

**Table 1 – Maintenance/Cleaning Criteria for Stormwater Volume & Pollution Reduction Devices**

<b>FACILITY TYPE</b>	<b>MAINTENANCE CONDITION</b>	<b>ACTION</b>
<b>Hardscape stormwater volume &amp; pollution reduction devices:</b>		
Catch basins/storm drains	Sediment is >50% sump depth	Clean catch basin
Closed Detention System (storage tank or pipe)	Sediment is >15% of diameter at any point <u>or</u> >6" below pipe invert	Clean detention system
Drywells	Sediment is >25% of depth	Clean drywell
Field/Ditch inlet (area drain)	Sediment is >50% sump depth	Clean catch basin
Flow control structures	Sediment is >50% or within 1' of bottom of tee	Clean flow control structure
Oil/Water separators	Sediment > 6" or oil is 1" thick or visible signs of sediment on plates	Clean separator
Pipes	>20% of pipe (conveyance) diameter	Clean pipes
Stormceptor™	<ul style="list-style-type: none"> <li>&gt;15% of total storage capacity</li> <li>Following a spill</li> </ul>	<ul style="list-style-type: none"> <li>Clean device, refer to manufacturer's guidelines for cleaning</li> <li>Clean device immediately; refer to manufacturer's guidelines for cleaning</li> </ul>
Storm Filters (cartridges):	<ul style="list-style-type: none"> <li>Sediment 0.25" on top of cartridges</li> <li>Sediment &gt;4" in first chamber</li> </ul>	Clean sump, replace cartridges
Vortech Separator (Downstream Defender™)	<ul style="list-style-type: none"> <li>Sediment within 12 – 18" of dry weather water surface elevation</li> <li>&gt;75% of max clean out depths</li> <li>Oil/floatables</li> <li>Following a spill</li> </ul>	<ul style="list-style-type: none"> <li>Clean device; refer to manufacturer's guidelines for cleaning</li> <li>Once a year - clean device; refer to manufacturer's guidelines for cleaning</li> <li>Once a year - clean device; refer to manufacturer's guidelines for cleaning</li> <li>Clean device immediately; refer to manufacturer's guidelines for cleaning</li> </ul>
<b>Vegetated Systems:</b>		
All (general)	Bare soils	No more than 10% bare soil in vegetated area, install approved cover material
	Deteriorating slopes	Repair slopes to original grade, install approved cover material
	Leaves, trash or other debris	Remove leaves, trash or other debris; dispose of in trash
	Sediment buildup <ul style="list-style-type: none"> <li>facility not draining or conveying runoff</li> <li>Sediment restricting flows</li> </ul>	Remove sediment
	Standing water after 36 hrs. w/no rain	If designed as an infiltration pond, may need to remove & replace soil
	Structures	Clean structures as per criteria in Table 1
	Water has sheen or is discolored	Find source of sheen/color and remove
	Weeds and invasive plants	Remove weeds and invasive plants
	Vegetation <ul style="list-style-type: none"> <li>Dead or dying plants</li> <li>Trees growing in pond channels</li> </ul>	Do not use pesticides or fertilizers; Use plants on approved list <ul style="list-style-type: none"> <li>80% survival of approved vegetation</li> <li>Remove trees from channels/pond bottom</li> </ul>
Planters	4" sediment or more, or if sediment is <ul style="list-style-type: none"> <li>killing vegetation</li> <li>preventing vegetation from establishing</li> <li>preventing facility from draining</li> </ul>	Remove sediment from planter; dispose of in trash
Ponds	<ul style="list-style-type: none"> <li>50% of the original sump volume of the forebays or sediment storage areas has been lost</li> <li>50% of the original sump volume of the main cells has been lost</li> <li>Pond demonstrates loss of performance e.g. sediment pass-through, channelization of sediment, short circuiting, etc.</li> </ul>	Remove accumulated sediment from forebays or sediment storage areas
Swales	>2" sediment	Remove sediment from swale; dispose of in trash