

STORMWATER FACILITY TREES

Genus	Species	Common Name	Evergreen	Size	Light needs	Moisture preference	Street Tree	Pollution Resistant	Powerline Compat-ible	Use in stormwater solutions	Native Range	Visual Attraction/ food source	Shade Tree	Notes for use/Disease susceptibility	Chesapeake Bay Preservation Ordinance Size requirement (height or caliper)	Chesapeake Bay Preservation Ordinance Minimum Spread requirement (Feet)	Chesapeake Bay Preservation Ordinance Coverage (including native bonus)
Acer	rubrum	Red maple		Medium-Large	Full to partial sun	High				√	Local	Striking fall color	√	Can have issues with girdling roots. Prefers a wet environment. Limit use due to overplanting	2 - 2.5 Inch caliper	5 Ft.	312.5
Amelanchier	arborea	Downy serviceberry		Small-Medium	Partial sun to shade	High	√		√	√	Local	White flowers, edible fruit		Single-trunked for street trees. Tree can be susceptible to rust diseases and fire blight.	6-7 Ft. tall	3 Ft.	137.5
Amelanchier	canadensis	Shadblow serviceberry		Small-Medium	Partial sun to shade	Moderate	√		√	√	Local	White flowers, edible fruit		Single-trunked for street trees. Tree can be susceptible to rust diseases and fire blight.	6-7 Ft. tall	3 Ft.	137.5
Betula	nigra	River Birch		Medium	Full sun to shade	High	√	√		√	Local	Attractive bark	√	Single-trunked for street trees, multi-trunk in large plantings. Use sparingly, in wet areas with significant soil space	8-10 Ft tall	3 Ft.	218.75
Celtis	occidentalis	Common hackberry		Medium-Large	Full to partial sun	High	√	√		√	Local	Attractive bark	√		2 - 2.5 Inch caliper	5 Ft.	312.5
Cercis	canadensis	Eastern redbud		Small-Medium	Partial sun to shade	Low	√		√	√	Local	Purple flowers			>1 Inch caliper	3 Ft.	137.5
Chamaecyparis	thyoides	Atlantic whitecedar	√	Medium	Partial sun to shade	High				√	Region	Evergreen, striped bark			6-7 Ft. tall	3 Ft.	218.75
Chionanthus	virginicus	White fringetree		Small	Full to partial sun	Low	√		√	√	Local	White flowers		Susceptible to Emerald Ash Borer. Only use single-trunk as	6-7 Ft. tall	3 Ft.	62.5
Crataegus	phaenopyrum	Washington hawthorn		Small-Medium	Full sun to shade	Low	√		√	√	Local	White flowers		Tree can be susceptible to rust diseases and fire blight.	>1 Inch caliper	3 Ft.	137.5
Crataegus	viridis	Green hawthorn		Small-Medium	Partial sun to shade	Low	√	√	√	√	Local	White flowers, striking fall		Single-trunked for street trees. Tree can be susceptible to rust	>1 Inch caliper	3 Ft.	137.5
Diospyros	virginiana	Common persimmon		Medium	Full sun to shade	Low		√		√	Local	Edible Fruit, unusual black	√	Single-trunked for street trees, multi-trunk in large plantings.	>1 Inch caliper	3 Ft.	218.75
Ilex	opaca	American holly	√	Medium	Full to partial sun	High		√		√	Local	Attractive winter berries	√		6-7 Ft. tall	3 Ft.	218.75
Liquidambar	styraciflua	Sweetgum		Large	Full to partial sun	High	√			√	Local	Striking fall color	√	Provide significant root space for this tree. Limit use as street tree due to tendency to destroy pavement. Acceptable	2 - 2.5 Inch caliper	3 Ft.	393.75
Magnolia	virginiana	Sweetbay magnolia	√	Small-Medium	Full to partial sun	High	√		√	√	Local	White flowers		Semi-evergreen, depending on the local heat regime. Single	6-7 Ft. tall	3 Ft.	137.5
Nyssa	sylvatica	Black tupelo		Medium	Full to partial sun	High	√	√		√	Local	Striking fall color	√		1 3/4 - 2 Inch caliper	5 Ft.	218.75
Pinus	taeda	Loblolly pine	√	Large	Full sun	Low		√		√	Local	Evergreen	√		6-7 Ft. tall	3 Ft.	393.75
Platanus	occidentalis	American sycamore		Large	Full sun	Any		√		√	Local	Large leaves, interesting	√	Susceptible to anthracnose	2 - 2.5 Inch caliper	5 Ft.	393.75

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Quercus	bicolor	Swamp white oak		Medium-Large	Full to partial sun	High	√	√		√	Local	Attractive peeling bark, multi-colored	√		1 3/4 - 2 Inch caliper	5 Ft.	312.5
Quercus	nigra	Water oak		Large	Full to partial sun	High				√	Region	Evergreen	√		1 3/4 - 2 Inch caliper	5 Ft.	393-75
Quercus	palustris	Pin oak		Medium-Large	Full sun	High	√			√	Local	Even form, small acorns	√		2 - 2.5 Inch caliper	5 Ft.	312.5
Quercus	phellos	Willow oak		Medium-Large	Full sun	Any	√	√		√	Local	Thin, sun-filtering leaves	√		2 - 2.5 Inch caliper	5 Ft.	312.5
Rhus	copallina	Winged Sumac		Small	Full to partial sun	Low		√	√	√	Local	Striking fall color, large colored flower		Spreads readily, excellent for slope control along roads.	6-7 Ft. tall	3 Ft.	62.5
Salix	nigra	Black willow		Medium	Full to partial sun	High				√	Local	Slender leaves	√		2 - 2.5 Inch caliper	5 Ft.	218.75
Taxodium	distichum	Baldcypress		Medium-Large	Full sun	High	√	√		√	Region	Deciduous conifer	√	var. imbricarium or T. ascendens (pondcypress) is acceptable	2 - 2.5 Inch caliper	5 Ft.	312.5
Ulmus	americana	American elm		Large	Full sun	Any	√	√		√	Local	Attractive bark	√	Plant Dutch elm disease resistant cultivars only. 'Jefferson' and 'Valley Forge' have shown good resistance. 'Princeton' is not acceptable, due to poor resistance and form	2 - 2.5 Inch caliper	5 Ft.	393-75
Viburnum	prunifolium	Blackhaw viburnum		Small	Partial sun to shade	Low	√	√	√	√	Local	Striking fall color			6-7 Ft. tall	3 Ft.	62.5