RECOMMENDED PLANT LIST

Photo credit: Rain Garden Alliance

PLANT INFORMATION

DESCRIPTION

Plants used in stormwater control measures should be carefully considered depending on several factors: water requirements or tolerance, sun exposure, tolerance for drought, sandy soil adaptability, and salt tolerance.

BENEFITS

1. Additional water uptake through evapotranspiration.
2. Filtering of environmental contaminants.
3. Aesthetically pleasing additional to the landscape.
4. Once established, minimal maintenance required.

DESIGN CONSIDERATIONS

1. Choose plants depending on the estimated amount of water they will receive. (e.g. will they be in standing water)
2. The use of native plants is suggested to reduce maintenance as they are better adapted to soils and environmental conditions.
3. Choose a variety of plants instead of just one or two species.

SIZING CALCULATIONS

1. Refer to the Fact Sheet for your desired storm water control measure for suggested plant density.
2. As a rule of thumb, most wetland (plants that are ok with standing water) are best planted in plugs. These are economical are come in flats.
3. 1 Gallon size is standard for most perennials; 1 or 3 Gal shrubs;
4. If you plant trees greater than or equal to 2" caliper, you can receive a reduction in built upon area. (Caliper is always measured six inches above ground or soil level for trees less than 4.5" caliper)

If you have additional plants
you would like to use,
Please contact the Town for
approval before installation.

TREES (Zone 3)
Serviceberry *Amelanchier spp.*
Red Maple *Acer rubrum*
Bald Cypress *Taxiodium distichum* (standing water tolerant) (large)
E Red Cedar *Juniperus virginiana* (sheltered, semi shaded location)(large)

SHRUBS/GRASSES(Zone 3)
American beautyberry (*Callicarpa americana)*
Coastal sweetpepperbush (*Clethra alnifolia)*
Wax myrtle (*Morella cerifera)*
Virginia sweetspire (*Itea virginica)*
Inkberry (*Ilex glabra)*
Slender wood oats (*Chasmanthium laxum)*
Switchgrass (*Panicum virgatum)*
Curlyleaf Yucca (*Yucca filamentosa)*
Muhly grass (*Muhlenbergia)*
Little bluestem (*Schizachyrium scoparium)*

PERENNIALS (Zone 2)
Lance leaved coreopsis (*Coreopsis lanceola)*
Swamp milkweed (*Asclepias incarnata)*
Wild blue indigo (*Baptisia australis)*
Lanceleaf tickseed (*Coreopsis lanceolate)*
Cinnamon fern (*Osmunda cinnamomea)* (semi shaded)
Swamp Sunflower (*Helianthus angustifolius)*
Blanket Flower (Gaillardia pulchella)
Seaside goldebrod (Solidago sempervirens)

WETLAND PLANTS (standing water tolerant) (Zone 1)
Blue flag Iris (*Iris versicolor)*
Mallow (*Kosteletzkya virginica)*
American sweet flag (*Acorus americanus)*
Pickerel weed (*Pontederia cordata)*

STRONG + STURDY PLANTS TO
WITHSTAND FORCE OF WATER

ZONE 3   ZONE 3

ZONE 2

ZONE 1

Original developed by Seattle Public Utilities;
Modified by LID Studio

Source: Anne Guillette, Low Impact Design Studio