

## Draft Worksheet - Atlanta Tree Category Determination (with programmed formulas)

Any invasive, undersirable, and nuisance trees will automatically be placed in Category 1.

Any Heritage Tree will automatically be placed in Category 5;

All remaining trees will be placed in a category based on the following criteria/formulas.

### Subject Tree Data

DBH (inches)	21
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Tree Size (choose one only)

6-8 inch DBH  
 9-14 inch DBH  
 15-20 inch DBH  
 21-27 inch DBH  
 28 inch DBH or higher

Tree Species (Native Determination)

Native

Context Factors

Steep Slope (15-25%)  
 Steep Slope (Over 25%)  
 Floodplain (within 100 yr floodplain)  
 Specimen Tree  
 Street Tree  
 Grove  
 Grove (age of grove)  
 Within Riparian Buffer (75')

Factor	Points
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<b>Tree Size</b>	
6 - 8 inches dbh	6
9 - 14 inches dbh	8
15 - 20 inches dbh	14
21 - 27 inches dbh	17
28+ inches dbh	20
<b>Tree Species</b>	
Native	5
<b>Context Factors</b>	
Steep slope (15-25%)	6
Steep slope (Over 25%)	7
Floodplain (within 100 year floodplain)	6
Specimen tree	40
Street tree	6
Grove	7
Grove age	7
Riparian buffer	6

Note: choose only 1 slope category

### Context Factors Value for Form Function Abc Finding

Steep slope (15-25%)	FALSE
Steep slope (Over 25%)	FALSE
Floodplain (within 100 year floodplain)	TRUE
Specimen Tree - <b>DO NOT ENTER TREE SIZE</b>	FALSE
Street tree	FALSE
Grove	TRUE
Grove (age of grove)	TRUE
Riparian buffer	TRUE
Native	TRUE

<b>SIZE</b>	FALSE
6 - 8 inches dbh	FALSE
9 - 14 inches dbh	FALSE
15 - 20 inches dbh	FALSE
21 - 27 inches dbh	TRUE
28+ inches dbh	FALSE
Senior/Low Income	FALSE

FINAL RESULT	
Size Points	17
Native	5
Context Factor Points	26
<b>Total Points</b>	<b>48</b>
<b>Resulting Category</b>	<b>Category 5</b>
46-56	Category 5
38-45	Category 4
19-37	Category 3
10 to 18	Category 2
10 or under	Category 1

		Resulting Tree Value
<b>Category 5</b>	dbh x 3 (\$200x1.33)	\$16,758.00
<b>Category 4</b>	dbh x 1 (\$200x1.33)	\$5,586.00
<b>Category 3</b>	dbh x .75 (\$200x1.33)	\$4,189.50
<b>Category 2</b>	dbh x .375 (\$200x1.33)	\$2,094.75
<b>Category 1</b>	0	\$0.00

		Replacement DBH's	Qty of 2.5" replacement trees required
<b>Category 5</b>	x 3	63.0	25.2
<b>Category 4</b>	x 1	21.0	8.4
<b>Category 3</b>	x .75	15.8	6.3
<b>Category 2</b>	x .375	7.9	3.2
<b>Category 1</b>	0	0.0	0.0

Resulting Value
0
0
6
0
0
7
7
6
5

0
0
0
17
0
0

**Incentives- if Density thresholds for Zoning designation are met before and after project implementation**

- Cat 5- DBH inches retained on site are deducted from the recompense DBH total for the lot
- Cat 4- 50% of DBH inches retained on site are deducted from the recompense total for the lot
- Cat 3 and 2
 

100-149%	Replanting and Recompense reduced by 25%
150-199%	Replanting and Recompense reduced by 50%
Over 200%	Replanting and Recompense reduced by 75%

*Note:* Reductions for meeting or exceeding Density Thresholds only apply to replanting and recompens

**Site Density**

- All Category 4 & 5 trees subject to full replanting
- Requirement met before but not after
  - Full Replacement and Recompense
  - Afforestation to meet minimum density

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recompense required for the category 2 & 3 trees that are removed

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