



Full Version

StormExx® CLEAN Catch Basin Inserts Checklist for – Inspection / Use / Maintenance

StormExx® catch basin inserts are used to intercept storm water as it passes through the grate. Heavy sediment items settle to the bottom of the housing and the collected water starts to rise and pass through the filter cartridge. As the rainfall rate increases the water level may rise to the top of the cartridge. The treated flow rate at this point may be up to 65 gpm. During high rainfall flow events excess untreated water will overflow the housing.

Note: The most concentrated contaminants in storm water generally occur at the beginning of each rain event. This may be considered the first flush and may be the first 10 percent on storm water entering the grate. Each site and installation may vary widely as to exposure to sediment, construction debris, landscaping and other pollutants. With periodic site inspections the proper care and maintenance frequency may be determined for a proper service schedule.

The StormExx® inserts should be inspected during each season before and after rain events to insure that the insert filter assembly is ready to accept and treat storm water run-off.

- Keep the grate area, within 6' of grate area, clean and free of leaves, grass clippings, sediment and debris to minimize these contaminants from entering the unit housing. This is especially important during leaf fall season as decaying leaves on the filter cartridge can shorten filter life.
- Periodic visual inspections involve looking through the grate to see if any standing water exists. The collected water should drain through the filter cartridge that is designed for deep bed loading. As it becomes blinded or plugged with sediment the flow rate capability will be reduced. Replace filter cartridge if standing water is in the housing.
- In high rainfall flow areas where large amounts of sediment enter through the grate it may be necessary to change the filter cartridge up to 4 times a year. In low rainfall flow areas only one or two cartridge filter change-outs per year may be necessary.
- If sediment reaches a height of 6" to 8" above bottom of the 24" housing, the sediment should be dumped and the filter cartridge replaced.
- Collected leaves, grass clippings, sediment, debris and spent filter cartridges that are not considered hazardous may be disposed of in on-site trash bins if approved by client. Cartridge disposal shall be in accordance with applicable rules and regulations.

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