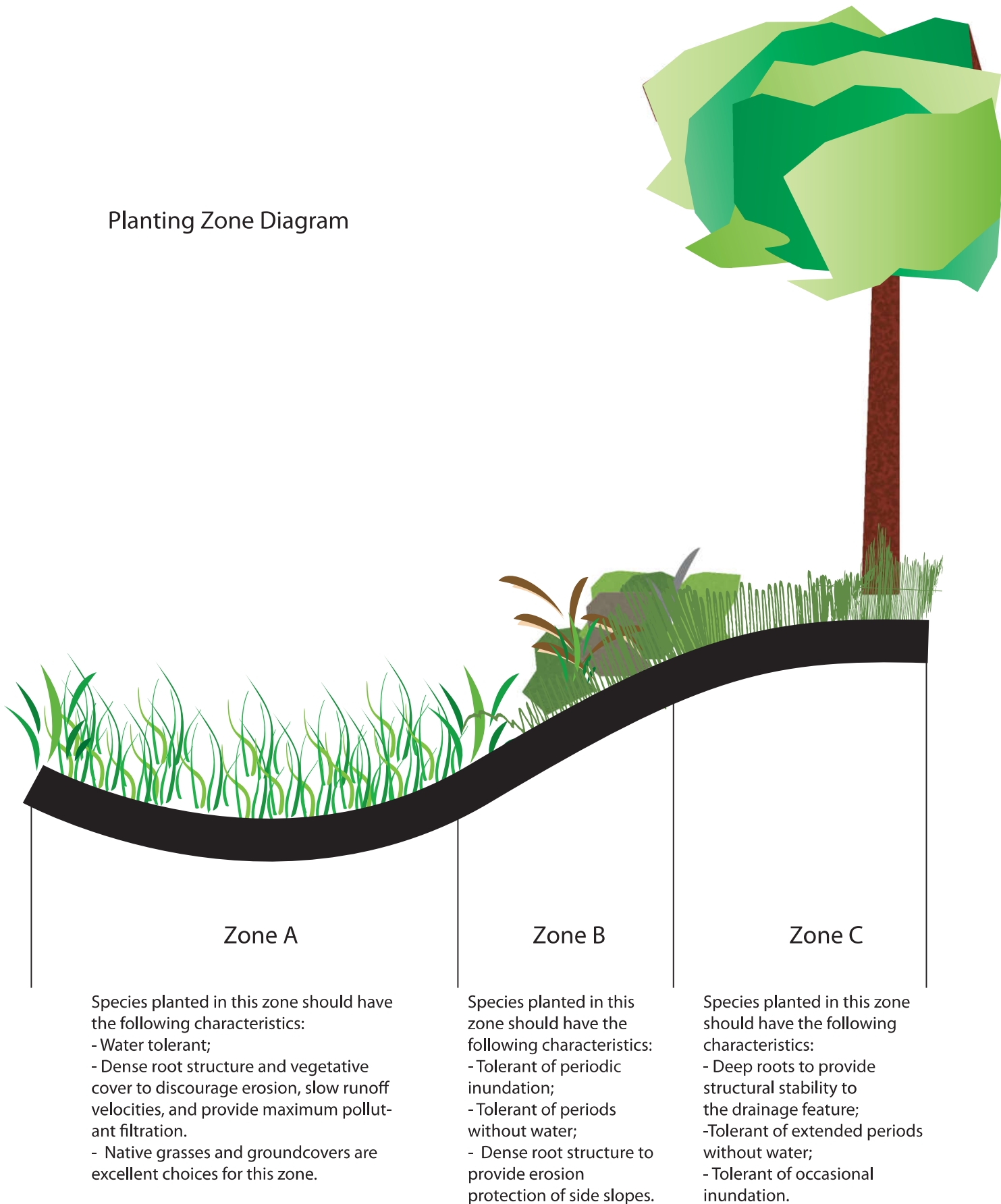


APPENDIX 5

North Coast Stormwater Coalition LID Recommended Plant List



Planting Zone Diagram







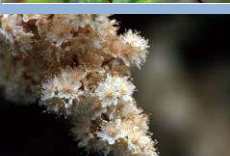

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Name	Planting Zone		Facility Type				Characteristics				Additional Information
	Common Name <i>Scientific Name</i>	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	









Shrubs

	Vine Maple <i>Acer circinatum</i>	A/B	wet, moderate	X	X	X	Y	N	15'	10'	shade to partial sun	small multi-stemmed tree, red-orange fall color, excellent soil binder
	American Dogwood <i>Cornus sericea</i>	A/B	wet, moderate	X	X	X	Y	N	6'	4'	shade to full sun	red twigs provide winter interest, white flowers in summer
	California Hazelnut <i>Corylus cornuta</i>	A/B	wet, moderate	X		X	Y	N	13'		shade to full sun	nuts attract wildlife
	Sala <i>Gaultheria shallon</i>	B	dry to moist	X		X	Y	Y	24'	24'	shade to sun	evergreen, produces edible blue berries
	Ocean Spray <i>Holodiscus discolor</i>	B	moderate, dry	X		X	Y	N	6'	4'	full to partial sun	flowers in summer, attractive to wildlife, good soil binder
	Twinberry <i>Lonicera involucrata</i>	B	dry	X		X	Y	N	5'	4'	prefers shade, sun tolerant	flowers attract humming birds and butterflies

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Image	Name		Planting Zone		Facility Type			Characteristics					Additional Information
	Common Name	Scientific Name	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	Sun Requirement	
	Osoberry	<i>Oemleria cerasiformis</i>	B	moderate	X		X	Y	N	6'	4'	prefers full to partial shade, sun tolerant	produces greenish white flowers, berries attract birds
	Wild Mock-orange	<i>Oemleria cerasiformis</i>	B	dry	X		X	Y	N	6'	4'	partial sun	fragrant flowers attract birds, bees, and butterflies, prune to shape
	Pacific Ninebark	<i>Physocarpus capitatus</i>	A/B	wet, moderate	X	X	X	Y	N	10'	3'	full to partial sun	unique shredding bark, drought tolerant
	Western Azalea	<i>Rhododendron occidentale</i>	A/B	wet, moderate	X	X	X	Y	N	15'	12'	full sun to shade	showy flower clusters attract wildlife
	Red-flowering Currant	<i>Ribes sanguineum</i>	B	wet, moderate, dry	X		X	Y	N	8'	4'	full to partial sun	showy pink flower clusters in spring, attractive to birds
	Wood Rose	<i>Rosa gymnocarpa</i>	B	wet, moderate	X		X	Y	N	3'	3'	full to partial sun	flowers in summer
	Willow species	<i>Salix spp.</i>	A/B	wet, moderate	X		X	Y	N	13'+	6'	partial shade to sun	male and female catkins born on separate plants
	Red Elderberry	<i>Sambucus racemosa</i>	B	moderate	X		X	Y	N	10'	10'	prefers full sun, partial shade	flowers attract pollinators

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	Common Name	Scientific Name	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	Sun Requirement	
	Douglas' Spiraea	<i>Spiraea douglasii</i>	A/B	moderate	X	X	X	Y	N	7'	4'	full to partial sun	pinkish flower clusters in summer ; spreads rapidly ; drought tolerant once established
	Common Snowberry	<i>Symphoricarpos albus</i>	B	moderate	X		X	Y	N	6'	3'	shade to full sun	flowers in spring, white berries in winter, excellent soil binder
	Evergreen Huckleberry	<i>Vaccinium ovatum</i>	B/C	moderate, dry	X	X		Y	Y	9'	8'	partial sun	edible berries in late summer, new growth emerges bronze in color, requires acidic soil, prune to shape
	Red Huckleberry	<i>Vaccinium parvifolium</i>	B	moist, dry	X	X		Y	N	13'	4'	full sun to partial shade	bell-shaped flowers, edible berry attracts wildlife
	Acknowledgements:												
	This guide was put together by Julie Neander and Camden Bruner of the City of Arcata Environmental Services Department and by Jen Kalt of Humboldt Bay Keeper. The information presented here is from the <i>Portland Stormwater Management Manual; Planting Templates and Lists</i> , by the City of Portland and <i>The Oregon Rain Garden Guide</i> , by Oregon Sea Grant. Used by permission. Photographs are from <i>A Photographic Guide to the Plants of Humboldt Bay Dunes and Wetlands</i> , compiled by Gordon Leppig and Andrea J. Pickart and from <i>Calphotos</i> , by the University of California, Berkely. Used by permission.												







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	Common Name <i>Scientific Name</i>	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	

Herbs

	Common Yarrow <i>Achillea millefolium</i>	C	moderate, dry				N	N	36"	24'	full to partial sun	summer flowers, tolerates regular to no watering
	Pearly Everlasting <i>Anaphalis margaritacea</i>	C	dry				Y	N	48"	12"	full sun	popular dried flower
	Crimson Columbine <i>Aquilegia formosa</i>	B	wet				Y	N	30"	12"	full to partial sun	red and yellow flowers attract hummingbirds, heavy bloomer
	Wild Ginger <i>Asarum caudatum</i>	B	moist				Y	Y	10"	20"	shade/part	bold heart shaped leaves, pleasant fragrance, ornate flowers, evergreen perennial
	Common California Aster <i>Symphotrichum chilense</i>	B	dry to moist				Y	N	40"		full sun to partial shade	attracts native pollinators including bees, moths and butterflies
	Lady Fern <i>Athyrium filix-femina</i>	B	moist	X	X		Y	N	36"	24"	shade	deciduous, low maintenance








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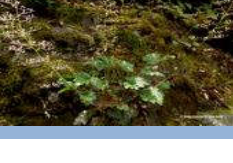
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	Common Name	Scientific Name	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	Sun Requirement	
	Deer Fern	<i>Blechnum spicant</i>	B	wet, moderate	X		X	Y	N	24"	24"	shade to partial sun	attracts deer
	California Brome	<i>Bromus carinatus</i>	A	moderate, dry			X	Y	Y	18"	12"	full to partial sun	native competitor to exotic weeds
	Dense Sedge	<i>Carex densa</i>	A	wet, moderate, dry	X			Y	Y	24"	12"	full sun to shade	good erosion control, trapping sediment and slowing the flow of water
	Short-scaled Sedge	<i>Carex leptopoda</i>	A	wet	X			Y	Y	30"		full	perennial herb
	Tufted Hairgrass	<i>Deschampsia caespitosa</i>	A/B	moderate	X			Y	N	36"	12"	full/part	attractive throughout winter
	Pacific Bleeding Heart	<i>Dicentra formosa</i>	B	moderate, dry				Y	N	2'	2'	shade/part	delicate foliage with attractive spring flowers
	Blue Wildrye	<i>Elymus glaucus</i>	B	moderate	X		X	Y	Y	24"	12"	full sun to light shade	perennial, distinct blue to blue-green colored leaves

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	Common Name	Scientific Name	Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	Sun Requirement	
	Seaside Daisy	<i>Erigeron glaucus</i>	B	moderate				Y	N	12"		full to partial sun	lavendar colored flowers that attract pollinators
	California Fescue	<i>Festuca californica</i>	B/C	moderate				Y	N	4.5'	3.5'	shade to partial sun	drought tollerant, stabilizes soils & prevents errosion,
	Idaho Fescue	<i>Festuca idahoensis</i>	B/C	moderate				Y	N	30"	24"	shade to full sun	grows in bunches
	Red Fescue	<i>Festuca rubra</i>	B	moderate	X		X	Y	Y	24"	12"	shade to partial sun	no-mow ground cover
	Beach Strawberry	<i>Fragaria chiloensis</i>	B	moderate, dry	X		X	Y	Y	6"	12"	full to partial sun	edible red berries, grows well in sandy soils
	Wood Strawberry	<i>Fragaria vesca</i>	B	moderate, dry	X		X	N	Y	10"	12"	shade/part	edible red berries
	Western Mannagrass	<i>Glyceria occidentalis</i>	A	wet, moderate			X	Y	Y	18"	12"	full sun to partial shade	does well in detention ponds and swales
	Small-flowered Alumroot	<i>Heuchera micrantha</i>	B	wet, moderate				Y	N	3.5'		full sun to part shade	distinct green to dark purple colored leaves; can grow on steep slopes

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		Zone	Moisture Zone	Swale	Planter	Basin	NW Native	Evergreen	Height	Width	Sun Requirement	
	Douglas Iris <i>Iris douglasiana</i>	B	moist to dry	X		X	Y	N	18"	12"	full to partial sun	cream-purple flowers arise on a 1-2 foot high stem; grows well in run-off ditches
	Common Rush <i>Juncus effusus</i> var. <i>pacificus</i>	A	wet, moderate	X	X	X	Y	Y	36"	12"	full sun to part shade	tolerant of polluted conditions, Note that <i>J. effusus</i> var. <i>effusus</i> can be invasive, use native Pacific variety
	Dagger-leaf Rush <i>Juncus ensifolius</i>	A	wet, moderate	X	X	X	N	N	10"	12"	full/part	flattened stems much like an iris ; spreads vigorously
	Spreading Rush <i>Juncus patens</i>	A	wet, moderate	X	X	X	N	Y	36"	12"	full/part	bluish-green foliage ; very little maintenance
	Large-leaved Lupine <i>Lupinus polyphyllus</i>	A/B	moderate	X		X	Y	N	36"	12"	full/part	showy spring flowers, fixes nitrogen
	False Lily-of-the-valley <i>Maianthemum dilatatum</i>		wet, moderate				Y		16"		shade	ground cover; can form broad mats
	Gray Beartongue <i>Penstemon rattanii</i> var. <i>rattanii</i>	B	moderate				Y	N	48"		full sun to part shade	attracts native pollinators including bumble bees
	Sword Fern <i>Polystichum munitum</i>	A/B	wet, moderate	X		X	Y	Y	24"	24"	full/part	shiny, leathery leaves








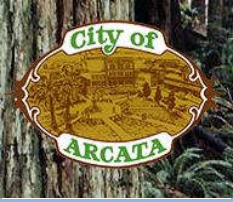
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 © 2011 Ron Wolf Cinquefoil <i>Potentilla gracilis</i>	B/C	moderate, dry					Y	N	40"		full/part	flowers attract native bees
 Three-squared Bulrush <i>Schoenoplectus americanus</i>	A	wet					Y	N	7"		full/part	native perennial
 Small-flowering Bulrush <i>Scirpus microcarpus</i>	A	moderate			X		Y	Y	24"	24"	full/part	good soil binder
 Golden-eyed-grass <i>Sisyrinchium californicum</i>	A/B	moist	X	X	X		N	Y	6"	12"	full to partial sun	produces bright yellow flowers that attract many beneficial insects
 Coast Goldenrod <i>Solidago spathulata</i>	B	moderate					Y	N	20"		full to partial sun	bright yellow flowers attract butterflies and other insects
 Fringe Cups <i>Tellima grandiflora</i>	B	moderate					Y	N	12"		shade	flowers age changing from green to pink
 © 2012 Vernon Smith Youth-on-age <i>Tolmiea diplomenziesii</i>	B	wet, moderate					Y	N	15"		shade	perennial herb
	<p>Acknowledgements:</p> <p>This guide was put together by the City of Arcata Environmental Services Department and Humboldt Bay Keeper. The information presented here is from the <i>Portland Stormwater Management Manual; Planting Templates and Lists</i>, by the City of Portland and <i>The Oregon Rain Garden Guide</i>, by Oregon Sea Grant. Used by permission. Photographs are from <i>A Photographic Guide to the Plants of Humboldt Bay Dunes and Wetlands</i>, compiled by Gordon Leppig and Andrea J. Pickart and from <i>Calphotos</i>, by the University of California, Berkeley. Used by permission.</p>											