

Bioretention Basin Maintenance Guide

Inspection Checklist	No	Yes	If Yes, perform following maintenance
Are weeds present?			Pull weeds out by the roots to prevent them from returning. If necessary, spot treat weeds with an herbicide such as Rodeo. Weeds will choke out native plants in the basin. This will not allow rainwater to infiltrate the soil.
Is the basin becoming shallower over time?			Remove extra sediment from the inlets, outlets, and bottom of the basin with a shovel or other appropriate tools. Accumulated sediment reduces the basin's volume to capture rainwater.
Are trash, excessive leaves, grass clippings, or other debris present?			Remove any trash or debris present. A buildup of debris reduces the basin's volume to capture rainwater.
Is anything blocking or clogging inlets or outlets?			Remove debris/sediment that may be preventing water from flowing into or out of the basin. Clogged inlets or outlets will not allow rainwater to infiltrate the basin. This can cause flooding.
Are there areas of bare soil or channels forming?			Add mulch and/or native plants where necessary. Contact PRWD for appropriate erosion control methods in more serious cases. Bare areas and channels mean rainwater is carrying sediment away from the basin.
Is there standing water more than 2 days after a rainfall?			This may indicate that rainwater isn't infiltrating the basin fast enough. Large scale maintenance may be required.
If underdrain is present, is there standing water more than 2 days after a rainfall?			Remove any trapped sediment present. If sediment does not appear to be blocking flow, this may indicate that rainwater isn't infiltrating the basin fast enough. Large scale maintenance may be required.

Pervious Pavers Maintenance Guide

Inspection Checklist	No	Yes	If Yes, perform following maintenance
Are weeds growing between the pavers?			Pull weeds out by the roots to prevent them from returning. If necessary, spot treat weeds with an herbicide such as Rodeo. Weeds will choke out native plants in the basin. This will not allow rainwater to infiltrate the soil.
Has soil built up between the pavers?			If spaces between pavers are clogged, the pavers should be “swept” to remove all soil. The fill material should then be replaced. Extra soil build up will not allow rainwater to infiltrate the pavers.
Are trash, excessive leaves, grass clippings, or other debris present?			Remove any trash or debris present. A buildup of debris reduces the pavers’ ability to infiltrate rainwater.
Are any pavers damaged or broken ?			Repair or replace damaged pavers as needed. Broken pavers will not allow rainwater to infiltrate properly.
Has the fill material between the pavers been depleted?			If necessary, replace fill. The fill between the pavers allows rainwater to properly infiltrate the soil.
Is there standing water between the more than 2 days after a rainfall?			This may indicate that rainwater isn’t infiltrating between the pavers fast enough. Large scale maintenance may be required.

Rain Garden Maintenance Guide

Inspection Checklist	No	Yes	If Yes, perform following maintenance
Is the rain garden becoming shallower over time?			Remove extra sediment from the inlets, outlets, and bottom of the basin with a shovel or other appropriate tools. Accumulated sediment reduces the garden's volume to capture rainwater
Are trash, excessive leaves, grass clippings, or other debris present?			Remove any trash or debris present. A buildup of debris reduces the garden's volume to capture rainwater.
Is anything blocking or clogging inlets or outlets			Remove extra sediment from the inlets, outlets, and bottom of the basin with a shovel or other appropriate tools. Accumulated sediment reduces the garden's volume to capture rainwater.
Are weeds present?			Pull weeds out by the roots to prevent them from returning. If necessary, spot treat weeds with an herbicide such as Rodeo. Weeds will choke out native plants in the basin. This will not allow rainwater to infiltrate the soil
Are there areas of bare soil or channels forming?			Add mulch and/or native plants where necessary. Contact PRWD for appropriate erosion control methods in more serious cases. Bare areas and channels mean rainwater is carrying sediment away from the basin.
Is there standing water between the more than 2 days after a rainfall?			This may indicate that rainwater isn't infiltrating the basin fast enough. Large scale maintenance may be required



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Underground Infiltration Maintenance Guide

Inspection Checklist	No	Yes	If yes, perform following maintenance
Is anything blocking or clogging inlets or outlets?			Remove extra sediment or debris from the inlets or outlets. Build up in the inlets or outlets will prevent rainwater from entering or exiting the filtration system and could cause flooding.
Has accumulated sediment filled sump structures?			If necessary remove extra sediment with a vacuum truck. Accumulated sediment will prevent proper filtration of rainwater.
Is there standing water in the observation well for more than two days?			This may indicate that rainwater isn't filtering through the system fast enough. Large scale maintenance may be required



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Retention Pond Maintenance Guide

Inspection Checklist	No	Yes	If yes, perform following maintenance
Is anything blocking or clogging inlets, outlets, or overflows?			Remove extra sediment or debris from the inlets, outlets, and overflows. Build up in the inlets or outlets will prevent rainwater from entering or exiting the pond and could cause flooding.
Are there bare areas or channels forming along the shoreline?			Add mulch and/or native plants where necessary. Contact PRWD for appropriate erosion control methods in more serious cases. Bare areas and channels mean rainwater is carrying extra sediment down into the pond. This destabilizes the shoreline.
Has the pond become shallower over time? When was the last time the pond was dredged?			Retention Ponds will need to be dredged from time to time to remove extra sediment build up. Accumulated sediment reduces the basin's volume to capture rainwater.
Do native plants look healthy? Are they being choked out by weeds?			Pull weeds out by the roots to prevent them from returning. If necessary, spot treat weeds with an herbicide such as Rodeo. Replant native plants if applicable. Native plants will help stabilize the pond's shoreline and take up excess nutrients.