

Stormwater Filter - Maintenance Requirements and Inspection Checklist

Stormwater Filters are practices that capture and temporarily store the WQv and pass it through a filter bed of sand, organic material, soil, or other media. Filtering systems will generally be combined with a separate facility to provide flood control.

Regular inspection and maintenance of stormwater facilities is necessary to ensure effective and proper operation. It is the responsibility of the property owner to maintain all stormwater facilities in accordance with the approved plans and the Stormwater Facility Maintenance Covenant. This page provides general guidance on the recommended inspection and maintenance along with the recommended frequency for each item.

Inspection Activities	Suggested Schedule
<ul style="list-style-type: none"> • A record should be kept of the dewatering time (the time required to drain the filter bed after a storm event) of the filter to determine if maintenance is necessary. The facility should drain completely in about 24 to 48 hours after the end of the rainfall. • Check the filter surface for clogging. 	After Rain Events
<ul style="list-style-type: none"> • Inspect the facility for the presence of trash and debris 	Monthly
<ul style="list-style-type: none"> • Check to see that the filter bed is clean of sediment. • Inspect pre-treatment devices and diversion structures for sediment buildup and damage. • Inspect facility for signs of erosion. • Note signs of pollution such as oil sheens, discolored water, odor, etc. • Inspect signage 	Annually
Maintenance Activities	Suggested Schedule
<ul style="list-style-type: none"> • Mow the area draining to the filter, if required, as necessary • Clean and remove debris and trash • Repair erosion • Repair or replace signage • Remove pollutants • Rework or remove and replace filter material with media that meets the specifications of the original approved plans. 	As Needed
<ul style="list-style-type: none"> • Remove sediment. • Repair or replace vegetation to its original condition per approved plans 	Annually
<ul style="list-style-type: none"> • Perform total rehabilitation of the facility to maintain design storage capacity and treatment efficiency. 	Upon Failure

STORMWATER FILTER INSPECTION CHECKLIST

Location: _____ Owner Change: Y N

Owner Name, Address, Phone: _____

Date: _____ Time: _____ Site Conditions: _____

Inspection Item	Y/N	Comments/Corrective Action Needed
Complete drainage of facility in 24 to 48 hours after rain event?		
Clear of debris and trash?		
Standing water when no water should be present?		
Evidence of leaks or seeps?		
Erosion in area draining to facility?		
Undesirable vegetation growth?		
Sediment accumulation in filter bed?		
Other (describe)?		
Other		
Have there been any complaints from residents?		
Public hazards?		

Inspector Name (printed) _____ Inspector Signature _____

Inspections shall be completed at least once per calendar year. Submit a copy of the completed checklist and two photos to the City of Wentzville, Attn: Stormwater Coordinator, 1001 Schroeder Creek Blvd, Wentzville, MO 63385 or by fax 636-327-4892. **Documentation of the corrective action taken (date, by whom, what was done, etc.) must be provided for each item noted above.**