

BMP INSPECTION CHECKLIST

Defect	When Maintenance Is Needed	Expected Results When Maintenance is Performed	Comments (Describe maintenance completed and if any needed maintenance was not conducted, note when it will be done)	Maintenance Score
Insects	Insects such as wasps and hornets interfere with maintenance activities.	Insects do not interfere with maintenance activities.		
Tree/Brush Growth and Hazard Trees	<ul style="list-style-type: none"> • Growth does not allow maintenance access or interferes with maintenance activity. • Dead, diseased, or dying trees. 	<ul style="list-style-type: none"> • Trees do not hinder maintenance activities. • Remove hazard trees as approved by the City. (Use a certified Arborist to determine health of tree or removal requirements). 		
Drainage time	Standing water remains in basin more than 72 hours.	Correct any circumstances that restrict the flow of water from the system. Restore drainage to design condition. If the problem cannot be corrected and problems with standing water recur, then mosquitoes should be controlled with larvicides, applied by a licensed pesticide applicator.		
Outfall structure	Debris or silt build-up obstructs an outfall structure.	Remove debris and/or silt build-up and dispose of properly.		
Side Slopes/Embankment (Dimension: : 1)				
Erosion	<ul style="list-style-type: none"> • Eroded over 2 in. deep where cause of damage is still present or where there is potential for continued erosion. • Any erosion on a compacted berm embankment. 	Cause of erosion is managed appropriately. Side slopes or berm are restored to design specifications, as needed.		
Storage Area				
Sediment	Accumulated sediment >10% of designed basin depth or affects inletting or outletting condition of the facility.	Sediment cleaned out to designed basin shape and depth; basin reseeded if necessary to control erosion. Sediment disposed of properly.		
Liner (If Applicable)	Liner is visible and has more than three 1/4-inch holes in it.	Liner repaired or replaced. Liner is fully covered.		

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Emergency Overflow/Spillway and Berms				
Settlement	Berm settlement 4 inches lower than the design elevation.	Dike is built back to the design elevation.		
Tree Growth	Tree growth on berms or emergency spillway >4 ft in height or covering more than 10% of spillway.	<ul style="list-style-type: none"> • Trees should be removed. If root system is small (base less than 4 inches) the root system may be left in place. Otherwise the roots should be removed and the berm restored. • A civil engineer should be consulted for proper berm/spillway restoration. 		
Emergency Overflow/Spillway	Rock is missing and soil is exposed at top of spillway or outside slope.	Rocks and pad depth are restored to design standards.		
Debris Barriers (e.g., Trash Racks)				
Trash & Debris	Trash or debris is plugging openings in the barrier.	Trash or debris is removed and disposed of properly.		
Damaged/Missing Bars	Bars are missing, loose, bent out of shape, or deteriorating due to excessive rust.	Bars are repaired or replaced to allow proper functioning of trash rack.		
Inlet/Outlet Pipe	Debris barrier is missing or not attached to pipe.	Debris barrier is repaired or replaced to allow proper functioning of trash rack.		
Fencing and Gates				
Missing or broken parts	Any defect in or damage to the fence or gate that permits easy entry to a facility.	Fencing and gate are restored to design specifications.		
Deteriorating Paint or Protective Coating	Part or parts that have a rusting or scaling condition that has affected structural adequacy.	Paint or protective coating is sufficient to protect structural adequacy of fence or gate.		

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Flow Duration Control Outlet (if included in design to meet Hydromodification Management Standard)				
Risers, orifices and screens	Any debris or clogging	Restore unobstructed flow through discharge structure; to meet original design; dispose of debris properly.		
Forebay				
Trash & Debris	<ul style="list-style-type: none"> • Trash and debris accumulated in forebay. • Visual evidence of dumping. 	Trash or debris is removed and disposed of properly.		
Sediment	Accumulated sediment >10% of designed forebay depth or affects inletting or outletting condition to the basin.	Sediment cleaned out to designed forebay shape and depth; forebay reseeded if necessary to control erosion. Sediment disposed of properly.		
Riprap Berm	Riprap Berm has experienced scour or settlement to the degree it affects inletting or outletting condition to the basin.	Riprap re-placed to design shape, or additional stone added if higher velocities are exiting the inlet pipe than initially designed for.		
Outlet Structure				
Trash & Debris	Trash or debris is clogging outlet structure either at the inlet or outlet.	Trash or debris is removed and disposed of properly.		
Headwalls/ Endwalls	Evidence of scour/erosion impacting structural integrity. Any maintenance to headwalls/endwalls should occur during the dry season.	Headwall/endwall repaired/replaced to meet design standards.		
Outlet Pipe/ Orifice <u>Specs</u> diameter: material:	Pipe is disconnected, crushed, damaged in any way, or experiencing wear (e.g. rust, brittle) that restricts flow.	Piping repaired/replaced to restore flow.		
Inlet Pipe <u>Specs</u> diameter: material:	Pipe is disconnected, crushed, damaged in any way, or experiencing wear (e.g. rust, brittle) that restricts flow.	Piping repaired/replaced to restore flow.		

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Additional Notes/Sketches if needed: