


**Bioretention Plant Palette**

Code	Botanical Name	Common Name	Type	Native	Height	Width	Comments / Restrictions
ac	Acorus calamus 'variegatus'	Sweet Flag	Grass		60 cm	60 cm	Green creamy yellow foliage - can survive in very wet conditions
an	Anemone canadensis	Canada Anemone	Per	Native	50 cm	50 cm	Hardy native plant - star white flowers in spring - really locks up an area
cam	Carex muskingumensis	Palm Sedge	Grass	Native	60 cm	60 cm	Attractive chartreuse leaves - exotic looking foliage - plant en mass
cmd	Carex morrowii 'Ice Dance'	Ice Dance Sedge	Grass		30 cm	60 cm	Wide dark green leaves with boldly margined white - clump forming and tough - plant en mass for full effect
cp	Carex pensylvanica	Oak Sedge	Grass	Native	30 cm	45 cm	Fast spreading - low turf like appearance - plant en mass
ed	Eupatorium dubium 'Little Joe'	Little Joe Pye Weed	Per		120 cm	90 cm	Dwarf cultivar with rose purple hug blooms - leave blooms on for winter interest <b>Restrictions:</b> Do not plant near ESAs to ensure no impact on native genetics of Eupatorium maculatum
epb	Eupatorium perfoliatum	Boneset	Per	Native	125 cm	90 cm	White topped flowers with purple tinge - very hardy for very wet areas
fr	Filipendula rubra 'Queen of the Prairie'	Queen of the Prairie	Per		120 cm	100 cm	Stunning pink flowers - suitable for the back of the border - will naturalize in very wet locations
hs	Hemerocallis spp	Daylilies	Per		50 - 100 cm	50 - 100 cm	Dozens of varieties - hardy and can be planted in most conditions - good contrast plant - plant en mass <b>Restrictions:</b> Invasive potential. Do not plant directly adjacent to ravine or natural area
iv	Ilex verticillata 'Berry Poppins'	Berry Poppins Winterberry	Shrub		125 cm	125 cm	Excellent winter interest - show stopping bright red winter berries - great seasonal interest - Plant 1 male (Mr. Poppins) for every 5 - 7 females
mg	Myrica gale	Sweet Gale	Shrub	Native	125 cm	100 cm	Hardy native plant - thrives in wet conditions - has nitrogen fixing qualities
pa	Pennisetum alopecuroides 'Cassian'	Cassian Fountain Grass	Shurb		60 cm	45cm	Dwarf cultivar - bright green foliage with hints of red and orange in Autumn
pvs	Panicum vergatum 'Shenandoah'	Shenandoah Switch Grass	Grass		125 cm	90 cm	Cascading form and blades are tipped with red in Autumn - flowers tinged with pink

**BIORETENTION PLANT PALETTE NOTES:**

1. THESE PLANTS ARE TYPICALLY PLANTED IN AREAS THAT ARE REGULARLY INUNDATED WITH WATER AND NEED TO WITHSTAND EXTENDED WET AND DRY PERIODS ON A REGULAR BASIS.
2. THESE ARE HARDY PLANTS WITH GOOD SALT TOLERANCE AND ARE ABLE TO WITHSTAND FLUCTUATING WATER CYCLES.

	ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING		REV 0	SEP 2021	
	<b>PLANTING DETAILS</b> RECOMMENDED PLANT LIST BIORETENTION PLANT PALETTE			<b>T-850.026-8</b>	
				NTS	SHEET 1