

Stormwater Filters

Date Inspected _____

Drainage System Feature	Potential Defect	Conditions When Maintenance Is Needed	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
Fore Bay	Sediment Accumulation	Sediment accumulation exceeds six inches or 1/3 of available sump.	Sediment accumulation less than six inches.	<input type="checkbox"/>
Media Filter Vault	Sediment Accumulation on Top of Filter Cartridges.	Sediment depth exceeds 1/4 inches on top of filter cartridges.	No sediment deposits on top of cartridges. Sediment on cartridges likely indicates that cartridges are plugged and require maintenance. No sediment deposits, which would impede permeability of the compost media.	<input type="checkbox"/>
	Sediment Accumulation in Vault	Sediment depth exceeds four inches in first chamber. Look for other indicators of clogged cartridges or overflow.	Sediment in vault should be removed. Cartridges should be checked and replaced or serviced as needed. No sediment deposits in vault bottom of first chamber.	<input type="checkbox"/>
	Trash and Floatable Debris Accumulation	Trash and floatable debris accumulated in vault.	No trash or floatable debris in filter vault.	<input type="checkbox"/>
	Sediment in Drain Pipes/Clean-Outs	When drain pipes, clean-outs, become full with sediment and/or debris.	Sediment and debris removed.	<input type="checkbox"/>
	Damaged Pipes	Any part of the pipes that are crushed or damaged due to corrosion and/or settlement.	Pipe repaired and/or replaced.	<input type="checkbox"/>
	Access Cover Damaged/Not Working	Cover cannot be opened; one person cannot open the cover using normal lifting pressure, corrosion/deformation of cover.	Cover repaired to proper working specifications or replaced.	<input type="checkbox"/>
	Vault Structure Includes Cracks in Wall, Bottom, Frame and/or Top Slab	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.	Vault replaced or repairs made so that vault meets design specifications and is structurally sound.	<input type="checkbox"/>
		Cracks wider than 1/2 inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.	Vault repaired so that no cracks exist wider than 1/4 inch at the joint of the inlet/outlet pipe.	<input type="checkbox"/>
	Baffles	Baffles corroding, cracking warping, and/or showing signs of failure as determined by maintenance/inspection person.	Baffles repaired or replaced to specifications.	<input type="checkbox"/>
Access Ladder Damaged	Ladder is corroded or deteriorated, not functioning properly, not securely attached to structure wall, missing rungs, cracks, and misaligned.	Ladder replaced or repaired and meets specifications, and is safe to use as determined by inspection personnel.	<input type="checkbox"/>	
Below Ground Cartridge Type	Compost Media	Drawdown of water through the media takes longer than one hour, and/or overflow occurs frequently.	Media cartridges replaced.	<input type="checkbox"/>
	Short Circuiting	Flows do not properly enter filter cartridges.	Filter cartridges replaced.	<input type="checkbox"/>

Drainage System Feature	Potential Defect	Conditions When Maintenance Is Needed	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
Below Ground Cartridge Type	Filter cartridges Submerged	Filter vault does not drain within 24 hours following storm. Look for evidence of submergence due to backwater or excessive hydrocarbon loading.	Filter media checked and replaced if needed. If cartridges are plugged with oil, additional treatment or source control BMP may be needed.	<input type="checkbox"/>