

## Appendix A Planting List

### Category 1A: Stormwater Detention/Retention and Bioswale Facilities (center)

<i>Scientific Name</i>	<b>Common Name</b>	<b>Indicator Status</b>	<b>Reasoning</b>
<i>Agrostis gigantea</i>	redtop	FAC	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Andropogon virginicus</i>	broomsedge bluestem	FACU	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Carex lurida</i>	shallow sedge	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full to part sun</li> <li>• Tolerant of mowing</li> </ul>
<i>Echinichloa muricata</i>	barnyard-grass	FACW	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Juncus tenuis</i>	path rush	FAC-	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Panicum virgatum</i>	panic grass/ switchgrass	FAC	<ul style="list-style-type: none"> <li>• Grows in full to part sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>

### Category 1B: Stormwater Detention/Retention and Bioswale Facilities (edge and slope)

<i>Scientific Name</i>	<b>Common Name</b>	<b>Indicator Status</b>	<b>Reasoning</b>
<i>Asclepias tuberosa</i>	butterfly-weed	NL	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Attracts insects, aesthetically pleasing</li> </ul>
<i>Aster novae-angliae</i>	New England aster	FAC	<ul style="list-style-type: none"> <li>• Attracts insects, aesthetically pleasing</li> <li>• Grows in full sun to part shade</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Elymus canadensis</i>	Canada wildrye	FACU+	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Schizachyrium scoparium</i>	little bluestem	FACU-	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of poor, dry soils</li> </ul>
<i>Symphotrichum ericoides</i> ( <i>Aster ericoides</i> )	heath aster	FACU	<ul style="list-style-type: none"> <li>• Attracts insects, aesthetically pleasing</li> <li>• Grows in full sun</li> </ul>

**Category 2: Riparian Buffer**

<i>Scientific Name</i>	<b>Common Name</b>	<b>Indicator Status</b>	<b>Reasoning</b>
<i>Acer rubrum</i>	red maple	FAC	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Tolerant of drought/heat/poor soil</li> </ul>
<i>Amelanchier canadensis</i>	serviceberry	FAC	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• May need protection from deer browse</li> </ul>
<i>Aronia arbutifolia</i>	red chokeberry	FACW	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Aronia melanocarpa</i>	black chokeberry	FAC	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Asimina triloba</i>	pawpaw	FACU+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Carpinus caroliniana</i>	hornbeam/ ironwood	FAC	<ul style="list-style-type: none"> <li>• Grows in shade</li> <li>• Good for slope edges of floodplain</li> </ul>
<i>Clethra alnifolia</i>	sweet pepperbush	FAC+	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Diospyrus virginiana</i>	persimmon	FAC-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Ilex opaca</i>	American holly	FACU*	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Grows in alluvial soils</li> </ul>
<i>Platanus occidentalis</i>	sycamore	FACW-	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Quercus bicolor</i>	swamp white oak	FACW+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Quercus palustris</i>	pin oak	FACW	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>
<i>Salix nigra</i>	black willow	FACW+	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Stabilizes slopes</li> <li>• Tolerant of flood/drought/heat/compaction</li> </ul>

\* can function as FAC depending on growing conditions before planting

**Category 3: Upland/ Reforestation**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Indicator Status</b>	<b>Reasoning</b>
<i>Asimina triloba</i>	pawpaw	FACU+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Betula nigra</i>	river birch	FACW	<ul style="list-style-type: none"> <li>• Good for lowland borders</li> <li>• Grows in full sun</li> <li>• Tolerant of drought/heat/compaction</li> </ul>
<i>Carya cordiformis</i>	bitternut hickory	FACU+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Carya ovata</i>	shagbark hickory	FACU+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of drought/heat/compaction</li> </ul>
<i>Cercis canadensis</i>	eastern redbud	FACU-	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of drought/heat</li> </ul>
<i>Cornus florida</i>	flowering dogwood	FACU-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Can grow in poor soils</li> </ul>
<i>Fraxinus pennsylvanica</i>	green ash	FACW	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Ilex opaca</i>	American holly	FACU*	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Grows in alluvial soils</li> </ul>
<i>Kalmia latifolia</i>	mountain laurel	FACU	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/compaction</li> </ul>
<i>Lindera benzoin</i>	spicebush	FACW-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/compaction</li> </ul>
<i>Liquidambar styraciflua</i>	sweet gum	FAC	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Platanus occidentalis</i>	sycamore	FACW-	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Quercus phellos</i>	willow oak	FACU-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of salt/flood/drought/heat/ compaction</li> <li>• PA-endangered species</li> </ul>
<i>Quercus rubra</i>	red oak	FACU-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun</li> <li>• Tolerant of drought/pollution/heat/ compaction</li> </ul>
<i>Tilia americana</i>	basswood	FACU	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> </ul>
<i>Viburnum acerifolium</i>	maple-leaf viburnum	UPL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to shade</li> <li>• Tolerant of drought/heat/compaction</li> </ul>
<i>Viburnum dentatum</i>	arrowwood	FAC	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>

**Category 4: Wetland (PEM/PSS)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Indicator Status</b>	<b>Reasoning</b>
<i>Aronia arbutifolia</i>	red chokeberry	FACW	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Asclepias incarnate</i>	swamp milkweed	OBL	<ul style="list-style-type: none"> <li>• Attracts insects, aesthetically pleasing</li> <li>• Grows in full sun to part shade</li> </ul>
<i>Aster novae-angeliae</i>	New England aster	FAC	<ul style="list-style-type: none"> <li>• Attracts insects, aesthetically pleasing</li> <li>• Grows in full sun to part shade</li> <li>• Stabilizes slopes</li> <li>• Tolerant of mowing</li> </ul>
<i>Carex lurida</i>	shallow sedge	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full to part sun</li> <li>• Tolerant of mowing</li> </ul>
<i>Carex stricta</i>	tussock sedge	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> </ul>
<i>Clethra alnifolia</i>	sweet pepperbush	FAC+	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Epilobium coleratum</i>	purple-leaf willowherb	FACW+	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> </ul>
<i>Ilex verticillata</i>	winterberry	FACW+	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Iris versicolor</i>	blueflag iris	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun</li> </ul>
<i>Itea virginica</i>	Virginia sweetspire	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in sun to part shade</li> <li>• Tolerant of flood/drought</li> <li>• Stabilizes slopes</li> </ul>
<i>Juncus effusus</i>	soft rush	FACW+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> </ul>
<i>Onoclea sensibilis</i>	sensitive fern	FACW	<ul style="list-style-type: none"> <li>• Grows in full sun to shade</li> </ul>
<i>Pontederia cordata</i>	pickerel-weed	OBL	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun</li> </ul>
<i>Rhododendron viscosum</i>	swamp azalea	FACW+	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Scirpus cyperinus</i>	woolgrass	FACW+	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun</li> </ul>
<i>Spirea tomentosa</i>	steeplebush	FACW-	<ul style="list-style-type: none"> <li>• Grows in full sun</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Vaccinium angustifolium</i>	lowbush blueberry	FACU-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in sun to part shade</li> <li>• Tolerant of flood/drought/heat</li> </ul>
<i>Vaccinium corymbosum</i>	highbush blueberry	FACW-	<ul style="list-style-type: none"> <li>• Wildlife food source</li> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>
<i>Verbena hastata</i>	blue vervain	FACW+	<ul style="list-style-type: none"> <li>• Attracts insects, aesthetically pleasing</li> <li>• Grows in full sun</li> </ul>
<i>Viburnum dentatum</i>	arrowwood	FAC	<ul style="list-style-type: none"> <li>• Grows in full sun to part shade</li> <li>• Tolerant of flood/drought/heat/ compaction</li> </ul>