

Dry Detention Stormwater Basin Inspection Checklist for Use by Basin Owners

Name(s) of Person Inspecting the Basin: _____ Basin _____

Date of Inspection: _____

Overall Observations	No	Yes	*Notes / Follow-up Items
1) Any reports of basin not functioning?			
2) Does stormwater remain in the basin more than 72 hours after a storm?			
3) Are there any structures in the basin used during site construction no longer in use?			
4) Is water entering the basin "short-circuiting" by directly exiting the basin outlet without coming in contact the basin bottom soil and vegetation?			
Inlet: A structure within the basin designed to convey runoff from the drainage area into the basin typically concrete and/ or a metal pipe.			
1) Signs of breakage, damage or corrosion or rusting of inlet structure/pipe?			
2) Excess debris or sediment accumulation in or around the inlet potentially clogging the inlet opening/pipe?			
3) Signs of erosion, scour or gullies; undermined or undercut earth/embankment; exposed dirt; worn vegetation; "fresh" soil; washed out, disturbed, or damaged soils, rock or vegetation above or around the basin inlet structure?			
4) Tree roots, woody vegetation growing close to or through the inlet structure or a situation impacting structure's integrity?			
5) If the inlet has a pretreatment structure, such as a trash rack or fore bay, is it filled with debris or sediment?			
Basin: The basin includes interior side slopes and bottom vegetation rock or berms inlets and outlets and exterior side slopes.			
1) Accumulation of debris or litter within basin?			
2) Exposed dirt or earth visible, are there areas of ground without vegetation or where grass is worn or dead?			
3) Excess sediment accumulation in the basin (i.e., is sediment covering vegetation, covering/blocking inlet or outlet pipes)?			
4) Basin walls/embankment eroded, slumping, caved in or being undermined?			
Outlet: The primary structure within a basin that conveys stormwater from within the basin to a location outside the basin. Most basins have a single primary outlet that conveys stormwater from typical storms and a secondary spillway to divert water during large storms. A typical outlet is made of metal or concrete pipe.			
1) Breakage, damage or corrosion or rusting to outlet pipe or conveyance?			
2) Erosion, scour or gullies; undermined or undercut earth/embankment; exposed dirt; worn vegetation; "fresh" soil; washed out, disturbed, or damaged soils, rock or vegetation on or around the outlet structure?			
3) Debris or sediment accumulation in or around the outlet pipe (i.e., is outlet orifice covered with debris/sediment)?			
4) Accumulation of debris or litter in or around outlet?			
5) Tree roots or woody vegetation encroaching or impacting the outlet or causing potential damage to the structure?			
Secondary Overflow Spillway or Emergency Spillway: The location within the basin that conveys high flows safely out of the basin once the basin has reached capacity during large storms or in the event the primary outlet structure is malfunctioning.			
1) Are pipes, conduits, or conveyances free of debris, clogs and in sound condition (i.e., no visible cracks, breakage, slumping, undermined or undercut earth/embankments)			
2) Large tree or root growth close to pipes or conveyances with the potential to crack structure or impede flow?			
3) Erosion, scour or gullies; undermined or undercut earth/embankment; exposed dirt; worn vegetation; "fresh" soil; washed out, disturbed, or damaged soils, rock or vegetation on or around the spillway?			
Basin Outfall Area: The location outside the basin where stormwater is supposed to exit or discharge from the basin including the area in the vicinity of the outfall pipe/conveyance and immediately down slope including but not limited to receiving waterways.			
1) Signs of stormwater exiting the basin in an uncontrolled manner over or through basin outside wall?			
2) Erosion, scour or gullies, undermined or undercut earth/embankment; exposed dirt; worn vegetation; "fresh" soil; washed out, disturbed, or damaged soils, rock or vegetation at or down slope of the outfall?			

***Items to which inspector responded "yes" require follow-up prior to next inspection.**