The City of San Diego

STRUCTURAL BMP
INSPECTION & MAINTENANCE INFORMATION SHEET

think BLUE San Diego

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 (Area Inlet)

Drainage Insert (Curb Inlet)

Drainage Insert (Curb Inlet)

Downspout Filter

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.

Grass 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

Bioretention (TC-32*):

Shallow vegetated depressions designed to capture runoff and encourage temporary ponding to help filter storm water through both plants and soils.

Units typically accessed through 2 or more adjacent manholes

Minimum Required Inspection/Maintenance:

Twice a year and after rain events inspect for erosion, damage to vegetation, excessive trash and debris, or standing water. Clean/repair, remove sediment, and remulch, as needed.

Bioretention Basin

Other Treatment Control BMPs:

Extended/Dry Detention Basins (TC-22*), 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 https://www.casqa.org/resources/bmp-handbooks for more information.*

This information is available in alternative formats upon request.

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