

Tree Planting BMP

Prevent Runoff from Landscape and Hardscape Areas

Overview

Planting trees reduces impervious surfaces and water runoff.

Trees also: screen conflicting issues, improve livability and health, reduce energy demand, express a community's historical and cultural identity, provide important water quality regulation, and provide water quality treatment benefits.

Siting

Trees have many requirements for planting to ensure they will grow well:

- About 3 feet soil depth
- 5 feet setback from most driveway wings, fire hydrants, utility poles, and water meter boxes
- 10 feet setback from water and fire utility lines
- 2 cubic feet of soil for every square foot of mature canopy

Maintenance

The amount of maintenance required depends on the species, the age of the tree, and the tree's location.

Cost

Tree planting material costs may include the tree, staking, and mulch. The cost of a tree varies with region and the caliper needed.

Labor costs should also be considered.

Tree removal is a future cost to keep in mind.

