

Specimen Tree Assessment

Assignment

Survey, tag and record the following data for City of Brookhaven (DeKalb County) specimen trees meeting the size criteria for hardwood trees $\geq 30''$ in Diameter at Breast Height (DBH), softwood trees $\geq 30''$ DBH and flowering understory trees $\geq 10''$ DBH site-wide: tree number, diameter, species, vitality, and other comments relative to condition.

Methods

Information for the following parameters was recorded for each tree and provided in the following survey.

Term	Description
Tree No.	All trees were tagged on the side of the trunk with an aluminum tag, bearing a unique number to identify trees, at about 5 feet.
DBH	Diameter of trunk in inches, measured at 4.5' feet above average soil level. Measurements were taken using a forestry diameter tape.
Species	Listed as the North American common name.
Condition	<p>GoodTree has excellent vigor and is actively growing without any serious pathogenic problems. Tree exhibits a structural form that is safe and typical of the species.</p> <p>FairTree is in moderate health, but may have a minor pathogenic problem. Some insects and disease could be present. Tree may have minor structural defects, but does not exhibit optimal form for the species in an urban environment. A tree in fair condition may not react favorably to site developments or additional stress.</p> <p>PoorTree's vigor is low to moderate. It may also have moderate to severe structural defects or a form that is undesirable for the species. Some trees in poor condition are not recoverable and could degrade into a state of advanced decline leading to death.</p> <p>DeadTree is dead.</p> <p>InvasiveTrees that are non-indigenous to the Atlanta area, Piedmont region.</p> <p>Hazardous .Tree with uncorrectable defects severe enough to pose present danger to people or buildings under normal conditions, as determined by a City Arborist or City Forester.</p>
Comments	Additional information regarding health and condition of the trees.

Tree Assessment Data

*Trees #20, #21, #23 are boundary trees.

TAG#	DBH	SPECIES	CONDITION	NOTES
1	37	Water Oak	Good	
2	30	Loblolly Pine	Fair	Severe vine coverage into upper canopy
3	33	Loblolly Pine	Poor	Co-dominant at approximately 6' with included bark and weak stem union
4	35	Southern Red Oak	Fair	Slight phototropic lean, 15" co-dominant lead at root crown with included bark
5	30	Loblolly Pine	Good	Moderate vine coverage
6	31	Southern Red Oak	Good	Few small dead limbs and epicormic shoots
7	30	Loblolly Pine	Fair	Severe vine coverage into upper canopy
8	35	White Oak	Fair	13" co-dominant lead at approximately 6'. One large dead limb
9	31	White Oak	Good	Few small dead limbs, moderate vine coverage
10	30	White Oak	Good	Few small dead limbs, severe vine coverage
11	30	Loblolly Pine	Good	Moderate vine coverage
12	30	Southern Red Oak	Dead	Tree is dead
13	33	Southern Red Oak	Fair	Basal cavity at approximately 5', moderate vine coverage, sinuous trunk
14	34	White Oak	Good	Few small dead limbs
15	30	White Oak	Good	
16	34	Southern Red Oak	Poor	Moderate vine coverage, approximately 15% canopy tip die-back, co-dominant at approximately 20' with included bark and weak stem union
17	32	Tulip Poplar	Fair	Exposed buttress roots growing on embankment
18	31	Tulip Poplar	Good	Few small dead limbs
19	32	Tulip Poplar	Fair	Exposed buttress roots on stream embankment, moderate vine coverage
20	32	Loblolly Pine	Good	Moderate vine coverage, BOUNDARY TREE
21	37	Tulip Poplar	Good	BOUNDARY TREE
22	34	Tulip Poplar	Fair	Exposed root plate growing on eroded stream bank, one large dead limb, BOUNDARY TREE
23				TAG MISSING

24	31	Tulip Poplar	Poor	Co-dominant at approximately 2' with leads 22" and 31", 48" below point of co-dominance, severely included bark and weak stem union, basal cavity at stem union, moderate vine coverage, multiple small dead limbs
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Summary

23 trees were tagged on this site that met the City of Atlanta specimen tree size criteria.

- 11 trees are in Good condition
- 8 trees are in Fair condition
- 3 trees are in Poor condition
- 1 tree is Dead
- 0 trees are Invasive species