Date _____ **Site** _____ **Inspector** _____

Basic Tree Health Estimator

Tree ID	Ratio	Vigor	Density	Vitality	Opacity	Quality

Methods
Six parameters are rated 1-4, where 1=0-25%, 2=26-50%, 3=51-75%, 4-76-100%
1) **Ratio** (Live Crown Ratio): the live crown ratio is the percentage of height which supports live, green foliage that is contributing to total height growth
2) **Vigor**: average shoot extension on 3 native shoots with same sun exposure
3) **Density** (Crown Density): amount of crown branches, foliage and reproductive structures that blocks light visibility through the crown
4) **Vitality**: the percentage of the live crown area free from shoot dieback
5) **Opacity**: the amount of skylight blocked by the live, normally foliated portion of the crown
6) **Quality**: the percentage of the live crown that has foliage normal in size, color, or integrity