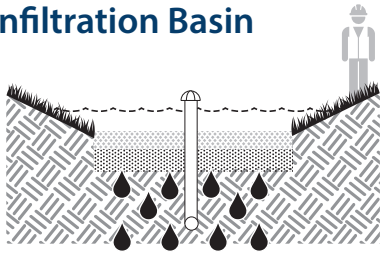


Stormwater Quality Maintenance Checklist

Post Construction Stormwater Best Management Practice (BMP) Maintenance

Infiltration Basin Maintenance

Infiltration Basin



Infiltration basins are shallow depressions that use vegetation and appropriate soil media to filter, infiltrate, and slow stormwater runoff. These basins allow stormwater to infiltrate into the underlying soil and use vegetation for filtering and removing sediment and various pollutants. Bypass or overflow outlets are used to prevent flooding from larger volumes of runoff. Regular maintenance is needed to ensure the designed water quality performance specific to each site.

Facility

Facility Name _____
Address _____

This Stormwater Quality (SWQ) Maintenance Checklist can be used as an alternate inspection document for renewing the annual SWQ Maintenance Permit (instead of a proprietary report from a maintenance service) and is to be completed, signed, and submitted to the City of Roseville for each permitted BMP on the facility site.

General

- Remove litter and loose debris in the infiltration basin, its inlet and bypass areas
- Inspect for and note any standing water pools which provide mosquito-breeding habitat (*any ponded areas should drain within 72 hours after the end of the rain event*)
- Inspect for and note any obstructions impeding stormwater flow through the basin
- Inspect for and note any channelization problem areas in basin
- Photograph each BMP to show current condition and submit with SWQ renewal documents

Erosion & Drainage

- Remove excessive sediment / debris buildup impeding the flow at the inlet or bypass areas
- Repair any eroded areas by adding appropriate media and replanting if needed
- Eliminate any standing water areas by regrading and/or replanting
- Remove excessive sedimentation / debris in the actual basin area
- Eliminate channelization areas in the basin by regrading, adding soil media and/or replanting

Vegetation

- Replant if vegetation covers less than 85% of the basin's area
- Irrigate during dry weather as needed (established plants usually do not require watering)
- Remove weeds, unwanted vegetation, and invasive plants
- Trim / remove diseased, dead, and/or excessive vegetation, and replant as needed
- Use integrated pest management (IPM) practices to eliminate use of pesticides and herbicides

Reconstruction

- Reconstruct entire infiltration basin if no longer functioning as designed

Inspection Signature

2019

By signing this document, I confirm that this stormwater quality BMP has been inspected and documented following the guidelines recommended on this self inspection form, and is in full and effective operating condition to the best of my knowledge.

Inspection Signature _____ Date _____