

# CITY OF THORNTON HYDROZONE WATER-DEMAND PLAN MATERIAL LIST

## LOW WATER-DEMAND PLANT MATERIAL

Latin Name	Common Name	Height x Width
<b><u>SHADE TREES</u></b>		
Acer negundo "Sensation"	Sensation Box Elder	40'-50' x 30'-40'
Catalpa speciosa	Western Catalpa	50'-60' x 30'-40'
Celtis occidentalis	Hackberry	40'-60' x 40'-60'
Fraxinus pennsylvanica lanceolata	Green Ash varieties	50'-60' x 25'-35'
Gleditsia triacanthos inermis	Thornless Honeylocust varieties	40'-50' x 35'-45'
Quercus macrocarpa	Bur Oak	50'-60' x 45'-60'
<b><u>SMALL TREES</u></b>		
Acer ginnala	Maple, Ginnala	15'-20' x 12'-20'
Acer grandidentatum	Wasatch Maple	25'-30' x 20'-25'
Acer tataricum	Maple, Tartarian	12'-15' x 8'-10'
Crataegus ambigua	Russian Hawthorn	15'-25' x 20'-25'
Crataegus phaenopyrum	Washington Hawthorn	15'-25' x 12'-20'
Crataegus viridis "Winter King"	Winter King Hawthorn	20' x 25'
Koelreuteria paniculata	Goldenrain Tree	20'-30' x 20'-25'
Ptelea trifoliata	Wafer Ash	10'-15' x 10'-15'
Sorbus scorpulina (hard to find in trade)	Mountain Ash	15'-20' x 15'-18'
<b><u>EVERGREENS</u></b>		
Most Pine trees and Junipers have low water requirements including:		
Juniperus horizontalis, J.sabina, J.chinensis	Spreading Juniper	Varies with cultivar min. 4' wide
Juniperus scopulorum, J.virginiana, J.cheninsis	Upright Junipers	Varies greatly depending on cultivar – min. 6' wide

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Pinus mugo	Mugo Pine	Varies greatly depending on cultivar
Pinus nigra	Austrian Pine	40'-60' x 30'-40'
Pinus sylvestris	Scotch Pine	30'-50' x 20'-30'
<b><u>SHRUBS OVER SIX FEET TALL</u></b>		
Amelanchier alnifolia	Saskatoon or Mountain Serviceberry	8'-12' x 8'-12'
Amelanchier alnifolia 'Regent'	Regent	6' x 6'
Buddleia alternifolia "Argentea"	Alternate-Leaf Butterfly Bush	8'-10' x 8'-10'
Buddleia davidii	Butterfly Bush varieties	6'-10' x 4'-8'
Caragana arborescens	Peashrub, Siberian	12'-15' x 8'-10'
Cotoneaster lucidus	Peking Cotoneaster	8'-10' x 8'-10'
Cytisus x varieties	Scotch Broom	6' x 6'
Forestiera neomexicana	Privet, New Mexico	8'-15' x 8'-12'
Hibiscus syriacus	Rose of Sharon	8'-10' x 8'-10'
Kolkwitzia amabilis	Beauty Bush	8'-10' x 8'-10'
Ligustrum vulgare "Cheyenne"	Privet, Common Cheyenne	12'-15' x 12'-15'
Mahonia aquifolium	Evergreen Oregon Grape Holly	6'-10' x 6'-10' (slow growing)
Philadelphus coronarius	Mockorange, Sweet	10'-12' x 10'-12'
Physocarpus opulifolius	Ninebark, Common	8'-10' x 10'-12'
Prunus tomentosa	Nanking Cherry	10' x 15'
Rhamnus frangula "Columnaris"	Tall Hedge Buckthorn	12'-15' x 4'-6'
Rhamnus smithii	Smith's Buckthorn	8' x 8'
Rosa	Rose, Harrison's, Austrian Copper, Persian	Varies
Rosa glauca	Rose, Red-leaf Shrub	8' x 8'
Sorbaria sorbifolia	Ural False Spirea	4'-8' x 6'-8' (spreading)
Syringa vulgaris	Lilac, Common Purple	10'-12' x 10'-12'

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<b><u>SHRUBS UNDER SIX FEET TALL</u></b>		
Aronia melanocarpa elata	Black Chokeberry	4'-5' x 4'
Berberis spp.	Barberry varieties	Varies from 2' x 2' – 5' x 5'
Caryopteris incana	Blue Mist Spirea	3'-4' x 4'-5'
Cotoneaster divaricatus	Cotoneaster, Spreading	4' x 4'-6' (spreading)
Cytisus purgans "Spanish Gold"	Spanish Gold Scotch Broom	4' x 6'
Genista varieites	Woadwaxen	varies, 1'-3' x 2'-4'
Mahonia aquifolium "Compacta"	Compact Evergreen Oregon Grape Holly	3' x 3'
Perovskia atriplicifolia	Russian Sage	3'-5' x 3'-5'
Philadelphus	Mockorange, Dwarf	6' x 6'
Physocarpus opulifolius nana	Ninebark, Dwarf	6' x 6'
Potentilla fruticosa garden varieties	Potentilla varieties	2' x 2' up to 4' x 4'
Prunus besseyi "Pawnee Buttes"	Sandcherry, Pawnee Buttes	2'-3' x 6'-10'
Rhus aromatica "Gro-low"	Sumac, Gro-low	2'-3' x 6'-8'
Ribes alpinum	Currant, Alpine	5' x 5'
Rosa rugosa	Rose, Rugosa Shrub	2' x 2' – 5' x 5'
Rosa	Shrub Rose, many that grow on their own roots	varies
Symphoricarpos albus	Coralberry, White	4'-5' x 4'-6'
Symphoricarpos orbiculatus	Coralberry, Red	4'-5' x 4'-6'
Symphoricarpos x chenaulti "Hancock"	Coralberry, Hancock	2' x 12'
<b><u>GRASSES</u></b>		
Arundo donax	Bamboo Grass	12' x 6' (spreading)
Calamagrostis acutiflora varieties	Feather Reed Grass varieties	4' x 2'
Erianthus ravannae	Plume Grass	12' x 4'
Festuca ovina glauca	Blue Fescue Grass	1' x 1'
Festuca varieties	Turf-type tall Fescue grasses	
Helictotrichon sempervirens	Blue Avena Grass	2' x 2' – 3'

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Miscanthus	Maiden Grass varieties	varies 3'-8' x 3'-6'
Sorghastrum nutans	Indian Grass	3'-4' x 2'
<b><u>SPRING FLOWERING BULBS</u></b>		
Allium sp.	Ornamental Onion	
Crocus biflorus, C.sieberi, C.ancyriensis, C.chysanthus, C.tomasinianus	Species Crocus	
Iris reticulata	Botanical Iris	
Muscari spp.	Grape Hyacinth	
Scilla spp.	Scilla	
Tulipa linifolia, T.batalinii, T.humilis, T.vvedenskyi	Species Tulips	
<b><u>VINES</u></b>		
Campsis radicans	Trumpet Vine	
Parthenocissus cuspidate	Virginia Creeper	
Polygonum aubertii	Silverlace Vine	
<b><u>PERENNIALS AND GROUNDCOVERS</u></b>		
Achillea "Moonshine"	Moonshine Yarrow	24"-30" x 24"-30"
Achillea serbica	Serbian Yarrow	6" x 12"
Alchemilla mollis	Lady's Mantle	2' x 2'
Alyssum montanum	Mountain Basket of Gold	6"-10" x 1'-2'
Anemone pulsatilla or Pulsatilla vulgaris	Pasque Flower	8" x 12"
Antennaria rosea	Pink Pusseytoes	2" x 6" (spreading)
Aster novi-belgii varieties	Dwarf Fall Asters	12"-15" x 2'-3'
Aster novae-angliae varieties	New England Aster	2' x 2' (spreading)
Aubrieta or Arabis varieties	Rockcress	6" x 2' (spreading)
Baptisia australia	False Indigo	24" x 36"
Brunnera macophylla	False Forget-me-not	12"-18" x 18" (spreading)

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Centranthus ruber	Red Valerian	3' x 3'
Cerastium tomentosum	Snow in Summer	6"-12" x 24"
Ceratostigma plumbaginoides	Plumbago	1' x 1' (spreading)
Coreopsis lanceolata	Coreopsis	1'-2' x 1'-2'
Delosperma nubigenum (Yellow) D.cooperia (Purple)	Iceplant varieties	2"-3" x 2'
Digitalis lanata	Grecian Foxglove	18"-24" x 18"-24"
Duchesnea indica	False Strawberry	3"-6" x 24" (spreading)
Echinops ritro	Globe Thistle	3' x 3'
Gaillardia varieties	Blanket Flower	2'-3' x 2'-3'
Geranium sanguineum	Bloody Cranesbill	1' x 2'
Geum triflorum	Prairie Smoke Avens	1' x 1'
Helianthemum nummularium	Sunrose	6" x 18"-24"
Iris varieties	Dwarf and Bearded Iris	varies, 1'-3' x 1'-3'
Knautia macedonia	Maroon Pincushion Flower	3' x 3'
Kniphofia	Red Hot Poker varieties	varies, 3'-4' x 3'-4'
Lamium maculatum "White Nancy"	White Nancy Nettle	4"-6" x 2' (spreading)
Lavendula angustifolia	Lavender varieties	12"-24" x 12"-24"
Liatris spicata, garden varieties	Gayfeather	1'-2' x 1'
Lupinus	Lupine varieties	18"-36" x 18"-36"
Lychnis coronaria	Rose Campion	18"-30" x 18"-30" (spreading)
Malva alcea	Hollyhock Mallow	3' x 3' (seeds)
Monarda varieties	Bee Balm varieties	2'-3' x 2'-3'
Nepeta x faassenii	Catmint	1'-3' x 1'-3' depending on variety
Oenothera speciosa	Showy Pink Evening Primrose	10" x 18"
Papaver orientalis	Oriental Poppy	2'-3' x 2'-3'

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Penstemon	Penstemon garden varieties	varies 1'-3' x 1'-3'
Pericaria affinis	Himalayan Border Jewell	1' x 2'
Phlomis russeliana	Hardy Jerusalem Sage	36" x 20"
Salvia spp.	Sage varieties, ornamental & cooking	1'-2' x 1'-2'
Salvia nemerosa	Perennial Salvia	varies, 24' x 24"
Saponaria ocymoides	Rock Soapwort	6" x 2' (spreading)
Scabiosa luncinda	Dwarf Pincushion Flower	6"-8" x 12"
Sedum spectabile	Tall Sedum varieties	18"-24" x 18"-24"
Sedum spurium	Low Sedum varieties	3" x 24" (spreading)
Sidalcea malviflora	Prairie Hollyhock	3' x 3'
Solidago	Goldenrod varieties	varies, 12"-24" x 12"-24"
Stachyz byzantina	Lamb's Ear	10"-12" x 24" (spreading)
Tanacetum densum amani	Partridge Feather	8"-10" x 2' (spreading)
Tanacetum niveum	Snow Daisy	18"-24" x 18"-24"
Teucrium canadensis	American Germander	1' x 1'
Veronica pectinata	Woolly Veronica	3" x 24" (spreading)
Veronica prostrata	Turkish Veronica	3" x 24" (spreading)
Vinca minor	Evergreen Periwinkle	8"-10" x 2' (spreading)
Viola corsica	Corscian Violet	4" x 4" reseeds
Waldsteinia fragaroides	Barren Strawberry	4"-6" x 24" (spreading)
Zauschneria	Hummingbird Plant varieties	2'-3' x 2'