

Post-Construction: Suggested Maintenance Schedule for Stormwater BMPs

Type of Practice	Management Practice	Maintenance Activity	Schedule
Detention and Retention Practices	Ponds & Wetlands (including dry ponds)	<ul style="list-style-type: none"> • Clean & remove debris after 2" rain event • Remove vegetation when covering 50% of water surface area • Repair banks & slopes • Repair control structure 	Annually or as needed
		<ul style="list-style-type: none"> • Remove accumulated sediment from forebays/sediment storage areas when 60% volume lost 	Every 5-years
		<ul style="list-style-type: none"> • Dredge pond/wetland body when 50% storage volume lost 	Every 20-years
Infiltration Facilities	Infiltration Trench	<ul style="list-style-type: none"> • Clean & remove debris after 2" rain event • Mow & maintain upland vegetation • Clean out sediment • Repair stone aggregate • Maintain inlets & outlets 	Annually or as needed
		<ul style="list-style-type: none"> • Remove accumulated sediment from forebays/sediment storage areas when 50% volume lost 	Every 4-years
	Infiltration Basin	<ul style="list-style-type: none"> • Clean & remove debris after 2" rain event • Mow & maintain upland vegetation • Clean out sediment 	Annually or as needed
		<ul style="list-style-type: none"> • Remove accumulated sediment from forebays/sediment storage areas when 50% volume lost 	Every 3-5 years
Manufactured Systems	Examples: Stomceptor, Water Quality Vault, etc.	<ul style="list-style-type: none"> • Perform maintenance per manufacturer's detail 	Per manufacturer's detail

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Filtration Practices	Sand Filters	<ul style="list-style-type: none"> Remove trash & debris from openings Repair leaks from chambers & other structural components Remove top few inches of sand when filter bed clogged 	Annually or as needed
		<ul style="list-style-type: none"> Clean out sediment in filter bed chamber when depth >0.5" OR when filter layer will not draw down in 24 hours Clean out sediment from sediment chamber when depth > 12" 	Every 3-5 years
	Dry Swales, Grassed Channels, Biofilters	<ul style="list-style-type: none"> Mow & remove litter/debris Stabilize slopes and bottoms Manage nutrient/pesticide use Dethatch/remove thatching from swale bottom 	Annually or as needed
		<ul style="list-style-type: none"> Remove sediment in swale bottom to restore original cross-section and infiltration rate Seed or sod area to re-nourish 	Every 5-years
	Filter Strips	<ul style="list-style-type: none"> Remove litter/debris Manage nutrient/pesticide use Aerate soil on filter strip Repair eroded or sparse vegetated areas 	Annually or as needed
	Biovention	<ul style="list-style-type: none"> Repair eroded areas Mulch in void areas Remove/replace dead vegetation Water plant material 	Biannually or as needed
		<ul style="list-style-type: none"> Remove mulch and apply new layer 	Annually

Sources: 1) CWP, 1998. "Costs and Benefits of Stormwater BMP's: Final Report 9/14/98". Center for Watershed Protection, Ellicott City, MD.; 2) EPA, "BMP Inspection and Maintenance", url: http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm?action=factsheet_results&view=specific&bmp=91, United States Environmental Protection Agency.