

This list of pre-approved plant material is intended to offer a broad selection of available plant material suitable for the various required landscapes found in this Ordinance. Native plant material is preferred to ensure hardiness, adaptability and survivability. Plant material found on this pre-approved list can be utilized. When substitutions are proposed, they shall meet the requirements of this section and shall be suitable for their proposed purpose and location.

**STREET TREES, PARKING LOT, BUFFER, PERIMETER and SCREENING PLANTS**

**SHADE/CANOPY TREES** - Suitable for street trees or parking lots as well as for buffer and screens. (Minimum Mature Height - 30 feet or more)

<b><u>SCIENTIFIC NAME</u></b>	<b><u>COMMON NAME</u></b>
Acer rubrum	Red Maple (native)
Cladrastris lutea	Yellowwood (native)
Gleditsia triacanthos v. 'inermis'	Thornless Honeylocust (native)
Koelreuteria paniculata	Golden Rain Tree
Liquidambar styraciflua	Sweet Gum (native)
Var. 'Rotundiloba'	Var. 'Rotundiloba'
Nyssa sylvatica	Black Gum
Ostrya virginiana	American Hophornbeam
Platanus x acerifolia 'Bloodgood'	London Planetree 'Bloodgood'
Quercus bicolor	Swamp White Oak (native)
Quercus coccinea	Scarlet Oak (native)
Quercus imbricaria	Shingle Oak (native)
Quercus macrocarpa	Bur Oak
Quercus phellos	Willow Oak (native)
Quercus rubra	Northern Red Oak (native)
Tilia Americana	American Linden (native)
Tilia cordata	Little Leaf Linden
Tilia tomentosa	Silver Linden
Ulmus Americana 'Princeton'	American Elm 'Princeton'
Zelkova serrata	Japanese Zelkova

**SHADE/CANOPY TREES** - Suitable for property line buffers, perimeter plantings and other non-vehicular use areas. (Minimum Mature Height - 30 feet or more)

<b><u>SCIENTIFIC NAME</u></b>	<b><u>COMMON NAME</u></b>
Acer saccharinum	Silver Maple (native)
Acer saccharum	Sugar Maple (native)
Betula nigra	River Birch (native)
Fagus grandifolia	American Beech (native)
Fagus sylvatica	European Beech
Liriodendron tulipifera	Tuliptree (native)
Metasequoia glyptostroboides	Dawn Redwood
Ostrya virginiana	American Hophornbeam (native)

Platanus x acerifolia	London Planetree
Platanus occidentalis	Sycamore (native)
Quercus alba	White Oak (native)
Quercus coccinea	Scarlet Oak (native)
Quercus palustris	Pin Oak (native)
Quercus velutina	Black Oak (native)

**EVERGREEN TREES** - Suitable for property line buffers, perimeter plantings or site element screens. (Minimum Mature Height - 20 feet)

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>
Abies concolor	White Fir
Chamaecyparis obtusa	Hinoki Falsecypress
Chamaecyparis pisifera	Japanese Falsecypress
Chamaecyparis thyoides	Atlantic White Cedar (native)
Ilex opaca	American Holly (native)
Juniperus virginiana	Eastern Red Cedar (native)
Picea abies	Norway Spruce
Picea glauca	White Spruce (native)
Picea omorika	Serbian Spruce
Picea pungens	Colorado Blue Spruce
Pinus strobus	White Pine (native)
Pinus thunbergii	Japanese Black Pine
Pseudotsuga menziesii	Douglas Fir
Thuja sp.	Arborvitae (native)
X Cupressocyparis leylandii	Leyland Cypress

**ORNAMENTAL TREES** - Suitable as street trees beneath overhead utility lines and all other landscape situations. (Mature Height = 15-35 feet)

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>
Amelanchier canadensis	Shadblow Serviceberry (native)
Amelanchier laevis	Allegheny Serviceberry (native)
Carpinus caroliniana	Ironwood (native)
Cercis canadensis	Eastern Redbud (native)
Cercis siliquastrum	Judas-tree
Chionanthus virginicus	Fringetree (native)
Cornus florida	Flowering Dogwood (native)
Cornus kousa	Kousa Dogwood
Cornus mas	Corneliancherry Dogwood
Crataegus phaenopyrum	Washington Hawthorn
Crataegus viridis 'Winter King'	Winter King Hawthorn
Halesia tetraptera	Carolina Silverbell (native)
Koelreuteria paniculata	Golden Raintree
Magnolia x soulangiana	Saucer Magnolia
Magnolia virginiana	Sweetbay Magnolia (native)

Malus (cultivars)  
Prunus sargentii  
Prunus serrulata 'Kwanzan'  
Prunus x yedoensis  
Syringa reticulata

Crabapple  
Sargent Cherry  
Kwanzan Cherry (Japanese Cherry)  
Yoshino Cherry  
Japanese Tree Lilac

**LARGE DECIDUOUS SHRUBS** - Suitable for use in property line buffers, perimeter plantings or site element screening. (Minimum Mature Height – 15 feet or more)

**SCIENTIFIC NAME**

Aronia arbutifolia  
Calycanthus floridus  
Clethra alnifolia  
Cornus sericea  
Fothergilla major  
Ilex verticillata  
Lindera benzoin  
Myrica pennsylvanica  
Physocarpus opulifolius  
Spiraea nipponica  
Vaccinium corymbosum  
Viburnum dentatum  
Viburnum lentago  
Viburnum prunifolium  
Viburnum trilobum

**COMMON NAME**

Red Chokeberry (native)  
Sweetshrub (native)  
Summersweet (native)  
Redosier Dogwood (native)  
Large Fothergilla (native)  
Winterberry (native)  
Spicebush (native)  
Northern Bayberry (native)  
Common Ninebark (native)  
Snowmound Spirea  
Highbush Blueberry (native)  
Arrowwood Viburnum (native)  
Nannyberry Viburnum (native)  
Blackhaw Viburnum (native)  
American Cranberrybush Viburnum (native)

**DECIDUOUS/EVERGREEN SHRUBS** - Suitable for clipped hedges in property line buffers, perimeter plantings or site element screens. (Minimum Mature Height - 3.feet or more)

**SCIENTIFIC NAME**

Aronia arbutifolia  
Azalea - evergreen varieties:  
Cornus mas  
Cotoneaster salicifolius  
Ilex crenata  
Ilex glabra  
Juniperus chinensis cv.  
'Hetzii Glauca'  
Juniperus chinensis cv.  
'Pfitzeriana compacta'  
Viburnum dentatum  
Viburnum lentago  
Viburnum prunifolium  
Thuja occidentalis

**COMMON NAME**

Black Chokeberry (native)  
Azalea  
Corneliancherry Dogwood  
Willowleaf Cotoneaster  
Japanese Holly  
Inkberry (native)  
  
Hetz Blue Juniper (Chinese Juniper)  
  
Compact Pfitzer Juniper (Chinese Juniper)  
Arrowwood Viburnum (native)  
Nannyberry Viburnum (native)  
Blackhaw Viburnum (native)  
American Arborvitae (native)

**EVERGREEN SHRUBS** - Suitable for site element screens. (Minimum Mature Height – 4 feet)

**SCIENTIFIC NAME**

**COMMON NAME**

Ilex crenata	Japanese Holly
Ilex glabra	Inkberry (native)
Ilex x meserveae (varieties)	Meserve Hybrid Hollies
Juniperus chinensis ‘Hetzii Glauca’	Hetz Blue Juniper (Chinese Juniper)
Juniperus virginiana	Eastern Red Cedar (native)
Kalmia latifolia	Mountain Laurel (native)
Pieris floribunda	Mountain Pieris (native)
Pieris japonica	Japanese Pieris
Rhododendron sp.	Various Lg. Rhododendrons
Thuja sp.	Arborvitae
Viburnum rhytidophyllum	Leatherleaf Viburnum

**STORMWATER RETENTION/DETENTION BASIN PLANTS**

**CANOPY/SHADE TREES** - Suitable for stormwater retention/detention basin areas.

**SCIENTIFIC NAME**

**COMMON NAME**

+ Acer rubrum	Red Maple (native)
* Acer saccharinum	Silver Maple (native)
Betula lenta	Sweet Birch
* Betula nigra	River Birch (native)
Betula populifolia	Gray Birch
Carpinus caroliniana	American Hornbeam, Ironwood (native)
Carya cordiformis	Bitternut Hickory
Carya glabra	Pignut Hickory
Carya ovata	Shagbark Hickory
Celtis occidentalis	Common Hackberry (native)
Crataegus crusgalli	Cockspur Hawthorn
Diospyros virginiana	Common Persimmon
+ Liquidambar styraciflua	Sweet Gum (native)
Liriodendron tulipifera	Tulip Poplar (native)
* Nyssa sylvatica	Black Gum (native)
Oxydendrum arboreum	Sourwood
Platanus occidentalis	Sycamore (native)
Platanus x acerifolia	London Planetree
Populus deltoides	Eastern Cottonwood
Quercus alba	White Oak (native)
+ Quercus bicolor	Swamp White Oak (native)
Quercus coccinea	Scarlet Oak (native)
* Quercus phellos	Willow Oak (native)
* Quercus palustris	Pin Oak (native)
Quercus rubra	Northern Red Oak (native)

Taxodium distichum  
Tilia Americana

Bald Cypress  
American Basswood

+ Suitable for permanently wet areas

\*Suitable for usually well-drained areas that may be subject to occasional flooding

**DECIDUOUS/EVERGREEN ORNAMENTAL TREES** - Suitable for stormwater retention/detention basin areas.

**SCIENTIFIC NAME**

**COMMON NAME**

+ Acer rubrum	Red Maple (native)
Acer negundo	Boxelder
Amelanchier arborea	Downy Serviceberry
* Amelanchier canadensis	Shadblow Serviceberry (native)
* Betula nigra	River Birch (native)
Betula populifolia	Gray Birch
* Carpinus caroliniana	American Hornbeam, Ironwood (native)
Carya glabra	Sweet Pignut hickory
Carya ovata	Shag-bark Hickory
Cercis canadensis	Eastern Redbud
Chamaecyparis thyoides	Atlantic Whitecedar (native)
* Chionanthus virginicus	Fringetree (native)
Cornus florida	Flowering Dogwood (native)
Hamamelis virginiana	Witchhazel
Ilex opaca	American Holly (native)
Juniperus virginiana	Eastern Red Cedar (native)
Magnolia acuminata	Cucumbertree Magnolia
* Magnolia virginiana	Sweetbay (native)
Ostrya virginiana	American Hophornbeam (native)
Prunus maritima	Beach Plum
+ Salix caprea	Willow
+ Salix discolor	Pussy Willow (native)
Salix nigra	Black Willow
* Thuja occidentalis cv. 'Nigra'	Eastern Arborvitae (native)

+ Suitable for permanently wet areas

\*Suitable for usually well-drained areas that may be subject to occasional flooding

**DECIDUOUS/EVERGREEN SHRUBS** - Suitable for stormwater retention/detention basin areas.

**SCIENTIFIC NAME**

**COMMON NAME**

Alnus rugosa	Speckled Alder
Alnus serrulata	Smooth Alder (native)
+ Aronia arbutifolia	Red Chokeberry (native)
Aronia melanocarpa	Black Chokeberry (native)

* Calycanthus floridus	Sweetshrub (native)
Cephalanthus occidentalis	Common Buttonbush
+ Clethra alnifolia	Summersweet (native)
+ Cornus amomum	Silky Dogwood (native)
Cornus racemosa	Gray Dogwood (native)
+ Cornus sericea	Redosier Dogwood (native)
Corylus americana	American Hazelnut
Hydrangea arborescens	Smooth Hydrangea
Hypericum densiflorum	Dense St. Johnswort
Hypericum prolificum	Shrubby St. Johnswort
+ Ilex glabra	Inkberry (native)
+ Ilex verticillata	Winterberry (native)
Itea virginica	Virginia Sweetspire (native)
* Lindera benzoin	Spicebush (native)
+ Myrica pennsylvanica	Northern Bayberry (native)
Potentilla fruticosa	Cinquefoil
+ Rhododendron periclymenoides	Pinxterbloom Azalea (native)
+ Rhododendron viscosum	Swamp Azalea (native)
Rhus aromatica	Fragrant Sumac
Rhus glabra	Smooth Sumac
Rubus odoratus	Flowering Raspberry
Rosa palustris	Swamp Rose
Rubus allegheniensis	Common Blackberry
* Sambucus canadensis	American Elder, Elderberry (native)
Sambucus racemosa	Red Elder
Spiraea latifolia	Broad Leaved Meadowsweet
Symphoricarpos obiculatus	Coralberry
* Viburnum cassinoides	Witherod Viburnum (native)
* Viburnum dentatum	Arrowwood Viburnum (native)
* Viburnum lentago	Nannyberry Viburnum (native)
Viburnum nudum	Smooth Witherrod Viburnum
Viburnum prunifolium	Blackhaw Viburnum (native)
Viburnum trilobum	American Cranberrybush

+ Suitable for permanently wet areas

\*Suitable for usually well-drained areas that may be subject to occasional flooding

**HERBACEOUS PERENNIALS** - Suitable for stormwater retention/detention basin areas as well as other landscape situations.

**SCIENTIFIC NAME**

Achillea millefolium  
 Acorus americanus  
 Acorus calamus  
 Actaea pachypoda  
 Agastache foeniculum

**COMMON NAME**

Yarrow  
 Sweetflag  
 Sweetflag (native)  
 Doll's Eyes  
 Anise Hyssop

Agastache scrophulariifolia  
Alisma plantago-aquatica  
(subcordatum)  
Andropogon virginicus  
Aquilegia canadensis  
Arisaema triphyllum  
Asarum canadense  
Asclepias incarnata  
Asclepias tuberosa  
\* Aster novae-angliae  
Aster novi-belgii  
Baptisia minor  
Baptisia australis  
+ Caltha palustris  
+ Chelone glabra  
Chelone Iyonii  
\* Chrysanthemum leucanthemum  
Chrysogonum virginianum  
Coreopsis grandiflora  
Coreopsis verticillata  
Dianthus sp.  
Dicentra eximia  
+\* Eupatorium dubium  
+\* Eupatorium fistulosum  
Eupatorium maculatum  
Eupatorium perfoliatum  
\* Echinacea purpureum  
Filipendula rubra  
Gaillardia aristata  
Geranium maculatum  
Helenium autumnale  
\* Hemerocallis sp.  
Heuchera americana  
+ Hibiscus moscheutos  
+\* Iris pseudacorus  
+ Iris versicolor  
Leucanthemum maximum  
Lilium superbum  
Liatris microcephala  
Liatris spicata  
+\* Lobelia cardinalis  
+\* Lobelia siphilitica  
Mertensia virginica  
Mimulus ringens  
\* Monarda didyma  
Oenothera fruticosa

Giant Purple Hyssop  
Water Plantain  
Broomsedge (native grass)  
Wild Columbine (native)  
Jack-in-the-Pulpit  
Wild Ginger  
Swamp Milkweed (native)  
Butterflyweed (native)  
New England Aster (native)  
New York Aster (native)  
Dwarf Blue Indigo  
Wild Blue Indigo  
Marsh Marigold (native)  
White Turtlehead (native)  
Pink Turtlehead (native)  
Ox-Eye Daisy  
Green-and-Gold  
Golden Star  
Threadleaf Coreopsis  
Pinks  
Bleeding Heart  
Joe Pye Weed (native)  
Hollow Joe Pye Weed (native)  
Spotted Joe-Pye Weed  
Common Boneset  
Purple Cornflower (native)  
Queen of the Prairie (native)  
Blanket Flower  
Wild Geranium  
Sneezeweed  
Day Lily  
Alumroot  
Rose Mallow  
Yellow Iris  
Blue Flag (native)  
Shasta Daisy, Ox Eye Daisy  
Turk's Cap Lily (native)  
Appalachian Blazing Star  
Blazing Star (native)  
Cardinal Flower (native)  
Blue Lobelia (native)  
Virginia Bluebells  
Monkeyflower  
Bee Balm (native)  
Narrow-Leaved Sundrops

Oenothera perennis	Sundrops
+* Panicum virgatum	Switchgrass (native)
<i>Penstemon digitalis</i>	Beard-tongue
* Phalaris arundinacea	Reed Canarygrass (native)
Phlox divaricata	Woodland Blue Phlox
Phlox maculata	Phlox
Phlox paniculata	Summer Phlox
Physostegia virginiana	Obedient Plant
Podophyllum peltatum	Mayapple
Polemonium reptans	Jacob's Ladder
Pycnanthemum flexuosum	Appalachian Mountain Mint
Pycnanthemum muticum	Big Leaf Mountain Mint
* Rudbeckia sp. (native)	Black-Eyed Susan/Brown-Eyed Susan
Salvia sp.	Sage Species
Sanguinaria Canadensis	Bloodroot
+ Scirpus sp.	Bulrush Species (native)
Sedum sp.	Stonecrop Species
Silene regia	Fire Pink, Royal Catchfly
Silene virginica	Fire Pink
Solidago rugosa	Wrinkle-Leaf Goldenrod
+ Spartina alterniflora	Cordgrass (native)
Spiranthes cernua	Nodding Ladies' Tresses
Tiarella cordifolia	Foamflower
Tradescantia ohiensis	Spiderwort (native)
+ Typha angustifolia	Broad Leafed Ironweed
Vernonia lettermannii	Threadleaf ironweed
+* Vernonia noveboracensis	New York Ironweed (native)
Zizia aurea	Golden Alexanders

\*Suitable for usually well-drained areas that may be subject to occasional flooding  
+ Suitable for permanently wet areas

**HERBACEOUS EMERGENTS** - Suitable for stormwater retention/detention basin areas and other wet, natural areas.

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>
Distichlis spicata	Saltgrass
Dulichium arundinaceum	Three-Sided Sedge
Iris prismatica	Slender Blueflag
Iris virginica	Virginia Blue Flag
Juncus canadensis	Canada Rush
Juncus effusus	Soft Rush
Juncus tenuis	Path Rush
Justicia americana	American Water-Willow
Nuphar lutea	Spatterdock



Pontederia cordata  
Sagittaria latifolia  
Saururus cernuus  
Sparganium americanum

Pickeralweed  
Arrowhead  
Lizard's Tail  
American Bur- Reed

### **GENERAL**

**FERNS** - Suitable for all applicable landscape situations.

#### **SCIENTIFIC NAME**

Adiantum pedatum  
Athyrium filix-femina  
Dennstaedtia punctilobula  
Dryopteris marginalis  
Onoclea sensibilis  
Osmunda cinnamomea  
Osmunda claytoniana  
Osmunda regalis  
Polystichum achrostichoides  
Thelypteris noveboracensis

#### **COMMON NAME**

Maidenhair Fern  
Lady Fern  
Hay-Scented Fern  
Marginal Wood Fern  
Sensitive Fern  
Cinnamon Fern  
Interrupted Fern  
Royal Fern  
Christmas Fern  
New York Fern

**GRASSES** - Suitable for all applicable landscape situations.

#### **SCIENTIFIC NAME**

Andropogon gerardii  
Calamagrostis canadensis  
Carex species  
Carex crinita  
Carex lurida  
Carex pennsylvanica  
Carex scoparia  
Carex stricta  
Carex vulpinoidea  
Chasmanthium latifolium  
Danthonia spicata  
Elymus hystrix  
Elymus riparius  
Elymus virginicus  
Glyceria striata  
Leersia oryzoides  
Schizachyrium scoparium  
Sisyrinchium angustifolium  
Sorghastrum nutans

#### **COMMON NAME**

Big Bluestem  
Bluejoint Reedgrass  
Sedge  
Long Hair Sedge  
Sallow Sedge  
Pennsylvania Sedge  
Blunt broom sedge  
Tussock Sedge  
Fox Sedge  
Northern Sea Oats  
Poverty Oatgrass  
Bottlebrush Grass  
Riverbank Wild Rye  
Virginia Wild Rye  
Fowl mannagrass  
Rice Cutgrass  
Little Bluestem  
Blue Eyed grass  
Indiangrass

**GROUND COVER** - Suitable for all applicable landscape situations.

**SCIENTIFIC NAME**

Gaultheria procumbens  
 Mitchella repens  
 Pachysandra procumbens  
 Rhus aromatica ‘Gro Low’  
 Vaccinium macrocarpon

**COMMON NAME**

Wintergreen, Eastern Teaberry  
 Partridgeberry  
 Allegheny Spurge  
 Gro Low Sumac  
 Cranberry

**VINES** - Suitable for all applicable landscape situations.

**SCIENTIFIC NAME**

Aristolochia macrophylla  
 Bignonia capreolata  
 Campsis radicans  
 Celastrus scandens  
 Clematis virginiana  
 Lonicera sempervirens  
 Parthenocissus quinquefolia  
 Passiflora incarnata  
 Wisteria frutescens

**COMMON NAME**

Dutchman’s Pipe  
 Crossvine  
 Trumpet Vine  
 American Bittersweet  
 Virgin’s Bower  
 Trumpet Honeysuckle  
 Virginia Creeper  
 Passionflower  
 American Wisteria

**NOTES:**

1. Cultivars are acceptable upon approval of the Township’s Plant Expert (registered landscape architect, certified plant horticulturalist).
2. USDA Plant Hardiness Zone Map locates Warrington, PA in Zone 6b.
3. Plants should be selected in terms of mature size, maintenance issues, water and drought tolerance, light requirements, and commercial availability.

**REFERENCES:**

1. USDA/NRCS Plants Database: <http://plants.usda.gov> [cited April/May 2006].
2. Michael A. Dirr. Manual of Woody Landscape Plants, Fifth Edition. Stipes Publishing L.L.C., Chicago, Ill., Revised 1998.
3. Slattery, B.E., Reshetiloff, K., and Zwicker, S.M. Native Plants for Wildlife Habitat & Conservation Landscaping. Annapolis, MD: U.S. Fish and Wildlife Service, 2005.
4. Gary L. Hightshoe. Native Trees, Shrubs, and Vines for Urban and Rural America. Wiley, 1987.
5. Bowman’s Hill Wildflower Preserve, New Hope, Pa.
6. Philadelphia Stormwater Manual v2.0, revised April 2011 or most current edition.
7. Pennsylvania Stormwater Best Management Practices Manual, December 2006 or most current edition.