

Label the Bioswale

Instructions: Bioswales are specially designed planted areas on New York City sidewalks. They collect stormwater that runs off streets and sidewalks when it rains. Identify the different parts of a bioswale and describe their function.



Describe Functions:

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Answer Key: Label the Bioswale

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Describe Functions:

- Tree: Reduces maintenance, increases infiltration through root growth, and increases capacity to retain water through evapotranspiration.
- Tree Guard: Protects tree and plants and prevents people from walking through.
- Curb Outlet: If the bioswale fills to capacity, an outlet allows overflow of water to flow downstream to the existing catch basin.
- Native Plants & Shrubs: Hardy native plants increase the capacity of the bioswale to retain water through evapotranspiration.
- Stone Buffer: Increases storage capacity of bioswale and helps facilitate infiltration.
- Curb Inlet: An inlet in the curb directs runoff into the planted swale.