

## HSE Approved Tree List

STREET TREES	Common Name	Height	Width	Sewer Depth	Sewer Depth
				15' or less Tree Separation*	Greater than 15' Tree Separation*
<b>Acer campestre 'Elegant'</b>	<b>Hedge Maple</b>	<b>H 35'</b>	<b>W 25'</b>	<b>15</b>	<b>15</b>
<b>Acer campestre 'Elsrijk'</b>	<b>Hedge Maple</b>	<b>H 35'</b>	<b>W 25'</b>	<b>15</b>	<b>15</b>
<b>Acer campestre 'Evelyn'</b>	<b>Hedge Maple</b>	<b>H 35'</b>	<b>W 25'</b>	<b>15</b>	<b>15</b>
<b>Acer ginnala</b>	<b>Amur Maple</b>	<b>H 20'</b>	<b>W 20'</b>	<b>15</b>	<b>15</b>
Acer griseum	Paper Bark Maple	H 25-40'	W 15-30'	15	15
Acer griseum 'Ginzam'	Paperbark Maple 'Gingerbread'	H 30'	W 35'	17	17
Acer platanoides 'Columnare'	Columnare Norway Maple	H 50-60'	W 15-20'	10	15
Acer rubrum	Red Maple	H 50-75'	W 30-70'	27	20
Acer rubrum 'Armstrong'	Red Maple	H 50-60'	W 15-25'	15	15
Acer rubrum 'Autumn Flame'	Red Maple	H 45-55'	W 45-55'	22	20
Acer rubrum 'Bowhall'	Red Maple	H 45-50'	W 18-25'	10	15
<b>Acer rubrum 'Columnare'</b>	<b>Red Maple</b>	<b>H 60'</b>	<b>W 40'</b>	<b>20</b>	<b>20</b>
Acer rubrum 'October Glory'	Red Maple	H 50-60'	W 40-50'	20	20
Acer rubrum 'Red Sunset'	Red Maple	H 50-60'	W 40-50'	20	20
Acer saccharum 'Columnar'	Sugar Maple	H 40-50'	W 15'	10	15
Acer saccharum 'Endowment'	Sugar Maple	H 50'	W 10'	8	15
<b>Acer tartaricum</b>	<b>Tartarian Maple</b>	<b>H 20'</b>	<b>W 20'</b>	<b>15</b>	<b>15</b>
Alnus glutinosa 'Pyramidalis'	Common Alder	H 40'	W 10'	8	15
Carpinus betulus 'Fastigiata'	European Hornbeam	H 35-40'	W 20-30'	15	15
<b>Carpinus Caroliniana</b>	<b>American Hornbeam</b>	<b>H 30'</b>	<b>W 30'</b>	<b>15</b>	<b>15</b>
Celtis occidentalis 'Prairie Pride'	Common Hackberry	H 40-50'	W 40-50'	X	X
Fraxinus pennsylvanica 'Marshall Seedless'	Green Ash	H 45-55'	W 35-45'	17	17
Fraxinus pennsylvanica 'Summit'	Green Ash	H 50-60'	W 45-55'	20	20
Ginkgo Biloba 'Autumn Gold'	Ginkgo (male)	H 45-55'	W 30-40'	17	17
Ginkgo Biloba 'Fairmount'	Ginkgo (male)	H 55-65'	W 25-30'	15	15
<b>Ginkgo Biloba 'Fastigiata'</b>	<b>Ginkgo (male)</b>	<b>H 50'</b>	<b>W 35'</b>	<b>15</b>	<b>15</b>
Ginkgo Biloba 'Princeton Sentry'	Ginkgo (male)	H 55-65'	W 25-30'	15	15
Gleditsia triacanthos 'Imperial'	Honeylocust	H 30-40'	W 35-45'	22	17
<b>Gleditsia triacanthos 'Moraine'</b>	<b>Thornless Honeylocust</b>	<b>H 60'</b>	<b>W 50'</b>	<b>25</b>	<b>20</b>
Gleditsia triacanthos 'Shademaster'	Honeylocust	H 50-60'	W 50-60'	25	20
<b>Gleditsia triacanthos 'Skyline'</b>	<b>Thornless Honeylocust</b>	<b>H 60'</b>	<b>W 50'</b>	<b>25</b>	<b>20</b>
Liquidambar styraciflua 'American'	Sweet Gum	H 50-75'	W 40-65'	X	X
Liquidambar styraciflua 'Worplesdon'	Sweet Gum	H 40'	W 25'	X	X
<b>Ostrya virginiana</b>	<b>Eastern Hophornbeam</b>	<b>H 45'</b>	<b>W 40'</b>	<b>15</b>	<b>15</b>
Platanus acerifolia 'Bloodgood'	Plane Tree	H 70-80'	W 55-65'	32	20
<b>Platanus acerifolia 'Liberty'</b>	<b>Columbia London Planetree</b>	<b>H 50'</b>	<b>W 50'</b>	<b>32</b>	<b>20</b>
<b>Platanus acerifolia 'Yarwood'</b>	<b>Columbia London Planetree</b>	<b>H 50'</b>	<b>W 50'</b>	<b>32</b>	<b>20</b>
Pyrus calleryana 'Aristocrat'	Pear	H 35-45'	W 25-35'	17	15
Pyrus calleryana 'Chanticleer'	Pear	H 35-40'	W 15-20'	10	15
Pyrus calleryana 'Cleprizam'	Pear 'Cleveland Pride'	H 35-40'	W 15-20'	12	15
Pyrus calleryana 'Fronzam'	Pear 'Frontier'	H 35-40'	W 15-20'	12	15
Pyrus calleryana 'Redspire'	Pear	H 40-45'	W 20-25'	12	15
<b>Quercus acutissima</b>	<b>Sawtooth Oak</b>	<b>H 60'</b>	<b>W 60'</b>	<b>27</b>	<b>20</b>
<b>Quercus imbricaria</b>	<b>Shingle Oak</b>	<b>H 60'</b>	<b>W 50'</b>	<b>27</b>	<b>20</b>
Quercus robur 'Fastiglata'	English Oak	H 50-60'	W 15-20'	12	15
Quercus rubra	Red Oak	H 60-70'	W 50-60'	27	20
Tilia cordata 'Chancellor'	Littleleaf Linden	H 50-70'	W 35-50'	25	20
Tilia cordata 'Corzam'	Corinthian Linden	H 45'	W 35'	17	17
Tilia cordata 'Greenspire'	Littleleaf Linden	H 50-70'	W 35-50'	25	20
<b>Tilia tomentosa 'Green Mountain'</b>	<b>Silver Linden</b>	<b>H 50'</b>	<b>W 40'</b>	<b>25</b>	<b>20</b>
<b>Tilia tomentosa 'Satin Shadow'</b>	<b>Silver Linden</b>	<b>H 50'</b>	<b>W 40'</b>	<b>25</b>	<b>20</b>
<b>Tilia tomentosa 'Sterling'</b>	<b>Silver Linden</b>	<b>H 50'</b>	<b>W 40'</b>	<b>25</b>	<b>20</b>
<b>Tilia tomentosa 'Wandell'</b>	<b>Silver Linden</b>	<b>H 50'</b>	<b>W 40'</b>	<b>25</b>	<b>20</b>
<b>Zelkova Serrata</b>	<b>Japanese Zelkova</b>	<b>H 70-80'</b>	<b>W 50-60'</b>	<b>32</b>	<b>20</b>

### OPEN SPACE and LAWN TREES

Acer saccharum 'Green Mountain'	Sugar Maple	H 50-75'	W 40-60'	30	20
Aesculus x carnea	Red Horsechestnut	H 35-50'	W 30-45'	22	17
Amelanchier arbora	Serviceberry species	H 15-30'	W 15-25'	12	15
Amelanchier x grandiflora	Apple Serviceberry	H 20-25'	W 15-20'	10	15
Betula nigra 'Heritage'	River Birch	H 40-50'	W 30-35'	X	X
Cercis canadensis	Eastern Redbud	H 25-30'	W 25-35'	17	15
<b>Cornus alternifolia</b>	<b>Pagoda Dogwood</b>	<b>H 25'</b>	<b>W 25'</b>	<b>15</b>	<b>15</b>
Cornus Kousa	Kousa Dogwood	H 20-30'	W 20-30'	15	15
Cornus florida L.	Flowering Dogwood	H 15-20'	W 20-30'	15	15
Cornus florida 'Cherokee Chief'	Flowering Dogwood	H 20-25'	W 13-18'	9	15
<b>Cornus mas</b>	<b>Corneliancherry Dogwood</b>	<b>H 25'</b>	<b>W 20'</b>	<b>15</b>	<b>15</b>
Crataegus phaenopyrum 'Washington'	Hawthorn	H 20-30'	W 20-30'	15	15
Crataegus viridis 'Winter King'	Hawthorn	H 25-30'	W 25-30'	15	15
Fagus grandifolia	American beech	H 50-80'	W 40-60'	30	20
Fagus Sylvatica 'Tricolor'	Tricolor beech	H 30'	W 30'	15	15
Gymnocladus dioica	Kentucky Coffeetree	H 50-70'	W 40-50'	25	20
Liriodendron tulipifera 'Moraine'	Tulip Tree	H 40-100'	W 30-50'	25	20
Liriodendron tuliptree	Tulip Tree	H 70-90'	W 35-50'	25	20
<b>Maackia amurensis</b>	<b>Armur Maackia</b>	<b>H 30'</b>	<b>W 30'</b>	<b>12</b>	<b>15</b>
Magnolia acuminata	Magnolia 'Cucumbertree'	H 50-70'	W 30-55'	27	20
Magnolia stellata	Royal Star Magnolia	H 10-20'	W 10-15'	8	15
Magnolia x soulangiana 'Saucer'	Magnolia	H 25'	W 20'	10	15
Malus	Flowering Crabapple	H 10-35'	W 10-25'	12	15
Malus Floribunda	Japanese Flowering Crabapple	H 10-35'	W 10-25'	12	15
Malus Sargentii	Crabapple	H 6-12'	W 8-15'	10	15
Prunus 'Accolade'	Flowering Cherry	H 30-40'	W 25-35'	17	15
Prunus Cerasifera 'Newportii'	Newport Cherry Plum	H 15-18'	W 15-20'	10	15
Prunus Cerasifera 'Thundercloud'	Cherry Plum	H 15-25'	W 15-25'	12	15
Prunus Pendula 'Snofozam'	Wheeping Cherry	H 8-15'	W 6-8'	8	10
Prunus Serrulata 'Kwanzan'	Kwanzan Cherry	H 15-25'	W 15-25'	12	15
Quercus alba L.	White oak	H 80-100'		X	X
Quercus bicolor	Swamp white oak	H 60-80'	W 50-80'	40	20
Quercus coccinea	Scarlet oak	H 60-80'	W 50-80'	X	X
Syringa Reticulata	Japanese Tree Lilac	H 20-30'	W 15-25'	12	15

### Evergreen

Abia concolor	White fir	H 60-90'		20	15
Cupressocyparis leylandii	Leyland cypress	H 60-70'	W 12-20'	10	15
Picea abies	Norway spruce	H 80-100'	W 25-40'	20	15
Picea glauca	White spruce	H 60-80'	W 15-20'	10	15
Picea omorika	Serbian spruce	H 50-60'	W 20-25'	12	15
Picea pungens 'Glaucua'	Colorado Blue Spruce	H 80'	W 20'	10	15
Pinus nigra	Austrian pine (European Black Pine)	H 30-60'	W 20-40'	20	15
Pinus strobus L.	Eastern White Pine	H 50-80'	W 20-40'	20	15
Tsunga canadensis	Eastern hemlock	H 60-100'	W 30-60'	X	X

"X" Tree type not permitted within 10' of sewer facilities to maximum mature dripline

\* Tree separation is from center of tree to center of sewer.

Small Maturing <25' H, 4-5' strip width, space 20'
Medium Maturing 30-45' H, 6-7' strip width, space 30'
Large Maturing >45' H, 8' min strip width, space 40'