

# Appendix C

## Worksheet for Evaluating Tree Condition

This guide is adapted from the City of Sacramento, California, Parks Division. The evaluation awards points for specific tree and location ratings related to tree health. Circle point values as they apply to the listed criteria in each category. Add up the total points to determine the corresponding health rating.

<b>Evaluation Guide</b>	<b>CITYgreen Rating</b>
Good: 86-100 points	5
Fair: 71-85	4
Poor: 51-70	3
Very Poor: 31-50	2
Removal recommended: less than 31 points	1

<b>Evaluation Criteria</b>	<b>Point Value</b>
<b>General View</b>	
Overall appearance of tree is representative of species	10
Overall appearance of tree deviates from species as representative	5
<b>General View Subtotal</b>	_____

<b>Location</b>	
Adequate space available for development as characteristic of species	10
Space not adequate for development as characteristic of species	5
<b>Location Subtotal</b>	_____

<b>Root Area</b>	
No visible defects observed	10
Invasive roots damaging property	-1
Roots lifting sidewalk creating minor displacement of normal grade	5
Roots lifting sidewalk creating major displacement of normal grade	-1
Roots displacing curb or gutter from normal alignment	-1
Extensive portions of root system cut	-10
Crown root area displays signs of wood deterioration	-5
Crown root area decayed more than 30% of tree's cross section	-25
Root area subject to over watering	-1
<b>Root Area Subtotal</b>	_____

<b>Trunk Area</b>	
No visible defects observed	10
Bark missing from trunk:	
< 10% of trunk circumference	8
10-30% of trunk circumference	5
> 30% of trunk circumference	3
Trunk displays signs of wood deterioration	-5
Trunk area decayed >30% of tree's x-section	-10
Unequal weight distribution due to trunk lean	-1
Trunk crack(s) observed	-10
<b>Trunk Area Subtotal</b>	_____

Worksheet for Evaluating Tree Condition

Worksheet for  
Evaluating Tree  
Condition

**Canopy Features**

Canopy full and balanced	5
Canopy full and unbalanced	3
Canopy unbalanced	1
Full canopy lacking	-1
Foliage concentrated in the upper 1/3 of tree	-1
Canopy dieback	-1
Foliage is representative of species	5
Foliage is not representative of species	-1

**Canopy Features Subtotal**

**Annual Twig Growth**

Current twig growth >6"	10
Current twig growth 2-6"	8
Current twig growth <2"	5

**Annual Twig Growth Subtotal**

**Insects and Disease**

No pests observed	10
Signs or symptoms of 1 pest observed	8
Signs or symptoms of 2 or more pests observed	6
Pests create an intermittent and temporary nuisance	1
Pests threaten well-being of this or adjacent trees	-1

**Insects and Disease Subtotal**

**Onset of Canopy**

No visible defects observed	10
Narrow angles of branch attachment and/or embedded bark observed	-1
Branch(es) nearly as large as trunk	-1
Branch attachment area displays signs or symptoms of wood deterioration	-15
Decay in more than 30% of x-section	-25
Crack(s) observed	-5
Evidence of split-out scaffolds	-5

Cluster of multiple branches;  
uncharacteristic of species -1

Double leader -1

**Onset of Canopy Subtotal**

**Limb Structure**

No visible defects observed	10
1 major or several minor dead limbs	8
2 or more major dead limbs	5
Signs or symptoms of wood deterioration	-5
Decay in >30% of limb's x-sectional area	-10
Crack(s) observed	-5
Narrow angles of branch attachment and/or embedded bark observed	-1
Large horizontal branches	-1

Evidence of split-out branch(es) -1

Multiple branches from heading cuts -1

**Limb Structure Subtotal**

**Impact on Block**

Tree significantly impacts shade, aesthetics  
of block 10

Tree does not significantly impact shade or  
aesthetics of block 5

**Impact on Block Subtotal** \_\_\_\_\_

**General View Subtotal** \_\_\_\_\_

**Location Subtotal** \_\_\_\_\_

**Root Area Subtotal** \_\_\_\_\_

**Trunk Area Subtotal** \_\_\_\_\_

**Canopy Features Subtotal** \_\_\_\_\_

**Annual Twig Growth Subtotal** \_\_\_\_\_

**Insects and Disease Subtotal** \_\_\_\_\_

**Onset of Canopy Subtotal** \_\_\_\_\_

**Limb Structure Subtotal** \_\_\_\_\_

**Impact on Block Subtotal** \_\_\_\_\_

**GRAND TOTAL** \_\_\_\_\_