

### Drainage Inserts and Downspout Filters (MP-52\*):

Devices installed in catch basins, curb inlets, and roof downspouts that collect sediment, trash, and debris. Typically includes an oil absorbent pouch.

#### Minimum Required Inspection/Maintenance:

Inspect before and after the rainy season (October-May) and after each storm event. Clean/repair/replace as needed to ensure proper function. Replace oil absorbent pouch as needed (when the filter media turns grey or black).



Drainage Insert (Curb Inlet)



Downspout Filter



Drainage Insert (Curb Inlet)



Drainage Insert (Area Inlet)

### Grass/Vegetated Swales or Strips (TC-30\*):

Drainage channels lined with grass or vegetation, usually with a storm drain inlet at the end.

#### Minimum Required Inspection/Maintenance:

Check for excessive trash, debris, and sediment during normal landscape maintenance and after each storm event. Inspect for vegetation health and erosion issues. Ensure that no standing water remains in swale more than 48 hours after every rain event. Mow grass and adjust irrigation schedule to ensure adequate vegetative cover while preventing irrigation runoff to the storm drain. Re-seed or remove sediment if needed.



Vegetated Swale

## Hydrodynamic Separation Systems (Including CDS Units, Sand/Oil Interceptors, and Baffle Boxes) (MP-51\*, MP-50\*):

These underground devices need to be professionally maintained & require a vactor truck.

### Minimum Required Inspection/Maintenance:

See manufacturer's recommendations. Typically, check for obstructions to the inlet before the rainy season and after large storm events. Measure depth of floatables (oil and trash) and sediment. Maintain if inlet is obstructed, the floatable depth is greater than 12 inches, or the sump is in within the maintenance range (each unit has a unique storage volume).



CDS Unit



Baffle Box

## Extended/Dry Detention Basins (TC-22\*):

Basins whose outlets have been designed to detain stormwater for an extended period of time to allow pollutants to settle.

### Minimum Required Inspection/Maintenance:

Twice a year and after rain events inspect for bank erosion, damage to vegetation (if any), excessive trash and debris, standing water, damage or obstructions to inlet and outlet. Clean/repair as needed.



Units typically accessed through 2 or more adjacent manholes

## Other Treatment Control BMPs:

Bioretention (TC-32\*), Filtration Systems (TC-40\*), Infiltration Basin (TC-10\*), Infiltration Trench (TC-11\*), Wet Pond (TC-20\*), Constructed Wetland (TC-21\*).

\* Number refers to California Stormwater Quality Association (CASQA) handbook fact sheet number.

Visit [www.cabmphandbooks.com/Documents/Development/Section\\_5.pdf](http://www.cabmphandbooks.com/Documents/Development/Section_5.pdf) for more information.



Filtrerra Bioretention System



City of Cypress  
Stormwater Program  
5275 Orange Avenue  
Cypress, CA 90630