

## DNR 2010 Community Tree Survey for the City of McKinley, St. Louis County

\*\* Only maintained areas are surveyed. Maintained areas are periodically mowed or fall within an artificial surface, (e.g. parking lot).

Table 1. Diversity of tree genera, size class distribution, and healthy tree population and percents.

Genera	<u>Dead trees are included in population numbers &amp; all percents.</u>						<u>Only live trees are included in numbers &amp; percents.</u>		
	Population	Genera %	Size Classes ++				Population	All Classes	
			Small	Medium	Large	Super		Genera %	Healthy
Picea (Spruce)	200	15.8%	12.1%	42.4%	39.4%	6.1%	200	15.8%	100.0%
Acer (Maple)	100	14.8%	12.9%	25.8%	38.7%	22.6%	100	14.8%	96.8%
Malus (Apple)	100	13.9%	75.9%	24.1%	0.0%	0.0%	100	13.9%	100.0%
Boxelder	<100	9.6%	10.0%	70.0%	15.0%	5.0%	<100	9.6%	90.0%
Pinus (Pine)	<100	9.6%	5.0%	40.0%	50.0%	5.0%	<100	9.6%	100.0%
Populus (Poplar)	<100	9.6%	50.0%	30.0%	15.0%	5.0%	<100	9.6%	70.0%
Ulmus (Elm)	<100	9.6%	65.0%	25.0%	10.0%	0.0%	<100	9.6%	95.0%
Prunus (Plum)	<100	6.7%	92.9%	7.1%	0.0%	0.0%	<100	6.7%	100.0%
Tilia (Basswood)	<100	2.9%	16.7%	33.3%	50.0%	0.0%	<100	2.9%	100.0%
Quercus (Oak)	<100	2.4%	0.0%	60.0%	20.0%	20.0%	<100	2.4%	100.0%
Abies (Fir)	<100	1.9%	0.0%	75.0%	25.0%	0.0%	<100	1.9%	100.0%
Thuja (White Cedar)	<100	1.4%	0.0%	100.0%	0.0%	0.0%	<100	1.4%	100.0%
Celtis (Hackberry)	<100	0.5%	0.0%	0.0%	0.0%	100.0%	<100	0.5%	100.0%
Fraxinus (Ash)	<100	0.5%	0.0%	0.0%	100.0%	0.0%	<100	0.5%	0.0%
Gleditsia (Honeylocust)	<100	0.5%	100.0%	0.0%	0.0%	0.0%	<100	0.5%	0.0%
Salix (Willow)	<100	0.5%	100.0%	0.0%	0.0%	0.0%	<100	0.5%	100.0%

Table 2. Tree condition by size class.

Size Classes ++	Population	Size Class %	Healthy	Dieback	Discolor	Both	Dead
Small (1" - 4.9")	300	34.4%	97.2%	2.8%	0.0%	0.0%	0.0%
Medium (5" - 11.9")	300	35.4%	95.9%	4.1%	0.0%	0.0%	0.0%
Large (12" - 20.9")	200	23.4%	85.7%	14.3%	0.0%	0.0%	0.0%
Super (21" +)	<100	6.7%	100.0%	0.0%	0.0%	0.0%	0.0%

The numbers above (both tables) do not include shrub-like trees (e.g. Arbovitae) or non-maintained areas such as vacant areas.

\*\*Area within city limits is 513 acres. The Business & Residential area is 59 acres, of which 97.5% (57 acres) is considered Maintained while 2.5% (1 acres) is considered Non-Maintained.