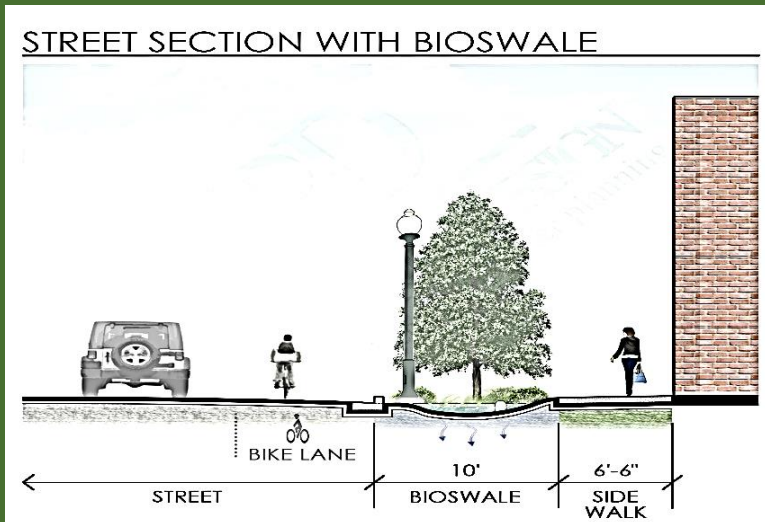


BIOSWALES or vegetated swales are a form of bioretention that are linear in design and used to capture and release runoff within cells formed by check dams or other structures. Through infiltration and settling of solids, a bioswale helps improve the quality of stormwater before it enters nearby streams.



Application

The bioswale is a vegetated, mulched or xeriscape channel that slows, infiltrates, and filters runoff, providing treatment and retention as it moves stormwater from one place to another. Due to its linear design, the bioswale is well suited adjacent to streets and parking lots. However, it is not suitable for steep slopes.



Additional Resources

Please see the links below for more information regarding the following:

[Bioswale Minimum Construction Standards](#)

[Recommended Plant List](#)

Fact Sheet:

Natural Resources Conservation Service: [Bioswales](#)

Maintenance:

[iSWM Technical Manual Bioretention 2.7 – Inspection and Maintenance Requirements](#)

The designer shall include detailed information on long-term maintenance activities, and in some cases the owner of the device shall enter into a maintenance agreement with the City.