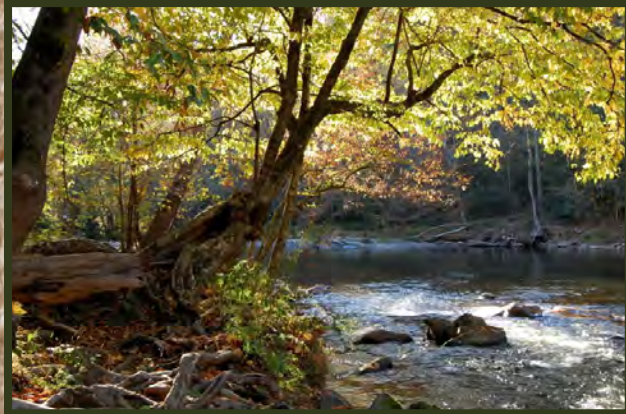
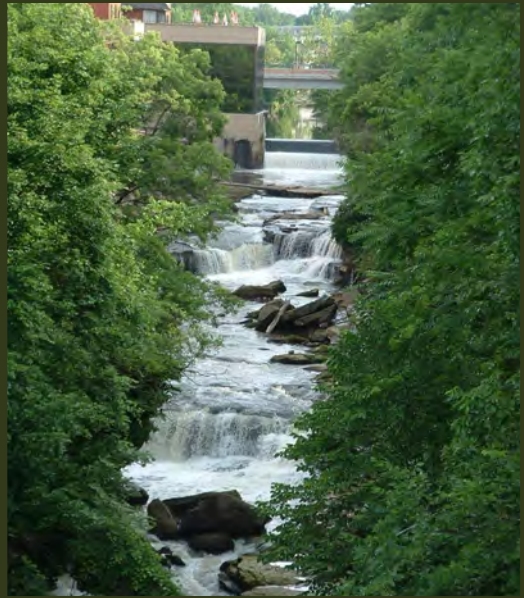


**Riparian Buffers Filter Runoff
And Provide Critical Wildlife Habitat**



▲ Riparian corridors surrounding streams filter out pollutants, keep sediments from entering the water, help prevent non-point source pollution and flooding, and provide vital travelling corridors for wildlife.

▲ Tree canopy over streams keeps the water cool and oxygen-rich, supporting an abundance of aquatic species.

**Trees Increase Property Values
And Save Money**



▲ Trees increase property values and curb appeal. A sugar maple whose trunk is 30 inches in diameter will provide \$94.00 in added value yearly.

▲ Trees reduce automobile fuel costs. Vehicles parked in shade use less fuel to cool down in summer and warm up in winter.

▲ Trees reduce watering expenses. Trees use less water than lawns and their shade can reduce the water needs of other landscape plants.

**Taking
Root**



**For
Clean
Water**



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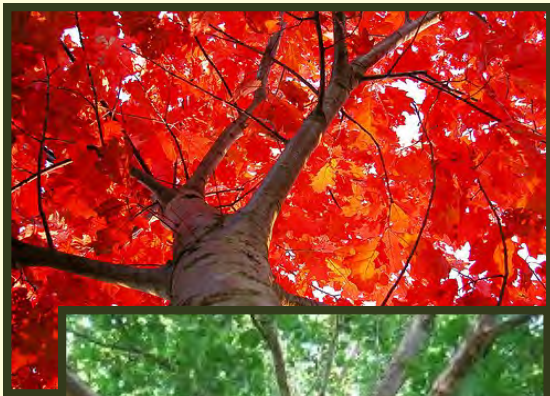


Trees Improve Stormwater Quality

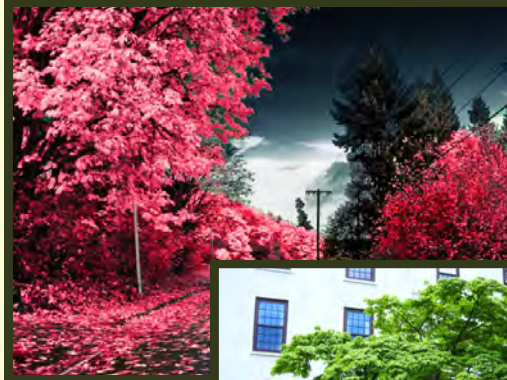
🌲 Trees act like sponges, filtering out pollutants and storing water in their root systems. A red oak with a 30 inch trunk diameter can filter and hold 4,700 gallons of stormwater annually.

🌲 Trees intercept and hold rain on leaves, branches, and bark. An American Sycamore with a 30 inch trunk diameter will divert 4,717 gallons of rainfall annually.

🌲 Tree roots anchor the soil in place, preventing erosion and keeping sediments out of the water.



Trees Provide Health And Safety Benefits



🌲 Tree-lined streets are likely to be used more for walking and other recreational activities, and this promotes healthy exercise.

🌲 Urban areas with trees are safer and more likely to help prevent crime. Trees lining streets reduce driving stress and accidents.

🌲 Hospital patients with views of greenery spend 8.5 fewer days in recovery.

Trees Reduce Air Pollution And Save Energy

🌲 Tree canopies slow down winds, reducing heat loss from buildings and improving energy efficiency, especially where there are many glass windows.

🌲 Trees improve air quality. A broadleaf deciduous tree with a 30 inch diameter will reduce atmospheric carbon by 1,406 pounds annually.

🌲 Trees provide shade in summer and prevent urban "heat islands." A 30 inch diameter sugar maple planted on the tree lawn can save 345 Kilowatt hours of energy annually.

