

Stormwater Facility Plant & Tree Lists

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Table 1. Plant List for Public ROW Stormwater Planters

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	O.C. Triangular Spacing
Herbaceous Plants	<i>Carex morrowii</i> 'Ice Dance'	Ice Dance Japanese Sedge	A/B	N	N	1'	1'
	<i>Carex obnupta</i>	Slough Sedge	B	Y	Y	4'	1'
	<i>Juncus patens</i>	Spreading Rush	B	Y	Y	3'	1'
	<i>Liriope muscari</i> 'Big Blue'	Big Blue Lilyturf	A/B	N	Y	2.5'	1'
	<i>Camassia leichtlinii</i>	Great Camas	A/B	Y	N	3'	NA
	<i>Camassia quamash</i>	Common Camas	A/B	Y	N	2.5'	NA
	<i>Iris douglasiana</i>	Douglas Iris	B	Y	Y	1.5'	NA
Shrubs	<i>Lavandula angustifolia</i> 'Hidcote Blue'	Hidcote Blue English Lavender	B	N	Y	2-3'	2'
	<i>Mahonia repens</i>	Creeping Oregon Grape	A/B	Y	Y	2.5'	2'
	<i>Mahonia aquifolium</i>	Oregon Grape	A/B	Y	Y	7'	2'
	<i>Nandina domestica</i> 'Nana'	Dwarf Heavenly Bamboo	B	N	Y	1.5'	2'
	<i>Salix purpurea</i> 'Nana'	Dwarf Alaska Blue Willow	A/B	N	N	5'	3'
	<i>Spiraea japonica</i>	Japanese Spirea varieties	A/B	N	N	3'	2'

*Zone A = wet, Zone B = dry

Note: The minimum size for all plants is a #1 container.

Table 2. Tree List for Public ROW Stormwater Planters and Stormwater Tree Wells

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	Under Powerlines	Min. Facility Width
Trees	<i>Acer rubrum</i> 'Franks Red'	Red Sunset Maple	A/B	N	N	50'	N	4'
	<i>Acer campestre</i>	Hedge Maple	A/B	N	N	35'	Y	4'
	<i>Nyssa sylvatica</i>	Black Tupelo	A/B	N	N	50'	N	4'
	<i>Quercus bimundorum</i> 'Crimschmidt'	Crimson Spire Oak	A/B	N	N	45'	N	4'
	<i>Quercus frainetto</i> 'Schmidt'	Forest Green Oak	B	N	N	50'	N	4'
	<i>Quercus coccinea</i>	Scarlet Oak	A/B	N	N	50'	N	6'
	<i>Quercus shumardii</i>	Shumard Oak	A/B	N	N	50'	N	6'
	<i>Zelkova serrata</i> 'City Sprite'	City Sprite Zelkova	A/B	N	N	45'	Y	3'
	<i>Zelkova serrata</i> 'Musashino'	Musashino Zelkova	A/B	N	N	45'	N	4'

*Zone A = wet, Zone B = dry

Notes:

- The preferred size for balled and burlap (B&B) trees is 1.5-2" caliper.
- Tree species that are not included on this list may be proposed and approved by City staff.

Table 3. Plant List for Public Ponds/Centralized Facilities

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	O.C. Triangular Spacing
Herbaceous Plants	<i>Alisma triviale</i>	Northern Water Plantain	A	Y	N	2'	1.5'
	<i>Carex obnupta</i>	Slough Sedge	A	Y	Y	4'	1.5'
	<i>Eleocharis palustris</i>	Creeping Spike Rush	A	Y	Y	3'	1.5'
	<i>Juncus patens</i>	Spreading Rush	A	Y	Y	3'	1.5'
	<i>Juncus ensifolius</i>	Dagger-leaf Rush	A	Y	Y	2'	1.5'
	<i>Sagittaria latifolia</i>	Wapato	A	Y	N	2'	1.5'
	<i>Schoenoplectus acutus</i>	Hardstem Bulrush	A	Y	N	12'	1.5'

*Zone A = wet, Zone B = dry

Note: The minimum size for all plants is a #1 container

Table 4. Tree List for Public Ponds/Centralized Facilities

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height
Trees	<i>Acer macrophyllum</i>	Big Leaf Maple	A/B	Y	N	50'
	<i>Acer circinatum</i>	Vine Maple	A/B	Y	N	20'
	<i>Acer rubrum</i>	Red Maple	B	N	N	60'
	<i>Alnus rubra</i>	Red Alder	B	Y	N	50'
	<i>Frangula purshiana</i>	Cascara	B	Y	N	50'
	<i>Nyssa Sylvatica</i>	Black Tupelo	A/B	N	N	50'
	<i>Quercus garryana</i>	Oregon White Oak	B	Y	N	100'

*Zone A = wet, Zone B = dry

Notes:

- The preferred size for balled and burlap (B&B) trees is 1.5-2" caliper.
- Tree species that are not included on this list may be proposed and approved by City staff.

Table 5. Plant List for Private Stormwater Facilities

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	O.C. Triangular Spacing
Herbaceous Plants	<i>Alisma triviale</i>	Northern Water Plantain	A	Y	N	2'	1.5'
	<i>Arctostaphylos uva-ursi</i>	Kinnickinnick	B	Y	Y	0.5'	1'
	<i>Aster suspicatus</i>	Douglas Aster	A/B	Y	N	3'	1'
	<i>Athyrium filix-femina</i>	Lady Fern	B	Y	N	3'	2'
	<i>Blechnum spicant</i>	Deer Fern	B	Y	Y	2'	2'
	<i>Camassia liechtlinii</i>	Camas Lily	A/B	Y	N	2'	1'
	<i>Camassia quamash</i>	Common Camas	A/B	Y	N	2'	1'
	<i>Carex densa</i>	Dense Sedge	A	Y	Y	2'	1'
	<i>Carex deweyana</i>	Dewey Sedge	A	Y	Y	2'	1'
	<i>Carex glauca</i>	Blue Sedge	A	N	Y	2'	1'
	<i>Carex morrowii</i>	Ice Dance Sedge	A/B	N	Y	4'	1'
	<i>Carex obnupta</i>	Slough Sedge	A	Y	Y	4'	1.5'
	<i>Carex rupestris</i>	Curly Sedge	A	Y	N	1.5'	1'
	<i>Carex stipata</i>	Sawbeak Sedge	A	Y	N	1.5'	1'
	<i>Carex vesicaria</i>	Inflated Sedge	A	Y	N	3'	1'
	<i>Deschampsia cespitosa</i>	Tufted Hairgrass	A/B	Y	N	3'	1'
	<i>Eleocharis ovata</i>	Ovate Spikerush	A	Y	Y	2.5'	1'
	<i>Eleocharis palustris</i>	Creeping Spike Rush	A	Y	Y	3'	1.5'
	<i>Fragaria chiloensis</i>	Coastal Strawberry	B	Y	Y	0.5'	1'
	<i>Fragaria vesca</i>	Woodland Strawberry	A/B	Y	Y	1'	1'
	<i>Fragaria virginiana</i>	Wild Strawberry	A/B	Y	Y	1'	1'
	<i>Gaultheria shallon</i>	Salal	A/B	Y	Y	2'	2'
	<i>Hebe 'Autumn Glory'</i>	Hebe	B	N	Y	1.5'	1'
	<i>Iris douglasiana</i>	Douglas Iris	B	Y	Y	1.5'	1'

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	O.C. Triangular Spacing
Herbaceous Plants	<i>Iris sibirica</i>	Siberian Iris	A/B	N	N	3'	1'
	<i>Iris tenax</i>	Oregon Iris	B	Y	Y	1.5'	1'
	<i>Juncus balticus</i>	Baltic Rush	A	Y	Y	2'	1'
	<i>Juncus ensifolius</i>	Dagger-leaf Rush	A	Y	Y	1'	1'
	<i>Juncus patens</i>	Spreading Rush	A	Y	Y	3'	1.5'
	<i>Liriope muscari</i>	Big Blue Lilyturf	A/B	N	Y	2'	1'
	<i>Lupinus micranthus</i>	Small Flowered Lupine	B	Y	N	1.5'	1'
	<i>Sagittaria latifolia</i>	Wapato	A	Y	N	2'	1.5'
	<i>Schoenoplectus acutus</i>	Hardstem Bulrush	A	Y	N	12'	1.5'
	<i>Scirpus microcarpus</i>	Small-fruited Bulrush	A	Y	Y	2'	1'
Shrubs	<i>Amelanchier alnifolia</i>	Western Serviceberry	B	Y	N	20'	10'
	<i>Ceanothus sanguineus</i>	Redstem ceanothus	A/B	Y	N	7'	3'
	<i>Ceanothus velutinus</i>	Snowbrush	B	Y	Y	6'	3'
	<i>Cornus nuttallii</i>	Pacific Dogwood	A/B	Y	N	20'	10'
	<i>Cornus sericea 'Kelseyii'</i>	Kelsey Dogwood	B	N	N	2'	1.5'
	<i>Cornus sericea</i>	Red Twig Dogwood	A/B	Y	N	6'	4'
	<i>Holodiscus discolor</i>	Oceanspray	A/B	Y	N	6'	2'
	<i>Lonicera involucrata</i>	Black Twinberry	B	Y	N	5'	3'
	<i>Lupinus polyphyllus</i>	Large-leaved Lupine	A/B	Y	N	3'	2'
	<i>Mahonia aquifolium</i>	Oregon Grape	B	Y	Y	7'	2'
	<i>Mahonia nervosa</i>	Dull Oregon Grape	B	Y	Y	2'	2'
	<i>Mahonia repens</i>	Creeping Oregon Grape	B	Y	Y	1'	1'
	<i>Philadelphus lewisii</i>	Mock Orange	B	Y	N	6'	4'
	<i>Physocarpus capitatus</i>	Pacific Ninebark	A/B	Y	N	10'	3'

	Botanical Name	Common Name	Zone*	NW Native	Evergreen	Potential Height	O.C. Triangular Spacing
Shrubs	<i>Ribes sanguineum</i>	Red Flowering Currant	A/B	Y	N	8'	4'
	<i>Rosa nutkana</i>	Nootka Rose	A/B	N	Y	1.5'	2'
	<i>Rubus parviflorus</i>	Thimbleberry	B	Y	N	8'	4'
	<i>Rubus spectabilis</i>	Salmonberry	A/B	Y	N	10'	4'
	<i>Salix purpurea 'Nana'</i>	Dwarf Alaska Blue Willow	A/B	N	N	5'	3'
	<i>Salix sitchensis</i>	Sitka Willow	A	Y	N	20'	6'
	<i>Sambucus cerulea</i>	Blue Elderberry	B	Y	N	10'	10'
	<i>Sambucus racemosa</i>	Red Elderberry	B	Y	N	10'	10'
	<i>Spiraea bumalda</i>	Anthony Waterer	B	N	N	2'	2'
	<i>Spiraea douglasii</i>	Douglas spirea	A/B	Y	N	7'	4'
	<i>Symphoricarpus alba</i>	Snowberry	A/B	Y	N	3'	3'
	<i>Taxodium distichum</i>	Bald Cypress	A/B	N	N	55'	20'
	<i>Viburnum edule</i>	Highbush Cranberry	A	Y	N	6'	4'

*Zone A = wet, Zone B = dry

Note: The minimum size for all plants is a #1 container

Table 6. Plant List for Ecoroofs

	Botanical Name	Common Name	NW Native	Evergreen	Potential Height
Succulents	<i>Delosperma cooperi</i>	Ice Plant	N	E	4"
	<i>Delosperma nubigenum</i>	Ice Plant	N	E	2"
	<i>Sedum acre</i>	Biting Stonecrop	N	E	2"
	<i>Sedum album</i>	White Stonecrop	N	E	3"
	<i>Sedum divergens</i>	Pacific Stonecrop	Y	E	3"
	<i>Sedum hispanicum</i>	Spanish Stonecrop	N	E	3"
	<i>Sedum kamtschaticum</i>	Kirin-so	N	D	6"
	<i>Sedum lanceolatum</i>	Lance-leaved Stonecrop	Y	D	4"
	<i>Sedum oreganum</i>	Oregon Stonecrop	Y	E	4"
	<i>Sedum oregonense</i>	Creamy Stonecrop	Y	E	4"
	<i>Sedum rupestre</i>	Crooked Stonecrop	N	E	6"
	<i>Sedum sexangulare</i>	Tasteless Stonecrop	N	E	4"
	<i>Sedum spathulifolium</i>	Broad-leaved Stonecrop	Y	E	4"
	<i>Sedum spurium</i>	Two-row Stonecrop	N	E	6"
	<i>Sedum takesimense</i>	Gold Carpet Stonecrop	N	E	9"
	<i>Sedum telephium</i>	Autumn Joy	N	D	24"
	<i>Sempervivum tectorum</i>	Hens and Chicks	N	E	6"
Herbaceous	<i>Achillea millefolium</i>	Common Yarrow	Y	D	36"
	<i>Allium acuminatum</i>	Hooker's Onion	Y	D	6"
	<i>Allium cernuum</i>	Nodding Onion	Y	D	12"
	<i>Antennaria neglecta</i>	Field Pussytoes	Y	D	4"
	<i>Arenaria montana</i>	Sandwort	N	D	4"

	Botanical Name	Common Name	NW Native	Evergreen	Potential Height
Herbaceous Plants	<i>Aurinia saxatilis</i>	Basket-of-Gold	N	D	6"
	<i>Campanula rotundifolia</i>	Common Harebell	Y	D	8"
	<i>Dianthus spp.</i>	Dianthus	N	D	12"
	<i>Erigeron compositus</i>	Fleabane	N	D	12"
	<i>Erigeron glaucus</i>	Beach Aster	Y	D	6"
	<i>Fragaria chiloensis</i>	Coastal Strawberry	Y	E	6"
	<i>Fragaria virginiana</i>	Wild Strawberry	Y	E	6"
	<i>Gaillardia aristata</i>	Blanket Flower	N	D	20"
	<i>Gazania linearis</i>	Gazania	N	D	6"
	<i>Koeleria macrantha</i>	Junegrass	Y	D	24"
	<i>Lobularia maritima</i>	Sweet Alyssum	N	D	12"
	<i>Phlox douglasii</i>	Tufted Phlox	Y	D	4"
	<i>Polypodium glycyrrhiza</i>	Licorice Fern	Y	E	12"
	<i>Polystichum munitum</i>	Sword Fern	Y	E	24"
	<i>Potentilla nepalensis</i>	Nepal Cinquefoil	N	D	14"
	<i>Potentilla neumanniana</i>	Cinquefoil	N	D	14"
	<i>Prunella vulgaris</i>	lanceolata Self-Heal	Y	D	4"
	<i>Silene acaulis</i>	Moss Champion	Y	D	3"
	<i>Thymus serpyllum</i>	Creeping Thyme	N	D	3"
	<i>Veronica liwanensis</i>	Turkish speedwell	N	D	2"