

APPENDIX D

FACILITY PLANTING DESIGN

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APPENDIX D

PLANTING OPTIONS
CITY OF EUGENE

Scientific Name	Common Name	Facility Planting Options					Plant Categories					Planting Zones		
		Grassy Swales	Vegetated Swales / Filter Strips	Stormwater Planters	Rain Gardens / Dry Detention Ponds	Wet / Extended Wet Ponds	Ground Cover Plants	Small Shrubs	Large Shrubs	Deciduous Tree	Evergreen Tree	Planting Zone A (wet to moist)	Planting Zone B (moist to dry)	Approved Street Tree Options
*approved for public rights of way														
<i>Abies grandis</i>	Grand Fir									◆		◆		
<i>Abies koreana</i>	Silver Korean fir									◆		◆	◆	
<i>Abies lasiocarpa</i>	Rocky Mountain fir									◆		◆	◆	
<i>Acer circinatum</i>	Vine Maple							◆			◆	◆		
<i>Acer ginnala</i>	Amur Maple								◆			◆	◆	
<i>Acer glabrum var. douglasii</i>	Rocky Mountain Maple								◆			◆	◆	
<i>Acer griseum</i>	Paperbark Maple								◆			◆	◆	
<i>Acer macrophyllum</i>	Big leaf Maple								◆			◆		
<i>Agrostis exarata</i>	Spike Bentgrass						◆				◆			
<i>Alisma plantago-aquatica</i>	Water Plantain						◆				◆			
<i>Allium acuminatum</i>	Hooker's Onion						◆				◆			
<i>Allium amplexans</i>	Slim Leaf Onion						◆				◆			
<i>Alnus rhombifolia</i>	White Alder								◆			◆	◆	
<i>Alnus rubra</i>	Red Alder								◆			◆	◆	
<i>Alopecurus geniculatus</i>	Water Foxtail						◆				◆			
<i>Amelanchier alnifolia</i>	Western Saskatoon Serviceberry								◆			◆	◆	
<i>Amelanchier grandiflora</i>	Autumn Brilliance & Forest Prince								◆			◆	◆	
<i>Arbutus menziesii</i>	Pacific Madrone								◆			◆	◆	
<i>Arbutus unedo</i>	Strawberry Madrone								◆			◆	◆	
<i>Arctostaphylos uva-ursi*</i>	Kinnikinnick						◆					◆		
<i>Aster hallii</i>	Hall's Aster						◆					◆		
<i>Aster subspicatus</i>	Douglas' Aster						◆					◆		
<i>Athyrium felix-femina</i>	Lady Fern						◆					◆		
<i>Beckmannia syzigachne</i>	American Slough Grass						◆				◆			
<i>Betula nigra 'Heritage'</i>	Heritage River Birch								◆			◆	◆	
<i>Bidens cernua</i>	Nodding Beggarticks						◆				◆			
<i>Blechnum spicant</i>	Deer Fern						◆				◆			

Scientific Name	Common Name	Facility Planting Options					Plant Categories				Planting Zones		Approved Street Tree Options
		Grassy Swales	Vegetated Swales / Filter Strips	Stormwater Planters	Rain Gardens / Dry Detention Ponds	Wet / Extended Wet Ponds	Ground Cover Plants	Small Shrubs	Large Shrubs	Deciduous Tree	Evergreen Tree	Planting Zone A (wet to moist)	
*approved for public rights of way													
<i>Brodiaea congesta</i>	Harvest Brodiaea						◆				◆		
<i>Bromus carinatus</i>	California Brome Grass						◆				◆		
<i>Bromus sitchensis</i>	Alaska Brome	◆					◆				◆		
<i>Bromus vulgaris</i>	Columbia Brome Grass						◆				◆		
<i>Calocedrus decurrens</i>	Incense Cedar									◆		◆	◆
<i>Camassia quamash</i>	Common Camas	◆					◆				◆	◆	
Carex densa*	Dense Sedge						◆				◆		
<i>Carex deweyanna</i>	Dewey Sedge						◆				◆		
<i>Carex hendersonii</i>	Henderson Hedge						◆				◆		
Carex obnupta*	Slough Sedge						◆				◆		
Carex stipata*	Sawbeak Sedge						◆				◆		
Carex tumulicola*	Foothill Sedge						◆				◆		
<i>Carpinus betulus</i>	European Hornbeam									◆		◆	◆
<i>Ceanothus cuneatus</i>	Buckbrush								◆		◆		
<i>Ceanothus integerrimus</i>	Deerbrush								◆			◆	
<i>Ceanothus sanguineus</i>	Oregon Redstem Ceanothus	◆							◆			◆	
<i>Ceanothus velutinus</i>	Snowbrush	◆							◆			◆	
<i>Celtis occidentalis</i>	Common Hackberry	◆								◆		◆	◆
<i>Celtis reticulata</i>	Netleaf Hackberry	◆								◆		◆	◆
<i>Chilopsis linearis</i>	Desert Willow	◆								◆		◆	◆
<i>Chitalpa taskhentensis</i>	Pink Dawn Chitalpa	◆								◆		◆	◆
<i>Clarkia amoena</i>	Summer's Darling						◆					◆	
<i>Clarkia purpurea</i>	Four Spot Godetia						◆					◆	
<i>Collomia grandiflora</i>	Large Leaf Collomia	◆					◆					◆	
Cornus kelseyii*	Kelseyi Dogwood							◆			◆	◆	
<i>Cornus nuttallii</i>	Western Flowering Dogwood	◆								◆		◆	◆
<i>Cornus stolonifera</i>	Red-osier Dogwood	◆							◆		◆	◆	
<i>Corylus cornuta</i>	Western Beaked Hazelnut	◆							◆				
<i>Crataegus douglasii</i>	Black Hawthorn								◆		◆		
<i>Cupressus arizonica</i>	"Blue Ice" Arizona cypress	◆										◆	◆
<i>Cupressus bakeri</i>	Modoc cypress									◆			◆
Daffodil*	Daffodil						◆					◆	
<i>Danthonia californica</i>	California Oatgrass						◆				◆		

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		Grassy Swales	Vegetated Swales / Filter Strips	Stormwater Planters	Rain Gardens / Dry Detention Ponds	Wet / Extended Wet Ponds	Ground Cover Plants	Small Shrubs	Large Shrubs	Deciduous Tree	Evergreen Tree	Planting Zone A (wet to moist)	Planting Zone B (moist to dry)		
*approved for public rights of way															
<i>Deschampsia caespitosa</i>	Tufted Hairgrass						◆					◆	◆		
<i>Deschampsia elongata</i>	Slender Hairgrass						◆					◆			
<i>Dichelostemma congestum</i>	Ookow	◆					◆					◆			
<i>Downingia elegans</i>	Calico Flower						◆					◆			
<i>Eleocharis acicularis</i>	Needle Spike-rush						◆					◆			
<i>Eleocharis ovata</i>	Ovate Spike-rush	◆					◆					◆			
<i>Eleocharis palustris</i>	Creeping Spike-rush						◆					◆			
<i>Elymus glaucus</i>	Blue Wildrye						◆					◆			
<i>Elymus trachycaulus</i>	Slender Wheatgrass						◆					◆			
<i>Epilobium densiflora</i>	Dense Spike Primrose	◆					◆					◆			
<i>Eriophyllum lanatum</i>	Oregon Sunshine						◆					◆			
<i>Euonymus altus*</i> (Need water)	Dwarf Euonymus							◆					◆		
<i>Festuca occidentali</i>	Western Fescue Grass						◆					◆			
<i>Festuca roemeri</i> var. <i>roemeri</i>	Roemer's Fescue	◆					◆					◆			
<i>Festuca rubra</i> var. <i>commutata</i>	Western Red Fescue						◆						◆		
<i>Fragaria chiloensis*</i>	Beach or Chilean strawberry	◆					◆						◆		
<i>Fragaria vesca</i> (<i>virginiana</i>)	Wild Strawberry	◆					◆						◆		
<i>Fraxinus latifolia</i>	Oregon Ash	◆							◆			◆	◆		◆
<i>Gaultheria shallon</i>	Salal							◆					◆		
<i>Ginkgo biloba</i>	Ginkgo	◆							◆				◆		◆
<i>Glyceria occidentalis</i>	Western Manna Grass	◆					◆					◆			
<i>Grindelia intergrifolia</i>	Gumweed						◆								
<i>Helictotrichon sempervirens*</i>	Blue Oat Grass						◆						◆		
<i>Holodiscus discolor</i>	Oceanspray	◆						◆					◆		
<i>Hordeum brachyantherum</i>	Meadow Barley						◆								
<i>Idesia polycarpa</i>	Chinese Wonder Tree								◆				◆		◆
<i>Iris douglasiana*</i>	Douglas Iris						◆						◆		
<i>Iris tenax*</i>	Oregon Iris						◆						◆		
<i>Juncus acuminatus*</i>	Tapertip Rush						◆					◆			
<i>Juncus effusus</i> var. <i>gracilis*</i>	Common / Soft Rush						◆					◆			
<i>Juncus effusus</i> var. <i>pacificus*</i>	Common Rush						◆					◆			
<i>Juncus ensifolius*</i>	Dagger-leaf Rush						◆					◆			
<i>Juncus oxymeris</i>	Pointed Rush	◆					◆					◆			

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*approved for public rights of way														
<i>Juncus patens</i>*	Grooved Rush; Spreading Rush						◆				◆			
<i>Juncus tenuis</i>	Slender Rush						◆				◆			
<i>Juncus unilateralis</i>	One-sided Rush						◆				◆			
<i>Koeleria macrantha</i>	Junegrass						◆							
<i>Koelreuteria paniculata</i>	Goldenrain Tree								◆		◆	◆		◆
<i>Lagerstroemia indica</i>	Crepemyrtle								◆			◆		◆
<i>Lemna minor</i>	Common Lesser Duckweed													
<i>Lonicera involucrata</i>	Black Twinberry							◆				◆		
<i>Lupinus micranthus</i>	Small Flowered Lupine						◆					◆		
<i>Lupinus polyphyllus</i>	Large Leaf Lupine						◆				◆	◆		
<i>Lupinus rivularis</i>	Riverbank Lupine						◆							
<i>Madia elegans</i>	Showy Tarweed						◆							
<i>Mahonia aquifolium</i>	Tall Oregon Grape							◆				◆		
<i>Mahonia nervosa</i>*	Dull Oregon Grape							◆				◆		
<i>Mahonia repens</i>*	Creeping Oregon Grape							◆				◆		
<i>Malus fusca</i>	Pacific Crab Apple								◆		◆			
<i>Myosotis laxa</i>	Small-flowered Forget-me-not													
<i>Nandina domestica</i>*	Dwarf Nandina (Heavenly Bamboo)						◆					◆		
<i>Nyssa sylvatica</i>	Canyon Live Oak									◆		◆		◆
<i>Oemleria cerasiformis</i>	Indian Plum									◆		◆		◆
<i>Olea europea</i>	Wilsonii fruitless olive									◆		◆		◆
<i>Parrotia persica</i>	Persian Ironwood									◆		◆		◆
<i>Philadelphus lewisii</i>	Mock Orange							◆				◆		
<i>Physocarpus capitatus</i>	Pacific Ninebark							◆			◆	◆		
<i>Picea smithiana</i>	Morinda spruce									◆		◆		◆
<i>Pinus bungeana</i>	Lacebark Pine										◆		◆	◆
<i>Pinus monticola</i>	Western White Pine										◆			
<i>Pinus ponderosa</i>	Ponderosa Pine										◆			◆
<i>Pinus wallichiana</i>	Himalayan Pine													◆
<i>Pistacia persica</i>	Chinese Pistache													◆
<i>Plagiobothrys figuratus</i>	Popcorn Flower						◆							
<i>Polystichum munitum</i>*	Sword Fern						◆				◆	◆		
<i>Populus balsamifera</i>	Black Cottonwood								◆			◆		

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*approved for public rights of way												
<i>Populus tremuloides</i>	Quaking Aspen							◆			◆	◆
<i>Potamogeton natans</i>	Floating-leafed Pondweed											
<i>Potentilla gracilis</i> var. <i>gracilis</i>	Graceful Cinquefoil					◆					◆	
<i>Prunella vulgaris</i> var. <i>vulgaris</i>	Heal All					◆						
<i>Prunus emarginata</i>	Choke Cherry						◆					
<i>Pseudotsuga menziesii</i>	Douglas Fir								◆		◆	
<i>Pteridium aquilinum</i>	Bracken Fern					◆					◆	
<i>Quercus bicolor</i>	Swamp White Oak								◆		◆	◆
<i>Quercus chrysolepis</i>	Canyon Live Oak								◆		◆	◆
<i>Quercus douglasii</i>	Blue Oak								◆		◆	◆
<i>Quercus engelmannii</i>	Engelmann Oak								◆		◆	◆
<i>Quercus frainetta</i> 'Schmidt'	Forest Green Hungarian Oak								◆		◆	◆
<i>Quercus garryana</i>	Oregon White Oak								◆		◆	◆
<i>Quercus imbricaria</i>	Shingle Oak								◆		◆	◆
<i>Quercus kelloggii</i>	California Black Oak								◆		◆	◆
<i>Quercus lobata</i>	Valley Oak								◆		◆	◆
<i>Quercus shumardii</i>	"Southern Plains" Shumard Oak								◆	◆	◆	◆
<i>Quercus suber</i>	Cork Oak								◆		◆	◆
<i>Quercus virginiana</i>	"Cathedral" Southern Live Oak								◆	◆	◆	◆
<i>Ranunculus occidentalis</i>	Western Buttercup					◆						
<i>Rhamnus purshiana</i>	Cascara Buckthorn								◆	◆	◆	◆
<i>Ribes sanguineum</i>	Red-Flowering Current							◆			◆	
<i>Rosa gymnocarpa</i>	Baldhip Rose							◆			◆	
<i>Rosa nutkana</i>	Nootka Rose							◆			◆	
<i>Rosa pisocarpa</i>	Swamp Rose							◆		◆	◆	
<i>Rubus calycinoides</i>*	Creeping Bramble					◆					◆	
<i>Rubus parviflorus</i>	Thimbleberry							◆		◆		
<i>Rubus pentalobus</i>*	Creeping Rubus					◆					◆	
<i>Rubus spectabilis</i>	Salmonberry							◆		◆		
<i>Sagittaria latifolia</i>	Broadleaf Arrowhead											
<i>Salix fluviatilis</i>	Columbia Willow							◆		◆	◆	
<i>Salix hookeriana</i>	Hookers Willow							◆		◆	◆	

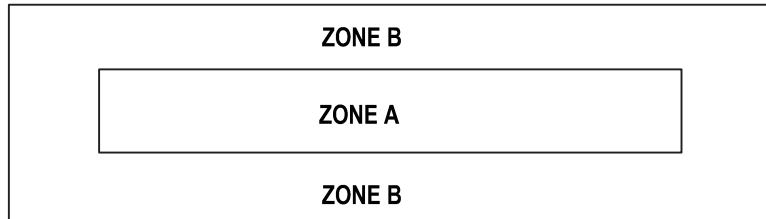
Scientific Name	Common Name	Facility Planting Options				Plant Categories				Planting Zones		Approved Street Tree Options
		Grassy Swales	Vegetated Swales / Filter Strips	Stormwater Planters	Rain Gardens / Dry Detention Ponds Wet / Extended Wet Ponds	Ground Cover Plants	Small Shrubs	Large Shrubs	Deciduous Tree	Evergreen Tree	Planting Zone A (wet to moist)	
*approved for public rights of way												
<i>Salix lucida</i>	Pacific Willow							◆		◆		
<i>Salix scouleriana</i>	Scouler's Willow							◆		◆	◆	
<i>Salix sessilifolia</i>	Soft leafed Willow							◆		◆		
<i>Salix sitchensis</i>	Sitka Willow							◆		◆		
<i>Sambucus nigra cerulea</i>	Blue Elderberry							◆			◆	
<i>Sambucus racemosa</i>	Red Elderberry							◆			◆	
<i>Sciadopitys verticillata</i>	Japanese Umbrella pine								◆		◆	◆
<i>Scirpus americanus</i>	American Bulrush					◆				◆		
<i>Scirpus microcarpus</i>	Small Fruited Rush					◆				◆		
<i>Sedum oregonum</i>	Oregon Sedum					◆					◆	
<i>Sisyrinchium douglasii</i>	Purple-eyed Grass					◆						
<i>Sisyrinchium idahoense</i>	Blue-eyed Grass					◆						
<i>Sophora japonica</i>	Chinese Scholar Tree							◆			◆	◆
<i>Sparganium emersum</i>	Narrowleaf Bureed											
<i>Spirea betulifolia</i>	Shiny-leaf Spirea						◆			◆	◆	
<i>Spirea douglasii</i>	Douglas Spirea						◆			◆	◆	
<i>Spirea sp*</i>	Dwarf Spirea						◆				◆	
<i>Symphoricarpos albus</i>	Common Snowberry							◆			◆	
<i>Taxodium distichum</i>	Bald cypress								◆		◆	◆
<i>Thuja plicata</i>	Western Red Cedar								◆	◆		◆
<i>Tsuga canadensis</i>	Canadian hemlock								◆		◆	◆
<i>Tsuga mertensiana</i>	Mountain hemlock								◆		◆	◆
<i>Tsuga sieboldii</i>	Southern Japanese hemlock								◆		◆	◆
<i>Veronica americana</i>	American Speedwell											
<i>Viburnum edule</i>	Highbush Cranberry							◆		◆	◆	

FACILITY PLANTING ZONES

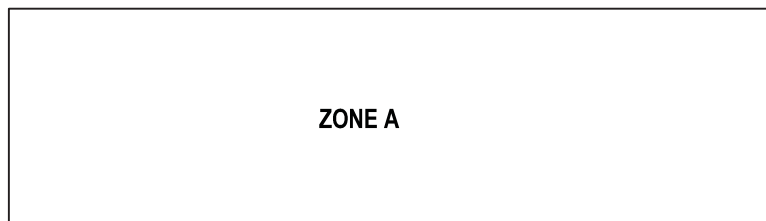
Zone A: Area of the facility defined as the bottom of the facility to the designated high water mark. This area has wet to moist soils and plants located here shall be tolerant of mild inundation.

Zone B: Area of the facility defined as the side slopes from the designated high water line up to the edge of the facility. This area typically has drier to moist soils with the moist soils being located farther down the side slopes. Plants here should be drought tolerant and help stabilize the slopes.

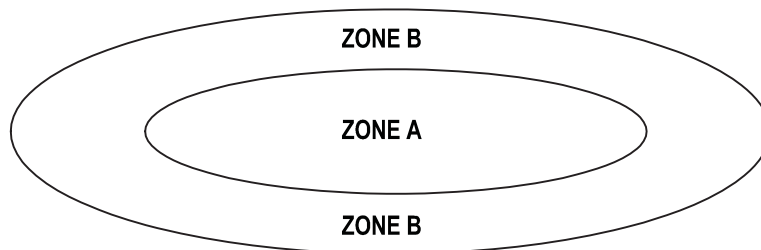
SWALE PLANTING ZONES



PLANTER PLANTING ZONES



RAIN GARDEN PLANTING ZONES



CITY OF
EUGENE, OREGON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

PLANTING ZONES

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