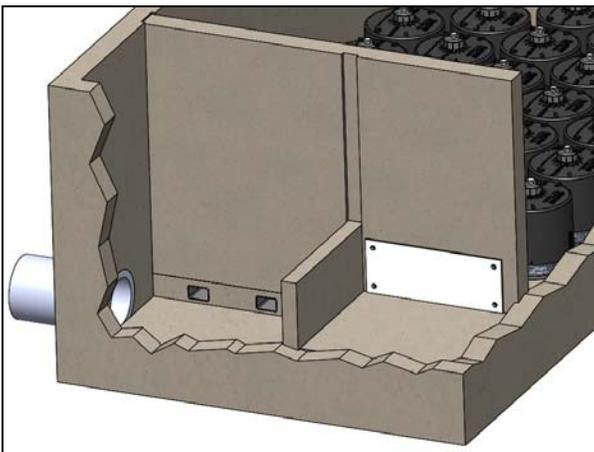
Once construction is complete, landscaping is in place, and the site has been stabilized; the Contractor is responsible for activating the StormFilter system. The steps required depend on the measures used to protect the StormFilter from construction runoff at the time of installation. First, an inspection of the system should be done to ensure maintenance is not required. See **StormFilter Inspection and Maintenance Guide** on our website. www.ContechES.com/Activation

Possible Contractor measures taken to protect cartridges:

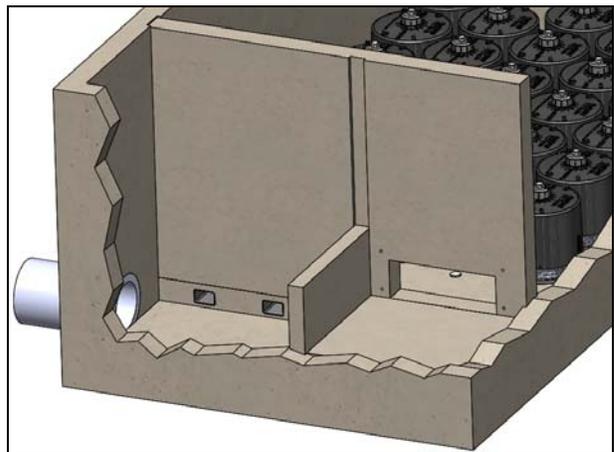
- If the cartridges were stored outside the vault during construction, install the cartridges and ensure all empty connectors are plugged.
- If the StormFilter system was bypassed using pipe plugs or other devices in up-stream structures to prevent construction runoff from reaching the system, those devices should be removed.

Standard StormFilter Transfer Cover Style Vault, Construction Flow Bypass features:

Many StormFilter Vault configurations have internal concrete walls for peak flow diversion. Upstream of the weir wall is a transfer hole used to direct runoff into the StormFilter cartridge bay for treatment. A transfer hole cover plate is bolted over this transfer hole to route possible runoff from unstabilized construction sites over the weir and around the StormFilter cartridges. To complete the activation of the system, remove the four bolts and discard the transfer hole cover, exposing the transfer hole.

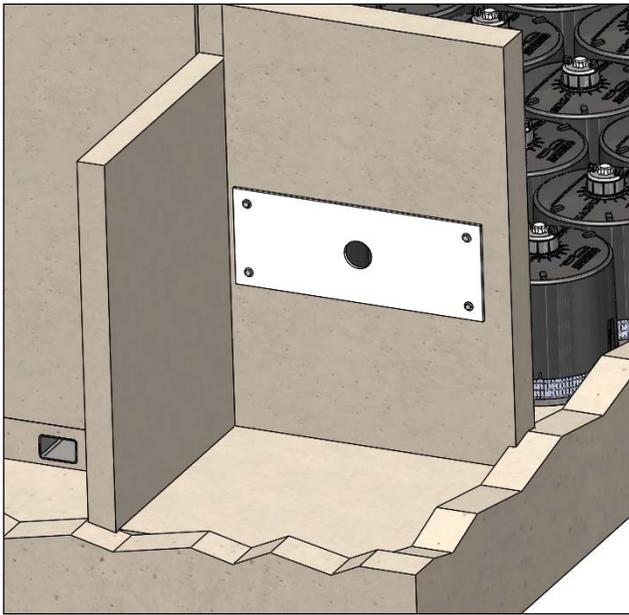


Delivered Setup: Bypasses Construction Flow



Activated Setup: Ready For Treatment

In some systems an orifice plate could be bolted and sealed to the wall behind the transfer hole cover. To complete the activation of these systems, remove the four bolts and discard the transfer hole cover plate, exposing the Orifice plate. Reinstall the bolts in the orifice plate to secure it.



Activated Setup with Orifice Plate: Ready For Treatment

Activation Disk removal

An Activation Disk on a single cartridge in the StormFilter vault, indicated the system required activation. Once the activation of the system is complete the disk can be removed and discarded.

Remove the Air Lock Cap from the StormFilter cartridge by rotating it counterclockwise. Remove the Activation Disk from the cartridge and discard. Replace the Air Lock Cap back on the same cartridge.

