

URBAN FORESTRY ECOSYSTEM SERVICES

AT THE FAU JUPITER CAMPUS: 2015- 2016

by

Allie Lamb

A Thesis Submitted to the Faculty of

The Wilkes Honors College

in Partial Fulfillment of the Requirements for the Degree of

Bachelor of Arts in Liberal Arts and Sciences

with a Concentration in Conservation Biology

Wilkes Honors College of

Florida Atlantic University

Jupiter, Florida

May 2016

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ACKNOWLEDGEMENTS

I would like to thank Alana Edwards, without whom this study would not have been possible. Alana, you have made the final year of my undergraduate career so special; our time together has helped me grow immensely and I now feel ready to take on the next step of my life with confidence.

To my loving family, there are no words to describe the vast amount of love and support each of you has given me over the past four years. You have gotten me through the struggles of growth and change in your own unique way and have each sculpted a part of the person I am today.

I leave the HC with this in my heart:

“The wind said; may you be as strong as the Oak, yet flexible as the birch. May you stand as tall as the Redwood, live gracefully as the Willow, and may you always bear fruit all your days on this earth.”

–Native American Proverb

ABSTRACT

Author: Allie Lamb
Title: Urban Forestry Ecosystem Services at the FAU Jupiter Campus: 2015-2016
Institution: Wilkes Honors College of Florida Atlantic University
Thesis Advisor: Dr. Jon Moore
Degree: Bachelor of Arts in Liberal Arts and Sciences
Concentration: Conservation Biology
Year: 2016

Trees in urban landscapes provide ecosystem services that increase air quality, remove various air pollutants, and reduce storm water run-off. This study focuses on the urban forestry of Florida Atlantic University's campus in Jupiter, Florida. By collecting various data from each tree and using ArcGIS and the US Forest Service's analysis tool, "i-Tree", the 1,556 trees on the Jupiter campus were mapped and an estimate of their structural and dollar values was calculated.

Ninety-one percent (91%) of campus trees were in "excellent" condition, thus providing significant annual uptake of pollutants such as carbon monoxide, ozone, nitrogen dioxide, sulfur dioxide, particulate matter, and volatile organic compounds. Calculations also estimate that these trees annually store 245,232 kg of carbon, sequester 21,645 kg of atmospheric carbon, and have a structural value of \$2,289,186.

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INTRODUCTION

Trees in urban landscapes provide ecosystem services that improve the air, water, and land quality of the area in which they are planted. Quantifying the benefits of the environmental services that urban forests provide improves the understanding of their importance to the environment, human health, and the health of the planet. Nowak and Crane define urban forests as ecosystems that contribute to an area's green infrastructure through its abundance of trees and other vegetation that have a particular spatial arrangement and characteristics in relation to infrastructure objects such as buildings (2000, 714).

Urban forests are essential on university campuses because "higher education institutions are a \$363 billion industry, harboring the future generation of young people preparing to enter and influence the private and public sectors in our own country and beyond; what they think and do in terms of sustainability will matter" (Fannin 2008, 1). Providing a quantitative assessment may help the population understand why urban forests are an important key to a sustainable future in a means that differs from just understanding their importance aesthetically. This increased awareness may lead to the potential for better urban forestry management and advocacy efforts which could potentially protect species, habitats, and ultimately ecosystems. Fortunately, tools for understanding the quantitative values of urban forests, such as i-Tree, have been developed over the last decade. Analyzing urban tree benefits through i-Tree further expands our understanding of how urban greening strategies can help with climate change adaptation, reduction in the urban heat island effect, improving biodiversity and storm water management, providing healthier spaces for active living, and turning our

attention to how we can most effectively increase the number of tree plantings where they are needed most (Nowak et al. 2008, 347). Some examples of these benefits include, but are not limited to; improvements in water management and quality, economic benefits through building energy conservation and decreased use of artificial storm water treatments, increased air quality through active pollutant removal, and reductions in ultraviolet radiation (Nowak et al. 2008, 347).

While quantity of trees in an urban area is important, so are the types of species that are planted, especially in south Florida which is home to many sensitive ecosystems that are currently at risk of being destroyed by invasive non-native species (invasive species) (Ewel 1986, 214). Urban planners should not only know what the best number of trees are for their area, but also what types of native species will be best for the surrounding ecosystem. With the continued growth of the Jupiter campus and the potential for increased tree plantings, it will be helpful to know which native tree species on campus provides the area of interest (AOI) with the most ecosystem services so as to guide campus planners in their endeavors.

The analysis of the campus tree inventory was possible by using the study design and field data collection protocol developed by the U.S Forest Service, i-Tree Eco. The Eco software “was developed to help managers and researchers quantify urban forest structure and functions based on standard inputs of field, meteorological, and pollution data” (*i-Tree Eco Manual v. 5, 1*). For more information on what the model currently calculates please see References to be directed to the i-Tree Eco manual.

This study focuses on the urban forestry of Florida Atlantic University's John D. MacArthur Campus (Jupiter campus) in Jupiter, Florida from August 2015 to January 2016. By collecting data from each tree and using ArcGIS and the US Forest Service's analysis tool, "i-Tree", the trees on the Jupiter campus were inventoried, mapped, and an estimate of their structural and dollar values was calculated.

Site Description

Florida Atlantic University was Florida's fifth public institution of higher education, established in 1961, and now includes six campuses in South Florida: Boca Raton, Dania Beach, Davie, Fort Lauderdale, Harbor Branch, and Jupiter (Fannin 2008, 2). The AOI for this study was the Jupiter campus located in Palm Beach County at 5353 Parkside Dr. Jupiter, FL and is approximately 70.8 acres (Figure 1).

The Jupiter Campus was opened in 1999 and campus trees were planted for institutional landscaping purpose in sections over subsequent years. Major site plantings are exhibited in Figure 2. Live Oaks (*Quercus virginiana*) were planted in phases as they were donated with different projects from various local growers. Manual Diaz Farms in Miami, FL donated approximately 1000 trees in 2000: 500 Washingtonia palms (*Washingtonia filifera*), approximately 200 Crimson Bottlebrush (*Callistemon citrinus*), and approximately 200 Royal Poinciana (*Delonix regia*), many of these donated trees died shortly after being planted (Baruch 2016). In addition, many of the Washingtonia Palms were removed from the AOI when Jupiter campus buildings were being constructed and planted as landscape trees thereafter.



Figure 1. FAU Honors campus - the area of interest (AOI) for this study.



Figure 2. Campus Tree Planting map.

The Jupiter campus is still growing and has made plans to build and expand more by 2017. With a current student body size of 892 (*IEA Interactive Reporting*), the environmental and social benefits that the urban forest provides have never been more important. For the past 5 years, the Jupiter campus has been awarded a Tree Campus USA certification from the Arbor Day Foundation, a recognition that would not have been achieved if not for the creation of the campus Robert J. Huckshorn Arboretum.

Upon retiring in 2002, Vice President Emeritus of FAU, Dr. Robert J. Huckshorn announced plans for the creation of an arboretum on the Jupiter campus as the University's parting gift to him (FCES 2015, 2). The arboretum's development was managed by Florida native plant and ecosystem expert, Alana Edwards and was constructed from 2004-2013. Alana's vision was for the arboretum to reflect natural areas in Florida and included Tropical Hardwood Hammock, Mixed Hardwood Swamp, Pine Flatwoods, and a Cabbage Palm Oak Hammock (FCES 2015, 4). Over nine years, the vacant sodded area was transformed into a lush forested habitat; this transformation prompted the University to apply for recognition as a Tree Campus USA in 2010, and the Jupiter campus has been recognized as a tree campus every year since. This year (2015-2016) for recertification to occur a campus tree inventory was needed with the application submission.

MATERIALS AND METHODS

Prior to conducting the tree inventory, it was necessary to define what should be classified as a tree. I-Tree's standards include: "a dbh greater than or equal to 1 inch, a height greater than 12 inches, and bearing lateral branches. Trees and shrubs can also be differentiated by species (i.e., certain species are always trees or always shrubs)" (*i-Tree Eco User's Manual*, 39).

Data Collection

Tools used for conducting the campus tree survey included a DeWalt tape measure (60 foot minimum), Garmin eTrex Venture HC GPS, Suunto clinometer, and a Forestry Suppliers Inc. DBH tape. Each tree's location was recorded using the Garmin eTrex Venture HC GPS. In addition to tree location, fifteen (15) different data parameters were collected including date, crew, tree ID, species, land use, status, diameter at breast height, tree total height, height to crown base, height to live top, crown width in the north-south direction, crown width in the east-west direction, percent of crown missing, percent of crown dieback, and crown light exposure. These data were systematically collected over seven months. A detailed description of each of these parameters is provided in the i-Tree Eco manual, see References to be directed to the i-Tree online resource manual.

Table 1. Equipment used for tree inventories and the measurements that each collected.

Equipment	Measurements Collected
DeWalt tape measure (60 ft.)	Crown width in N-S direction and E-W direction, 60 ft. measurement from tree for clinometer accuracy
Suunto clinometer	Tree total height, Height to crown base, Height to live top.
Forestry Suppliers Inc. DBH tape	Diameter at breast height.
Garmin eTrex Venture HC GPS	Date, Tree ID, Tree Location.

Data Processing

Field data was collected using pen and paper. Once all trees had been surveyed, collected data was entered into a Microsoft Excel spreadsheet. The spreadsheet was then appended into a Microsoft Access database, which was imported into the i-Tree Eco Urban Forestry assessment tool for ecosystem service calculations. This tool provided a qualitative analysis of the data. Value summaries for tree species were further analyzed to average the best type of tree per variable.

Mapping

All tree data that were collected using the Garmin eTrex were downloaded as a .gpx file. Subsequently, they were uploaded into Esri ArcGIS, creating a map of all trees on campus (Figure 3).

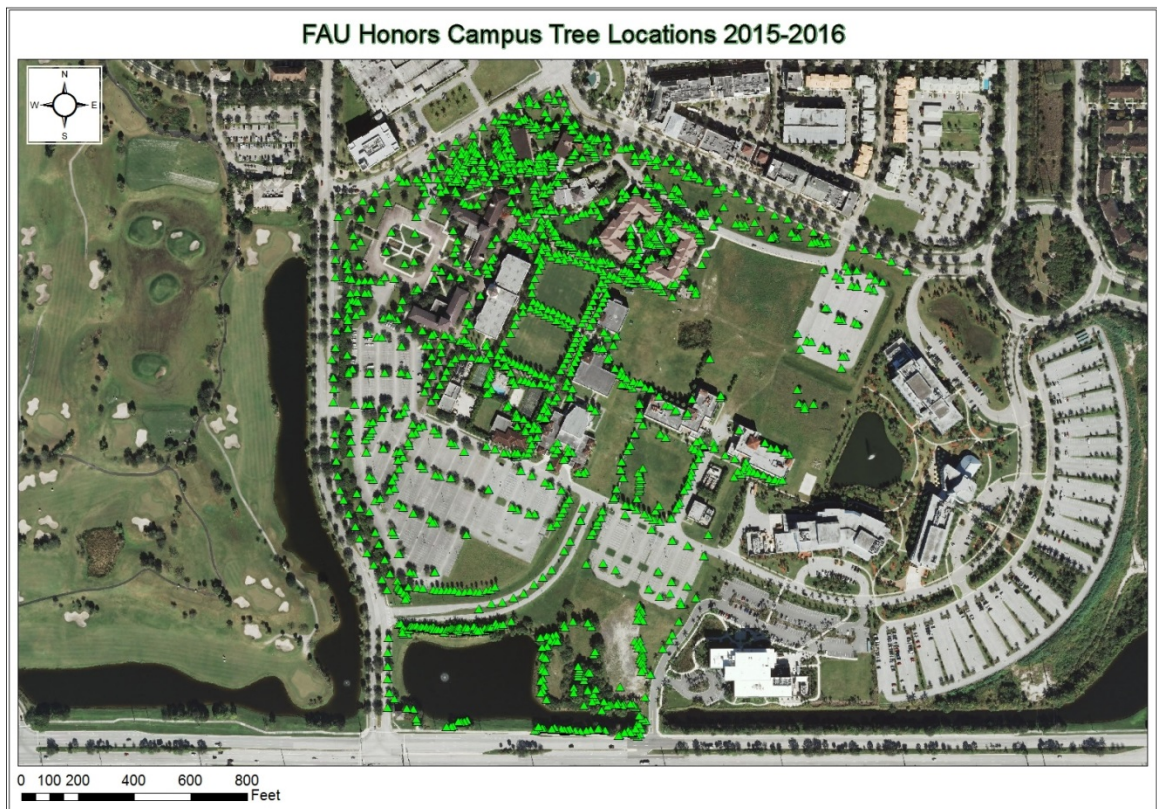


Figure 3. The locations of the 1,556 trees on the Jupiter campus recorded via with GPS.

RESULTS

The urban forest on the FAU Jupiter campus is a valuable resource with 37 species, totaling 1,556 trees (Figure 4). Much of this diversity is equated to the Robert J. Huckshorn Arboretum which accounted for 19 of the 37 species found. Of the 1,556 trees the three most common species are Live Oak (*Quercus virginiana*) totaling 508 trees (32.65%), Washingtonian Palm (*Washingtonia filifera*) totaling 359 trees (23.07%), and Coconut Palm (*Cocos nucifera*) totaling 194 (12.47%).

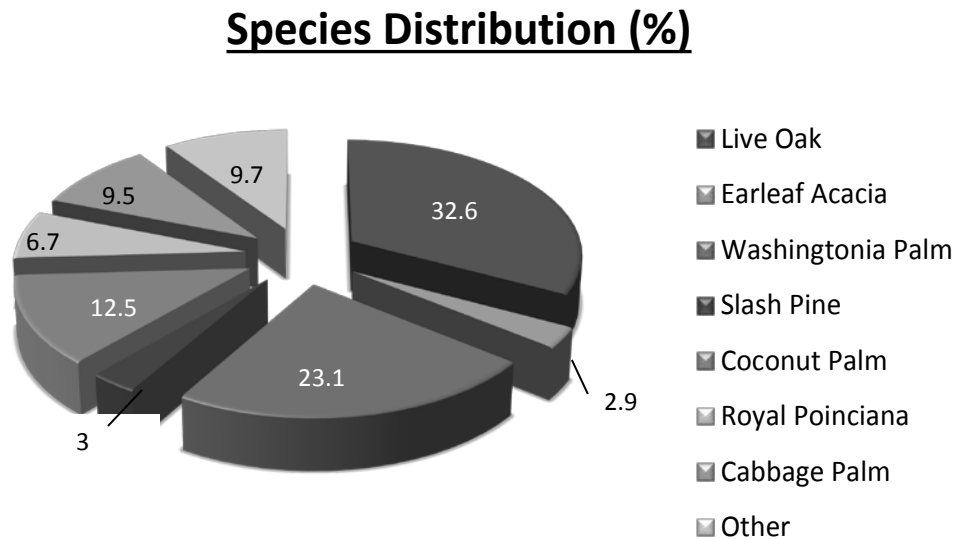


Figure 4. The 1,556 campus trees broken up by percent abundance, including the most abundant species.

The majority of Jupiter campus trees were very healthy, no dead trees were recorded. It was calculated that 91.65% of total trees were in “excellent” condition and only 0.45% were found to be in “critical” condition (Figure 5).

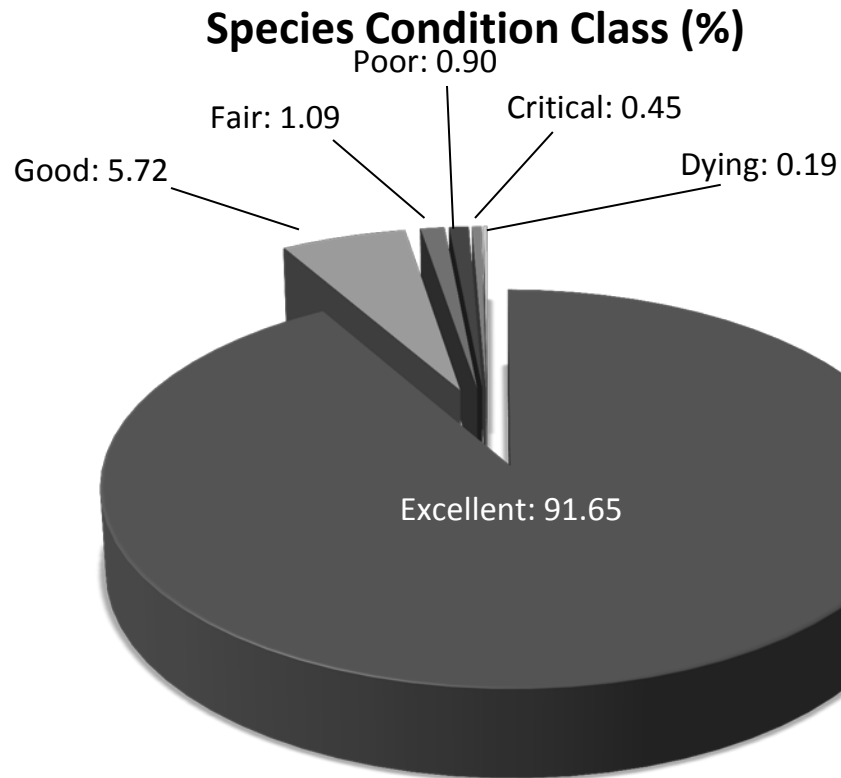


Figure 5. Tree species organized by the condition of their health.

As the most abundant species, Live Oaks ranked highest in all i-Tree calculations (Tables 3, 6, 9 & 12). However, to determine if this high ranking was as a result of their abundance or due to other factors, each value was divided by the number of trees counted to obtain an average value per tree. Therefore, the 218,541 kg of carbon stored by Live Oaks on campus was divided by the abundance (508) resulting in an average of 430 kg of carbon per tree.

Canopy cover, leaf area and leaf biomass

The top 5 tree species with the highest canopy cover, leaf area and leaf biomass are listed in Tables 2.1-2.3, respectively. This data for all species on campus are listed in Table 3, including the total amount of canopy cover, leaf area and leaf biomass for all

species combined. On the Jupiter campus, the three most dominant species in terms of leaf area are Live Oak (175,313.5), Coconut Palm (31445.9), and the Washingtonian Palm (30733.6). The tree species with the highest average for canopy cover, leaf area, and biomass are listed below in Tables 2.1-2.3.

Table 2. Averages of Jupiter campus tree species characteristics by canopy cover (2.1), leaf area (2.2), and leaf biomass (2.3).

Table 2.1

Species Name (Common)	Species Name (Scientific)	Canopy Coverage (m²)
Laurel oak	<i>Quercus laurifolia</i>	74.7
Live oak	<i>Quercus virginiana</i>	65.3
Earleaf acacia	<i>Acacia auriculaeformis</i>	64
Brazilian pepper	<i>Schinus terebinthifolius</i>	61.7
Sea grape	<i>Coccoloba uvifera</i>	49.3

Table 2.2

Species Name (Common)	Species Name (Scientific)	Leaf Area (m²)
Royal palm	<i>Roystonea regia</i>	482.7
Live oak	<i>Quercus virginiana</i>	345.1
Earleaf acacia	<i>Acacia auriculaeformis</i>	272.1
Australian pine	<i>Casuarina equisetifolia</i>	255.3
Red maple	<i>Acer rubrum</i>	227.8

Table 2.3

Species Name (Common)	Species Name (Scientific)	Leaf Biomass (kg)
Royal palm	<i>Roystonea regia</i>	81.0
Live oak	<i>Quercus virginiana</i>	72.4
Earleaf acacia	<i>Acacia auriculaeformis</i>	65.8
Southern red cedar	<i>Juniperus virginiana silicicol</i>	36.6
Bald cypress	<i>Taxodium distichum</i>	32.1

Table 3. Characteristics for each tree species (listed alphabetically by common name) found on the Jupiter campus, including square meters of canopy cover, square meters of leaf area, and kilograms of leaf biomass. For exact values per tree, refer to Appendix I.

		Canopy Cover (m2)		Leaf Area (m2)		Leaf Biomass (kg)	
Species Name (Common)	Species Name (Scientific)	Value	%	Value	%	Value	%
Australian pine	<i>Casuarina equisetifolia</i>	106.4	0.19	765.8	0.25	58.5	0.11
Baldcypress	<i>Taxodium distichum</i>	26.3	0.05	204.8	0.07	32.1	0.06
Brazilian pepper	<i>Schinus terebinthifolius</i>	1172.1	2.1	3126.5	1.04	234.1	0.42
Buttonwood	<i>Conocarpus erectus</i>	19.9	0.04	73.1	0.02	5.5	0.01
Cabbage palmetto	<i>Sabal palmetto</i>	2032.3	3.64	12911.3	4.29	2165.4	3.91
Coco plum	<i>Chrysobalanus icaco</i>	73.5	0.13	212.5	0.07	15.9	0.03
Coconut palm	<i>Cocos nucifera</i>	4674.4	8.38	31445.9	10.44	5273.9	9.52
Crimson bottlebrush	<i>Callistemon citrinus</i>	362.3	0.65	1292.6	0.43	96.8	0.17
Dahoon holly	<i>Ilex cassine</i>	192.6	0.35	635.4	0.21	85	0.15
Earleaf acacia	<i>Acacia auriculaeformis</i>	2881.9	5.17	12245.1	4.07	2959.6	5.34
Florida fishpoison tree	<i>Piscidia piscipula</i>	43.8	0.08	194.4	0.06	14.6	0.03
Geigertree	<i>Cordia sebestena</i>	5.9	0.01	18.4	0.01	1.4	0
Gumbo limbo	<i>Bursera simaruba</i>	47.4	0.09	250.8	0.08	18.8	0.03
Laurel oak	<i>Quercus laurifolia</i>	74.7	0.13	157.3	0.05	14.1	0.03
Live oak	<i>Quercus virginiana</i>	33196	59.53	175314	58.22	36803.9	66.41
Paradise tree	<i>Simarouba glauca</i>	16.4	0.03	159.6	0.05	12	0.02
Pop ash	<i>Fraxinus caroliniana</i>	8	0.01	33.7	0.01	3	0.01
Pond apple	<i>Annona glabra</i>	5.3	0.01	16.7	0.01	1.3	0
Red maple	<i>Acer rubrum</i>	170.9	0.31	911	0.3	61.4	0.11
Redbay	<i>Persea borbonia</i>	28.3	0.05	107.1	0.04	8	0.01
Roundleaf blolly	<i>Guapira globosa</i>	15.3	0.03	113.6	0.04	8.5	0.02
Royal palm	<i>Roystonea regia</i>	61.4	0.11	482.7	0.16	81	0.15
Royal poinciana	<i>Delonix regia</i>	4742.6	8.5	22326.9	7.41	1671.8	3.02
Sea grape	<i>Coccoloba uvifera</i>	49.3	0.09	212.4	0.07	15.9	0.03
Slash pine	<i>Pinus elliotii</i>	887.3	1.59	3449.9	1.15	332.5	0.6
Southern bayberry	<i>Morella cerifera</i>	4.1	0.01	13.8	0	4.7	0.01
Southern magnolia	<i>Magnolia grandiflora</i>	144.3	0.26	944.1	0.31	127.5	0.23
Southern redcedar	<i>Juniperus virginiana silicicol</i>	225.3	0.4	1712	0.57	475.6	0.86
Spanish stopper	<i>Eugenia foetida</i>	16.4	0.03	67.7	0.02	5.1	0.01
Sugarberry	<i>Celtis laevigata</i>	4.7	0.01	27	0.01	1.8	0
Carpenteria palm	<i>Carpenteria acuminata</i>	60.9	0.11	201.2	0.07	15.1	0.03
Washintonia palm	<i>Washingtonia filifera</i>	4256.9	7.63	30733.6	10.21	4746.3	8.56
West indian mahogany	<i>Swietenia mahogani</i>	14.3	0.03	132.3	0.04	9.9	0.02
Wild lime	<i>Adelia ricinella</i>	50.6	0.09	171	0.06	12.8	0.02
Wild tamarind	<i>Lysiloma latisiliquum</i>	59.3	0.11	365.5	0.12	38.7	0.07
Willow bustic	<i>Sideroxylon salicifolium</i>	32.2	0.06	97.4	0.03	7.3	0.01
TOTAL		55763	100	301126	100	55419	100

Carbon storage and gross carbon sequestration

Carbon storage (kg) and gross carbon sequestration (kg/yr) values and percentages were calculated in i-Tree for all trees on campus. The 1,556 trees store 282,731 kg of carbon and annually sequester 23,474 kilograms of carbon.

The top 5 tree species that store the most kilograms of carbon and sequester the most kilograms of carbon annually is shown in Tables 4.1-4.2, respectively. Tables 5.1-5.2 provide the average carbon storage and gross carbon sequestration value per tree. This data for all species on campus are listed in Table 6, including the total amount of carbon storage and gross carbon sequestration for all species combined.

Table 4. Total carbon storage (kg) (4.1) and gross carbon sequestration (kg/yr) (4.2) values for the top 6 tree species on the Jupiter campus. For exact values per tree, refer to Appendix I.

Table 4.1

Carbon Storage (kg)			
Species Name (Common)	Species Name (Scientific)	Value	%
Live Oak	<i>Quercus virginiana</i>	218,541.7	77.30
Earleaf Acacia	<i>Acacia auriculaeformis</i>	16,390.4	5.80
Royal Poinciana	<i>Delonix regia</i>	14,282.5	5.05
Washingtonia Palm	<i>Washingtonia filifera</i>	9,294.5	3.29
Coconut Palm	<i>Cocos nucifera</i>	4,554.1	1.61
Brazilian Pepper	<i>Schinus terebinthifolius</i>	3,951.0	1.40

Table 4.2

Gross Carbon Sequestration (kg/yr)			
Species Name (Common)	Species Name (Scientific)	Value	%
Live Oak	<i>Quercus virginiana</i>	18,850.6	80.30
Royal Poinciana	<i>Delonix regia</i>	1,527.1	6.51
Earleaf Acacia	<i>Acacia auriculaeformis</i>	935.0	3.98
Crimson Bottlebrush	<i>Callistemon citrinus</i>	274.1	1.17
Brazilian Pepper	<i>Schinus terebinthifolius</i>	269.7	1.15
Washingtonia Palm	<i>Washingtonia filifera</i>	264.5	1.13

Table 5. The Jupiter campus' top 5 tree species for tree carbon storage and sequestration.

Table 5.1

Species Name (Common)	Species Name (Scientific)	Average Carbon Storage (kg) per tree
Live oak	<i>Quercus virginiana</i>	430.2
Earleaf acacia	<i>Acacia auriculaeformis</i>	364.2
Red maple	<i>Acer rubrum</i>	351.2
Australian pine	<i>Casuarina equisetifolia</i>	285.4
Laurel oak	<i>Quercus laurifolia</i>	275.6

Table 5.2

Species Name (Common)	Species Name (Scientific)	Average Gross Carbon Seq (kg/yr) per tree
Live oak	<i>Quercus virginiana</i>	37.1
Red maple	<i>Acer rubrum</i>	28.4
Wild tamarind	<i>Lysiloma latisiliquum</i>	26
Gumbo limbo	<i>Bursera simaruba</i>	21.5
Earleaf acacia	<i>Acacia auriculaeformis</i>	20.8

Table 6. The amount of kilograms of carbon stored per tree species (listed alphabetically by common name) found on the Jupiter campus, and the amount of kilograms of carbon sequestered annually by each species. For exact values per tree, refer to Appendix I.

		Carbon Storage (kg)		Gross Carbon Seq. (kg/yr)	
Species Name (Common)	Species Name (Scientific)	Value	%	Value	%
Australian pine	<i>Casuarina equisetifolia</i>	856.1	0.3	54.1	0.23
Baldcypress	<i>Taxodium distichum</i>	99	0.04	10.6	0.05
Brazilian pepper	<i>Schinus terebinthifolius</i>	3951	1.4	269.7	1.15
Buttonwood	<i>Conocarpus erectus</i>	14.2	0.01	4.7	0.02
Cabbage palmetto	<i>Sabal palmetto</i>	3515.1	1.24	97.8	0.42
Coco plum	<i>Chrysobalanus icaco</i>	941.7	0.33	95.8	0.41
Coconut palm	<i>Cocos nucifera</i>	4554.1	1.61	95.8	0.41
Crimson bottlebrush	<i>Callistemon citrinus</i>	1442.9	0.51	274.1	1.17
Dahoon holly	<i>Ilex cassine</i>	1810.8	0.64	180.4	0.77
Earleaf acacia	<i>Acacia auriculaeformis</i>	16390.4	5.8	935	3.98
Florida fishpoision tree	<i>Piscidia piscipula</i>	120.9	0.04	17.3	0.07
Geigertree	<i>Cordia sebestena</i>	7.2	0	1.9	0.01
Gumbo limbo	<i>Bursera simaruba</i>	384.3	0.14	42.9	0.18
Laurel oak	<i>Quercus laurifolia</i>	275.6	0.1	12.1	0.05

Live oak	<i>Quercus virginiana</i>	218541.7	77.3	18850.6	80.3
Paradise tree	<i>Simarouba glauca</i>	41.9	0.01	8.9	0.04
Pond apple	<i>Annona glabra</i>	34.6	0.01	4.6	0.02
Pop ash	<i>Fraxinus caroliniana</i>	32	0.01	7.2	0.03
Red maple	<i>Acer rubrum</i>	1404.6	0.5	113.6	0.48
Redbay	<i>Persea borbonia</i>	87.6	0.03	10.4	0.04
Roundleaf blolly	<i>Guapira globosa</i>	189.1	0.07	22.4	0.1
Royal palm	<i>Roystonea regia</i>	83.5	0.03	1.4	0.01
Royal poinciana	<i>Delonix regia</i>	14282.5	5.05	1527.1	6.51
Sea grape	<i>Coccoloba uvifera</i>	126.6	0.04	17.2	0.07
Slash pine	<i>Pinus elliotii</i>	1365.7	0.48	133.4	0.57
Southern bayberry	<i>Morella cerifera</i>	70.7	0.03	6.9	0.03
Southern magnolia	<i>Magnolia grandiflora</i>	888.3	0.31	177.4	0.76
Southern redcedar	<i>Juniperus virginiana silicicol</i>	573.3	0.2	60.4	0.26
Spanish stopper	<i>Eugenia foetida</i>	13.5	0	2.5	0.01
Sugarberry	<i>Celtis laevigata</i>	56.4	0.02	6.1	0.03
Carpenteria palm	<i>Carpenteria acuminata</i>	166.9	0.06	35.9	0.15
Washintonia palm	<i>Washingtonia filifera</i>	9294.5	3.29	264.5	1.13
West indian mahogany	<i>Swietenia mahogani</i>	89	0.03	14.6	0.06
Wild lime	<i>Adelia ricinella</i>	246.6	0.09	33.8	0.14
Wild tamarind	<i>Lysiloma latisiliquum</i>	762.8	0.27	77.9	0.33
Willow bustic	<i>Sideroxylon salicifolium</i>	16.3	0.01	5.6	0.02
TOTAL		282731	100	23474	100

Structural tree value

The structural value of the trees on campus were calculated through i-Tree by evaluating four characteristics of each tree; tree species, location, condition, and cross-sectional area at the dbh. The estimated structural value for campus trees was \$2,291,884 dollars. Live Oaks rank highest, valuing \$904,460.00.

The top 5 tree species with the highest structural dollar values is shown in Tables 7 and 8, respectively. Table 7 provides the average dollar value per tree. On average, Royal Palms scored highest for structural value, this can be equated to the size, health, and location of the tree for the value it is providing the Jupiter campus. This data for all species on campus are listed in Table 9, including the total amount of structural value for all species combined.

Table 7. The top five 5 Jupiter campus species for averaged structural tree value on the Jupiter campus.

Species Name (Common)	Species Name (Scientific)	Structural Tree Value (\$) per tree
Royal palm	<i>Roystonea regia</i>	\$2,533.00
Australian pine	<i>Casuarina equisetifolia</i>	\$2,424.30
Coconut palm	<i>Cocos nucifera</i>	\$2,148.69
Red maple	<i>Acer rubrum</i>	\$1,975.50
Washingtonia palm	<i>Washingtonia filifera</i>	\$1,837.47

Table 8. The top 6 species with the greatest structural value on the Jupiter campus.

Top 5 Species Structural Value (\$)			
Species Name (Common)	Species Name (Scientific)	Value	%
Live Oak	<i>Quercus virginiana</i>	\$904,460.0	39.46
Washingtonia Palm	<i>Washingtonia filifera</i>	\$659,651.0	28.78
Coconut Palm	<i>Cocos nucifera</i>	\$416,846.0	18.19
Royal Poinciana	<i>Delonix regia</i>	\$85,410.0	3.73
Earleaf Acacia	<i>Acacia auriculaeformis</i>	\$58,396.0	2.55
Cabbage Palm	<i>Sabal palmetto</i>	\$43,928.0	1.92

Table 9. The structural dollar value for each Jupiter campus tree species. For exact values per tree, refer to Appendix I.

		Structural Tree Value (\$)	
Species Name (Common)	Species Name (Scientific)	Value	%
Pop ash	<i>Fraxinus caroliniana</i>	353	0.02
Australian pine	<i>Casuarina equisetifolia</i>	7273	0.32
Baldcypress	<i>Taxodium distichum</i>	1225	0.05
Brazilian pepper	<i>Schinus terebinthifolius</i>	14733	0.64
Buttonwood	<i>Conocarpus erectus</i>	130	0.01
Cabbage palmetto	<i>Sabal palmetto</i>	43928	1.92
Coco plum	<i>Chrysobalanus icaco</i>	6249	0.27
Coconut palm	<i>Cocos nucifera</i>	416846	18.19
Crimson bottlebrush	<i>Callistemon citrinus</i>	13040	0.57
Dahoon holly	<i>Ilex cassine</i>	10090	0.44

Earleaf acacia	<i>Acacia auriculaeformis</i>	58396	2.55
Florida fishpoision tree	<i>Piscidia piscipula</i>	829	0.04
Geigertree	<i>Cordia sebestena</i>	86	0
Gumbo limbo	<i>Bursera simaruba</i>	2023	0.09
Laurel oak	<i>Quercus laurifolia</i>	513	0.02
Live oak	<i>Quercus virginiana</i>	904460	39.46
Paradise tree	<i>Simarouba glauca</i>	322	0.01
Pond apple	<i>Annona glabra</i>	322	0.01
Red maple	<i>Acer rubrum</i>	7902	0.34
Redbay	<i>Persea borbonia</i>	881	0.04
Roundleaf blolly	<i>Guapira globosa</i>	1026	0.04
Royal palm	<i>Roystonea regia</i>	2533	0.11
Royal poinciana	<i>Delonix regia</i>	85410	3.73
Sea grape	<i>Coccoloba uvifera</i>	829	0.04
Slash pine	<i>Pinus elliotii</i>	28111	1.23
Southern bayberry	<i>Morella cerifera</i>	668	0.03
Southern magnolia	<i>Magnolia grandiflora</i>	9463	0.41
Southern redcedar	<i>Juniperus virginiana silicicol</i>	6398	0.28
Spanish stopper	<i>Eugenia foetida</i>	122	0.01
Sugarberry	<i>Celtis laevigata</i>	596	0.03
Carpenteria palm	<i>Carpenteria acuminata</i>	1760	0.08
Washintonia palm	<i>Washingtonia filifera</i>	659651	28.78
West indian mahogany	<i>Swietenia mahogani</i>	677	0.03
Wild lime	<i>Adelia ricinella</i>	1436	0.06
Wild tamarind	<i>Lysiloma latisiliquum</i>	3446	0.15
Willow bustic	<i>Sideroxylon salicifolium</i>	157	0.01
TOTAL		2291884	100

Pollutants

When calculating averages for species grams of pollution removed, five species were the same for CO, O₃, NO₂, and SO₂ (Table 10.1). Highest ranking species for those pollutants differed from the highest ranking species for particulate matter removal; however, the top removers of particulate matter were the same for both categories (PM_{2.5} and PM₁₀) (Table 10.2). Therefore, certain species are better at removing larger particles of pollution. There is a correlation between greater amounts of particulate matter removed and greater leaf area. The species removing the greatest amounts of CO, O₃, NO₂, and SO₂ are also the five species with the greatest biomass, which is determined by leaf area, canopy cover and health.

Coconut Palms, Washintonia Palms, Earleaf Acacia, and Cabbage Palms were found to remove the most pollutants in that order. On our campus, the only pollutant uptake that differed was the particulate matter at 2.5 and 10 microns, where the lower four species changed positions.

In total, the campus trees remove more than 672,000 grams of pollution annually. The 5 tree species that removed the most pollutants are listed in Tables 11.1-11.3. Pollutant data for all species on the Jupiter campus as well as all species combined are listed in Table 12. The annual dollar value of pollution that tree species on the Jupiter campus remove from the atmosphere are listed in Table 13.

Table 10. The top ranking averaged data for carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), and sulfur dioxide (SO₂) are listed in Table 10.1. Particulate matter of 10 microns (PM₁₀) and particulate matter of 2.5 microns (PM_{2.5}) for species on the Jupiter campus are listed in Tables 10.2.

Table 10.1

Species Name (Common)	Species Name (Scientific)	CO (g)	O ₃ (g)	NO ₂ (g)	SO ₂ (g)
Royal palm	<i>Roystonea regia</i>	9.3	543.5	74.3	26
Live oak	<i>Quercus virginiana</i>	8.3	486.4	66.5	23.3
Earleaf acacia	<i>Acacia auriculaeformis</i>	7.5	441.6	60.3	21.1
Southern redcedar	<i>Juniperus virginiana silicicol</i>	4.2	245.6	33.6	11.8
Baldcypress	<i>Taxodium distichum</i>	3.7	215.3	29.4	10.3

Table 10.2

Species Name (Common)	Species Name (Scientific)	PM _{2.5} (g)	² PM ₁₀ (g)
Royal palm	<i>Roystonea regia</i>	28.9	304.5
Live oak	<i>Quercus virginiana</i>	22.5	236.7
Earleaf acacia	<i>Acacia auriculaeformis</i>	18.8	197.6
Australian pine	<i>Casuarina equisetifolia</i>	15.6	163.7
Red maple	<i>Acer rubrum</i>	14.8	155.8

Table 11. The 5 Jupiter campus tree species removing the most grams of total carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), and sulfur dioxide (SO₂) are listed in Table 11.1. Particulate matter of 10 microns (PM₁₀) and particulate matter of 2.5 (PM_{2.5}) microns from the atmosphere annually for species on the Jupiter campus are listed in Tables 11.2-3, respectively.

Table 11.1

Species Name (Common)	Species Name (Scientific)	CO	O3	NO2	SO2
Live Oak	<i>Quercus virginiana</i>	4223.6	247109.1	33764.7	11831.4
Coconut Palm	<i>Cocos nucifera</i>	605.2	35409.7	4838.4	1695.4
Washingtonia Palm	<i>Washingtonia filifera</i>	544.7	31867.9	4,354.4	1525.8
Earleaf Acacia	<i>Acacia auriculaeformis</i>	339.6	19871	2715.2	951.4
Cabbage Palm	<i>Sabal palmetto</i>	248.5	14539.2	1986.6	696.1

Table 11.2

Species Name (Common)	Species Name (Scientific)	PM10
Live Oak	<i>Quercus virginiana</i>	120,223.50
Coconut Palm	<i>Cocos nucifera</i>	20,435.60
Washingtonia Palm	<i>Washingtonia filifera</i>	19,697.90
Royal Poinciana	<i>Delonix regia</i>	15,765.10
Earleaf Acacia	<i>Acacia auriculaeformis</i>	8,894.00

Table 11.3

Species Name (Common)	Species Name (Scientific)	PM2.5
Live Oak	<i>Quercus virginiana</i>	11427.9
Washingtonia Palm	<i>Washingtonia filifera</i>	1872.4
Royal Poinciana	<i>Delonix regia</i>	1498.6
Coconut Palm	<i>Cocos nucifera</i>	1942.5
Earleaf Acacia	<i>Acacia auriculaeformis</i>	845.4

Table 12. The annual grams of carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), particulate matter of 10 microns (PM₁₀), sulfur dioxide (SO₂), and particulate matter of 2.5 microns (PM_{2.5}) removed from the atmosphere by the Jupiter campus tree species. For exact values per tree, refer to Appendix II.

Pollution Removed (g/yr)							
Species Name (Common)	Species Name (Scientific)	CO	O3	NO2	PM10	SO2	PM2.5
Pop ash	<i>Fraxinus caroliniana</i>	0.3	20.3	2.8	24.5	1	2.3
Australian pine	<i>Casuarina equisetifolia</i>	6.7	392.6	53.7	491.1	18.8	46.7
Baldcypress	<i>Taxodium distichum</i>	3.7	215.3	29.4	129.4	10.3	12.3
Brazilian pepper	<i>Schinus terebinthifolius</i>	26.9	1572.1	214.8	2655.6	75.3	252.4
Buttonwood	<i>Conocarpus erectus</i>	0.6	36.8	5	55.5	1.8	5.3
Cabbage palmetto	<i>Sabal palmetto</i>	248.5	14539	1986.6	8490.3	696.1	807.1
Coco plum	<i>Chrysobalanus icaco</i>	1.8	106.8	14.6	175.1	5.1	16.6
Coconut palm	<i>Cocos nucifera</i>	605.2	35410	4838.4	20436	1695.4	1942.5
Crimson bottlebrush	<i>Callistemon citrinus</i>	11.1	649.9	88.8	990.1	31.1	94.1
Dahoon holly	<i>Ilex cassine</i>	9.8	570.5	78	499.5	27.3	47.5

Earleaf acacia	<i>Acacia auriculaeformis</i>	339.6	19871	2715.2	8894	951.4	845.4
Florida fishpoision tree	<i>Piscidia piscipula</i>	1.7	97.8	13.4	139.5	4.7	13.3
Geigertree	<i>Cordia sebestena</i>	0.2	9.3	1.3	14.7	0.4	1.4
Gumbo limbo	<i>Bursera simaruba</i>	2.2	126.1	17.2	171.9	6	16.3
Laurel oak	<i>Quercus laurifolia</i>	1.6	94.7	12.9	147.5	4.5	14
Live oak	<i>Quercus virginiana</i>	4223.6	247109	33765	120224	11831	11428
Paradise tree	<i>Simarouba glauca</i>	1.4	80.2	11	97.3	3.8	9.2
Pond apple	<i>Annona glabra</i>	0.1	8.4	1.1	13.3	0.4	1.3
Red maple	<i>Acer rubrum</i>	7	412	56.3	623.3	19.7	59.2
Redbay	<i>Persea borbonia</i>	0.9	53.8	7.4	80.5	2.6	7.7
Roundleaf blolly	<i>Guapira globosa</i>	1	57.1	7.8	72.4	2.7	6.9
Royal palm	<i>Roystonea regia</i>	9.3	543.5	74.3	304.5	26	28.9
Royal poinciana	<i>Delonix regia</i>	191.8	11225	1533.7	15765	537.4	1498.6
Sea grape	<i>Coccoloba uvifera</i>	1.8	106.8	14.6	153.7	5.1	14.6
Slash pine	<i>Pinus elliotii</i>	38.2	2232.4	305	2572.2	106.9	244.5
Southern bayberry	<i>Morella cerifera</i>	0.5	31.8	4.3	10.8	1.5	1
Southern magnolia	<i>Magnolia grandiflora</i>	14.6	856	117	617	41	58.7
Southern redcedar	<i>Juniperus virginiana silicicol</i>	54.6	3193.1	436.3	1086.8	152.9	103.3
Spanish stopper	<i>Eugenia foetida</i>	0.6	34	4.7	49.6	1.6	4.7
Sugarberry	<i>Celtis laevigata</i>	0.2	12.3	1.7	18.1	0.6	1.7
Carpenteria palm	<i>Carpenteria acuminata</i>	1.7	101.1	13.8	158.1	4.8	15
Washintonia palm	<i>Washingtonia filifera</i>	544.7	31868	4354.4	19698	1525.8	1872.4
West indian mahogany	<i>Swietenia mahogani</i>	1.1	66.5	9.1	81.3	3.2	7.7
Wild lime	<i>Adelia ricinella</i>	1.5	86	11.8	133.3	4.1	12.7
Wild tamarind	<i>Lysiloma latisiliquum</i>	4.4	259.6	35.5	241.9	12.4	23
Willow bustic	<i>Sideroxylon salicifolium</i>	0.8	48.9	6.7	78.9	2.3	7.5
TOTAL		6360	372097.5	50843	205394	17815	19524

Table 13. The annual dollar value of pollution that Jupiter campus tree species remove from the atmosphere. For exact values per tree, refer to Appendix II.

Removal Value (\$/yr)							
Species Name (Common)	Species Name (Scientific)	CO	O3	NO2	PM10	SO2	PM2.5
Pop ash	<i>Fraxinus caroliniana</i>	0	0.12	0	0.74	0	0.67

Australian pine	<i>Casuarina equisetifolia</i>	0.01	2.4	0.03	14.88	0	13.4
Baldcypress	<i>Taxodium distichum</i>	0	1.32	0.01	3.92	0	3.53
Brazilian pepper	<i>Schinus terebinthifolius</i>	0.03	9.6	0.11	80.44	0.01	72.45
Buttonwood	<i>Conocarpus erectus</i>	0	0.22	0	1.68	0	1.51
Cabbage palmetto	<i>Sabal palmetto</i>	0.31	88.81	1.01	257.17	0.1	231.62
Coco plum	<i>Chrysobalanus icaco</i>	0	0.65	0.01	5.3	0	4.78
Coconut palm	<i>Cocos nucifera</i>	0.76	216.31	2.45	618.99	0.24	557.5
Crimson bottlebrush	<i>Callistemon citrinus</i>	0.01	3.97	0.05	29.99	0	27.01
Dahoon holly	<i>Ilex cassine</i>	0.01	3.49	0.04	15.13	0	13.63
Earleaf acacia	<i>Acacia auriculaeformis</i>	0.43	121.39	1.38	269.4	0.13	242.63
Florida fishpoison tree	<i>Piscidia piscipula</i>	0	0.6	0.01	4.22	0	3.81
Geigertree	<i>Cordia sebestena</i>	0	0.06	0	0.45	0	0.4
Gumbo limbo	<i>Bursera simaruba</i>	0	0.77	0.01	5.21	0	4.69
Laurel oak	<i>Quercus laurifolia</i>	0	0.58	0.01	4.47	0	4.02
Live oak	<i>Quercus virginiana</i>	5.29	1509.51	17.13	3641.56	1.66	3279.78
Paradise tree	<i>Simarouba glauca</i>	0	0.49	0.01	2.95	0	2.65
Pond apple	<i>Annona glabra</i>	0	0.05	0	0.4	0	0.36
Red maple	<i>Acer rubrum</i>	0.01	2.52	0.03	18.88	0	17
Redbay	<i>Persea borbonia</i>	0	0.33	0	2.44	0	2.2
Roundleaf blolly	<i>Guapira globosa</i>	0	0.35	0	2.19	0	1.98
Royal palm	<i>Roystonea regia</i>	0.01	3.32	0.04	9.22	0	8.31
Royal poinciana	<i>Delonix regia</i>	0.24	68.57	0.78	477.52	0.08	430.08
Sea grape	<i>Coccoloba uvifera</i>	0	0.65	0.01	4.65	0	4.19
Slash pine	<i>Pinus elliotii</i>	0.05	13.64	0.15	77.91	0.01	70.17
Southern bayberry	<i>Morella cerifera</i>	0	0.19	0	0.33	0	0.29
Southern magnolia	<i>Magnolia grandiflora</i>	0.02	5.23	0.06	18.69	0.01	16.83
Southern redcedar	<i>Juniperus virginiana silicicol</i>	0.07	19.51	0.22	32.92	0.02	29.65
Spanish stopper	<i>Eugenia foetida</i>	0	0.21	0	1.5	0	1.35
Sugarberry	<i>Celtis laevigata</i>	0	0.08	0	0.55	0	0.49
Carpenteria palm	<i>Carpenteria acuminata</i>	0	0.62	0.01	4.79	0	4.31
Washintonia palm	<i>Washingtonia filifera</i>	0.68	194.67	2.21	596.65	0.21	537.37
West indian mahogany	<i>Swietenia mahogani</i>	0	0.41	0	2.46	0	2.22

Wild lime	<i>Adelia ricinella</i>	0	0.53	0.01	4.04	0	3.64
Wild tamarind	<i>Lysiloma latisiliquum</i>	0.01	1.59	0.02	7.33	0	6.6
Willow bustic	<i>Sideroxylon salicifolium</i>	0	0.3	0	2.39	0	2.15
TOTAL		7.97	2273	25.79	6221.4	2.5	5603.3

Volatile organic compounds

The Volatile organic compounds (VOCs) emitted by the trees on the Jupiter were also calculated by the i-Tree software. These VOCs are comprised of isoprene and monoterpene. Table 14 lists the values for both isoprene and monoterpene as well as their combined totals.

Table 14: The annual grams of volatile organic compounds emitted by campus trees. For exact values per tree, refer to Appendix II.

VOC Emission (g/yr)				
Species Name (Common)	Species Name (Scientific)	Isoprene	Monoterpene	VOCs
Australian pine	<i>Casuarina equisetifolia</i>	4073.39	34.03	4107.41
Baldcypress	<i>Taxodium distichum</i>	3.19	559.76	562.95
Brazilian pepper	<i>Schinus terebinthifolius</i>	0	4630.8	4630.8
Buttonwood	<i>Conocarpus erectus</i>	59.94	0	59.94
Cabbage palmetto	<i>Sabal palmetto</i>	30164.52	1259.83	31424.35
Coco plum	<i>Chrysobalanus icaco</i>	0.76	2.59	3.35
Coconut palm	<i>Cocos nucifera</i>	95401.5	2454.67	97856.18
Crimson bottlebrush	<i>Callistemon citrinus</i>	1357.89	0	1357.89
Dahoon holly	<i>Ilex cassine</i>	8.45	98.84	107.29
Earleaf acacia	<i>Acacia auriculaeformis</i>	294.48	51655.43	51949.91
Florida fishpoision tree	<i>Piscidia piscipula</i>	134.88	27.68	162.55
Geigertree	<i>Cordia sebestena</i>	0	0	0
Gumbo limbo	<i>Bursera simaruba</i>	158	120.17	278.17
Laurel oak	<i>Quercus laurifolia</i>	981.92	16.4	998.32
Live oak	<i>Quercus virginiana</i>	0	0	0
Paradise tree	<i>Simarouba glauca</i>	0	0	0
Pond apple	<i>Annona glabra</i>	0	0	0
Pop ash	<i>Fraxinus caroliniana</i>	0.3	1.76	2.07
Red maple	<i>Acer rubrum</i>	6.1	571.09	577.19
Redbay	<i>Persea borbonia</i>	0.8	27.98	28.78
Roundleaf blolly	<i>Guapira globosa</i>	0.85	4.95	5.8
Royal palm	<i>Roystonea regia</i>	1464.28	37.68	1501.96
Royal poinciana	<i>Delonix regia</i>	166.34	1945.28	2111.62
Sea grape	<i>Coccoloba uvifera</i>	1.58	9.25	10.84

Slash pine	<i>Pinus elliottii</i>	33.08	5803.37	5836.45
Southern bayberry	<i>Morella cerifera</i>	0.47	66.25	66.72
Southern magnolia	<i>Magnolia grandiflora</i>	12.69	2225.33	2238.02
Southern redcedar	<i>Juniperus virginiana silicicol</i>	47.32	1660.05	1707.36
Spanish stopper	<i>Eugenia foetida</i>	51.42	0	51.42
Sugarberry	<i>Celtis laevigata</i>	0.18	2.13	2.32
Carpenteria palm	<i>Carpenteria acuminata</i>	0.72	2.45	3.17
Washintonia palm	<i>Washingtonia filifera</i>	66119.23	2761.48	68880.71
West indian mahogany	<i>Swietenia mahogani</i>	0.99	5.76	6.75
Wild lime	<i>Adelia ricinella</i>	0.85	9.93	10.78
Wild tamarind	<i>Lysiloma latisiliquum</i>	358.38	73.54	431.92
Willow bustic	<i>Sideroxylon salicifolium</i>	0	0	0
TOTAL		200905	76068.5	276973

Stormwater runoff

Total avoided runoff due to storm water uptake by campus trees was 1399.8 cubic meters annually, giving the campus trees a structural runoff value of \$3,291 dollars.

Values for avoided runoff will vary by tree based on the amount of root biomass present.

A tree that has larger and more abundant root systems will be able to absorb more water and therefore have a greater runoff uptake value. Results for avoided runoff are calculated per individual tree and can be found in Appendix III.

DISCUSSION

Urban forests benefit the environment where they are planted (Nowak et al. 2008, 347). I-Tree Eco provided a quantitative estimate of the Jupiter campus' tree benefits.

After tree data were collected and entered into i-Tree, they were merged with local hourly weather and air pollution concentration data to calculate structural and functional information using a series of scientific equations or algorithms assessing the annual environmental benefits and ecosystem services of those trees (*i-Tree Eco Manual v. 5, iii*).

Through email communication with representatives from other institutions of higher education in Florida that had conducted tree inventories, it was confirmed that this was the first study using the i-Tree Eco Full Inventory Assessment conducted on a college campus in the state of Florida. All email citations in References are the citations for confirmation of this information.

Analyses of the campus urban forestry economic structural values, air quality improvements via pollutant uptake, and avoided runoff were calculated by using data collected from each tree to provide the square meters of canopy cover, leaf area, and kilograms of leaf biomass; all of which is affected by the condition class of each individual tree. Live Oaks and Washintonia Palms were donated to the campus in large numbers over several years, these trees were the most abundant species, with Live Oaks being the most common by far (totaling 508/1556, a third of all trees).

Canopy cover, leaf area and leaf biomass

Collected data such as crown percent die back, crown percent missing, and the size of the tree made it possible for i-Tree to assess the health of campus trees. Because Jupiter campus trees are mainly planted for landscaping purposes, trees do not need to compete for nutrients and sunlight like they would in a dense forest canopy. Further, when a tree looks unhealthy or is dying, a maintenance crew is brought in to take care of the issue. For this reason, our campus trees tend to be very healthy and no dead trees were found on campus. Table 5 shows the division of Jupiter campus trees based on their health.

Many tree benefits equate directly to the amount of healthy leaf surface area of the plant. Canopy cover, leaf area, and leaf biomass are necessary for evaluating the pollution data that i-Tree provides. For example, having data on species leaf area and leaf biomass clarifies why one species may store and/or sequester more carbon than another. An additional factor that i-Tree calculates is that trees used for landscape purposes generally have less biomass above ground than a similar tree growing in a forest (Nowak and Crane 2000, 714-715). Landscape trees are often maintained by various pruning methods as oppose to unmanaged trees growing in forest ecosystems whose canopies are able to grow freely. Thus, one of the necessary data collection components is “Field Land-Use” where data collectors may enter whether trees are landscape trees or not, so that the forest-derived biomass equations can be adapted to landscape trees (Nowak and Crane 2000, 714-715). This factor was pertinent for Jupiter campus trees as values for these data would be very different if they were not known as Landscape Trees. For more information on each species characteristics refer to Table 3, for species with the highest values for these characteristics refer to the Averages Table (Table 2).

Structural tree value

I-Tree calculated an estimate of the AOI compensatory tree value based on the cross-sectional area of the trunk where the dbh was recorded, the type of species, and the tree’s location and condition (Nowak, Crane, and Dwyer 2002, 194-195). The larger and healthier the tree, the more efficient it will be at providing ecosystem services for its owner. Trees in the best condition- generally large trees with full, healthy canopies- ranked the highest on average for their dollar value. Another major factor for trees having the highest average dollar value was their location, specifically their ranking for Crown

Light Exposure data. When a tree has a higher ranking for light exposure, it means that it is in an ideal location where it does not have to compete with other trees for nutrients and therefore is more productive. The structural or compensatory value of a tree is based on methods from the Council of Tree and Landscape Appraisers stating, “compensatory value is based on the replacement cost of a similar tree, is used for monetary settlement for damage or death of plants through litigation, insurance claims of direct payment, and loss of property value for income tax deduction” (Nowak, Crane, and Dwyer 2002, 194). This explains why on the Jupiter campus Royal Palm had the highest average structural value. There was only one Royal Palm on the campus; it was a large healthy individual with excellent light exposure and little nutrient competition, therefore it is able to provide the Jupiter campus with the greatest amount of ecosystem services annually per individual tree. Refer to Tables 7 and 8 for the highest averaged and non-averaged values, and Table 9 for the structural value per species.

Carbon storage and carbon sequestration

As forests and urban forests grow and change over time, so do the dynamics of their function as a carbon source and sink. The larger the tree and its root system, and the more dense the canopy, the better the tree is able to act as a sink for carbon dioxide (CO₂) because carbon storage is the amount of carbon stored above and below the ground while the tree is alive. Carbon sequestration is a growth component for trees- by fixing carbon during photosynthesis and storing the product (sugars, which are food for the plant and help it grow) biomass is accumulated (Nowak et al. 2014, 229). When trees die, the carbon they currently store is released back into the atmosphere as the decaying process occurs. Carbon storage is different from carbon sequestration because sequestration is the

annual amount of carbon that is taken up by the plant; some of this carbon is stored and the rest of it is used in plant processes such as photosynthesis and is therefore returned to the ecosystem as oxygen. Carbon storage and sequestration are calculated based on three analyses;

“(a) field data and model analyses from several cities and states to estimate total carbon storage and sequestration in these areas, (b) photo-interpretation of tree cover in these areas to determine carbon densities per unit of tree cover, and (c) photo-interpretation of tree cover in urban and community areas in each U.S. state to estimate statewide urban forest carbon values” (Nowak et al. 2014, 230).

i-Tree also accounts for the amount of carbon that would be emitted once the tree has died (Nowak and Crane 2000, 716) in their analysis. Carbon storage and sequestration are based on the biomass of the tree; therefore species that have larger, denser canopies will store and sequester more carbon annually, as well as having greater mass above and below ground for storage. Palms have smaller root masses than trees such as Oaks and therefore are generally unable to store or sequester as much carbon. Thus, Live Oaks have a high ranking not just because they are the most abundant, but because they are able to store and sequester more carbon based on their leaf area, biomass, canopy cover, and condition class. The only other tree with a higher ranking than Live Oak was the Laurel Oak. However, there is only one individual of this species on campus (refer to Tables 5.1, 5.2, and 6).

Pollutants

An estimate of the hourly dry deposition in grams of carbon monoxide (CO), ozone (O₃), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and particulate matter of 10 and 2.5 microns removed by campus trees annually was also calculated. Removal of

particulate matter, especially matter that is less than 2.5 microns is extremely important for human health. These smaller particulates are associated with “premature mortality, pulmonary inflammation, accelerated atherosclerosis, and altered cardiac functions” (Nowak et al. *Modeled PM 2.5 removal*, 395). Their removal happens not through absorption, but through collection on leaf surface where the matter can then be absorbed into the tree or dropped to the ground if part of the tree breaks off. Meteorological data is pertinent for calculating particulate removal because the density of particulates in the atmosphere varies based on precipitation and wind speed, as rain moves the accumulated particles on leaves down into the soil (Nowak et al. *Modeled PM 2.5 removal*, 399).

Another component of this analysis is location, specifically crown light exposure. Trees whose canopies are exposed to the atmosphere will catch more particulates. Removal of these air pollutants is based on the amount of tree cover, hourly weather data from the National Climatic Data Center (NCDC), and pollution concentration monitoring data provided by the U.S. Environmental Protection Agency (EPA) (Hirabayashi 2012, 2).

The monetary value of pollution removal by trees is calculated in dollars per metric ton (t) and is “estimated using the median externality values for the U.S. for each pollutant. These values are: $\text{NO}_2 = \$6,752 \text{ t}^{-1}$, $\text{O}_3 = \$6,752 \text{ t}^{-1}$, $\text{PM}_{10} = \$4,508 \text{ t}^{-1}$, $\text{SO}_2 = \$1,653 \text{ t}^{-1}$, and $\text{CO} = \$959 \text{ t}^{-1}$ ” (Nowak and Crane 2000, 717). Atmospheric pollution that is gaseous is absorbed by trees directly from the air through the leaves stomata (Yang et al. 2005, 65-66). Therefore, species with greater biomass will absorb the most gaseous pollution. By actively removing these pollutants, air quality is improved on campus and in the surrounding area. Values for gaseous and particulate matter uptake can be found in Tables 10-13.

Volatile organic compounds

Total emission removal of Biogenic Volatile Organic Compounds (VOCs) was calculated in grams annually for isoprene, monoterpene, and other VOC emissions that contribute to O₃ and CO formation. These calculations determine the hourly VOC emissions by urban forests based on a combination of field and meteorological data (Nowak and Crane 2000, 715-716). Isoprene and Monoterpene are two VOCs that are emitted naturally by plants when they are experiencing heat stress, however, via evapotranspiration and shading trees can also reduce air temperatures and thus reduce BVOC emissions generated for cooling purposes (Yang et al. 2005, 66). These values are important because as climate change impacts the planet, warmer temperatures will cause plants to emit more of these compounds. This data is particularly important for the Jupiter campus because trees in south Florida often emit BVOCs during summer when high temperatures stress them. Therefore, noting which species emit less of these compounds can help campus planners reduce urban heat island effects. Emission values for BVOCs can be found in Table 14.

Stormwater runoff

Calculated avoided runoff and the dollar value are important for understanding how to better manage artificial storm water treatment facilities. The more trees we plant, the more water will be absorbed by tree root systems and the less we have to spend on inputting artificial systems into communities. Runoff values were calculated based on an average dollar amount for the U.S., which was calculated at \$0.008936/gallon. This number was the result of 16 studies of costs of stormwater control across the nation

(Hirabayashi 2012, 2). Avoided runoff value is pertinent in understanding how the Jupiter campus can better manage the economic aspects of artificial storm water management, especially in future planning for campus expansion. Values can be found in Appendix III.

CONCLUSION

The results indicate that the Jupiter campus benefits from the ecosystem services that its trees provide in terms of improved air quality and compensatory value savings through being planted as institutional landscaping trees.

Average calculated tree species values in this study determine that Live Oaks are the best Florida native tree to plant if the goal for urban forest planting is to act as a carbon sink for storage and sequestration. While numerous exotic species rank high in all categories, these species are not recommended for planting due to their negative impacts on flora and fauna biodiversity. If the urban forester is looking to plant trees good for gaseous and particulate pollutant removal, trees with large leaf areas would be the best. This study identifies Royal Palms and Live Oaks, again two native Florida species, as ideal for uptake of these substances. Lastly, tree structural value can largely be determined by the planter. When selecting trees for urban areas, their location relative to infrastructure as well as to other trees should be considered. Size, condition, and the type of tree in order to maximize potential ecosystem services should also be considered. Plans for future infrastructure building on campus should take these calculations into consideration to better campus urban forestry management strategies in the future.

This study should be conducted again in five to ten years, as the campus trees are manicured, replanted, and continue to grow these values are subject to change. I-Tree

also offers a variety of other programs that are available through their website for free and assess different aspects of urban forestry. Future studies could be done employing these other programs for a more complete understanding of the urban forestry ecosystem on campus.

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Individual Tree Characteristics in FAU Honors

Series: Import Inventory, Time Period: 2016

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1	Live oak	23.4	10.4	26.30	Excellent	126.84	26.63	4.82	138.92	20.97	910.0	NO	YES
2	Live oak	40.6	11.9	77.10	Excellent	426.91	89.62	5.54	552.95	47.67	2,204.0	NO	YES
3	Live oak	29.5	11.6	72.40	Excellent	447.11	93.86	6.18	267.55	29.54	1,287.0	NO	YES
4	Live oak	45.7	11.6	89.40	Excellent	377.39	79.23	4.22	727.43	56.85	2,718.0	NO	YES
5	Live oak	38.9	12.8	72.40	Excellent	498.19	104.59	6.88	503.82	44.60	2,039.0	NO	YES
6	Live oak	33.5	8.5	45.60	Good	239.38	50.25	5.25	338.60	35.79	1,508.0	NO	YES
7	Live oak	40.4	11.3	102.60	Excellent	461.95	96.98	4.5	547.79	47.23	2,180.0	NO	YES
8	washingtonia spp	26.9	12.2	6.60	Excellent	52.01	8.03	7.9	29.35	0.92	2,145.0	NO	NO
9	washingtonia spp	27.2	11.6	7.30	Excellent	48.88	7.55	6.7	25.53	0.84	2,145.0	NO	NO
10	washingtonia spp	24.4	13.7	11.40	Excellent	102.61	15.85	9	43.17	1.15	2,223.0	NO	NO
11	washingtonia spp	27.2	14.3	10.50	Good	82.15	12.69	7.82	46.88	1.25	2,406.0	NO	NO
12	washingtonia spp	33.0	9.8	6.60	Dying	4.87	0.75	0.74	13.95	0.09	309.0	NO	NO
13	washingtonia spp	29.2	10.7	9.60	Excellent	61.06	9.43	6.33	21.49	0.72	1,912.0	NO	NO
14	washingtonia spp	34.5	12.8	13.30	Excellent	116.35	17.97	8.75	37.32	1.01	1,990.0	NO	NO
15	washingtonia spp	26.4	11.0	11.40	Excellent	85.02	13.13	7.46	24.48	0.75	1,757.0	NO	NO
16	washingtonia spp	33.0	12.5	10.50	Excellent	79.46	12.27	7.56	33.00	0.97	2,145.0	NO	NO
17	washingtonia spp	29.7	12.8	8.00	Good	51.12	7.90	6.35	33.29	1.01	2,332.0	NO	NO
18	Royal poinciana	29.5	9.4	53.20	Excellent	286.05	21.42	5.38	174.83	21.42	984.0	NO	NO
19	Royal poinciana	28.3	9.1	35.30	Excellent	208.49	15.61	5.9	158.23	20.22	937.0	NO	NO
20	Royal poinciana	34.6	11.0	70.10	Excellent	432.51	32.39	6.17	258.48	26.88	1,210.0	NO	NO
21	washingtonia spp	24.9	10.4	9.60	Poor	31.79	4.91	3.29	18.25	0.51	1,378.0	NO	NO
22	washingtonia spp	26.7	11.9	8.00	Excellent	49.29	7.61	6.13	27.33	0.88	2,300.0	NO	NO
23	washingtonia spp	26.2	8.8	8.00	Excellent	60.26	9.31	7.49	13.97	0.50	1,292.0	NO	NO
24	washingtonia spp	28.4	10.7	8.80	Excellent	46.58	7.19	5.28	20.59	0.72	2,145.0	NO	NO
25	washingtonia spp	21.6	11.3	8.00	Excellent	46.09	7.12	5.73	23.68	0.79	2,223.0	NO	NO
26	washingtonia spp	26.9	14.3	10.50	Excellent	96.20	14.86	9.16	47.75	1.25	2,378.0	NO	NO
27	washingtonia spp	23.6	13.1	7.30	Excellent	68.70	10.61	9.42	36.51	1.06	2,145.0	NO	NO
28	Live oak	19.3	6.4	21.10	Excellent	96.21	20.20	4.56	87.34	15.84	707.0	NO	YES
29	Live oak	25.4	6.4	26.30	Excellent	114.32	24.00	4.34	167.85	23.72	1,026.0	NO	YES
30	Live oak	29.2	8.8	38.60	Excellent	234.64	49.26	6.08	244.74	29.17	1,270.0	NO	YES
31	Live oak	26.2	8.5	30.70	Excellent	201.41	42.28	6.57	187.40	24.78	1,072.0	NO	YES
32	Live oak	25.4	9.4	25.00	Excellent	177.94	37.36	7.13	173.19	23.72	1,026.0	NO	YES
33	Live oak	25.4	8.2	30.70	Excellent	183.93	38.61	6	173.70	23.72	1,026.0	NO	YES
34	Live oak	23.6	10.7	32.20	Excellent	250.46	52.58	7.78	152.84	21.31	924.0	NO	YES
35	Live oak	27.9	9.4	17.50	Excellent	126.33	26.52	7.21	211.81	27.31	1,185.0	NO	YES
36	Live oak	28.2	7.9	33.70	Excellent	168.38	35.35	4.99	219.98	27.68	1,202.0	NO	YES
37	Live oak	20.1	10.4	32.20	Excellent	230.43	48.37	7.16	106.74	16.77	742.0	NO	YES
38	Live oak	40.6	11.0	55.20	Excellent	237.50	49.86	4.3	537.05	26.47	2,204.0	NO	YES
39	Live oak	24.6	13.7	30.70	Good	166.23	34.90	5.42	160.52	12.50	933.0	NO	YES
40	Live oak	35.8	10.7	35.30	Excellent	162.14	34.04	4.59	389.68	21.89	1,772.0	NO	YES
41	Live oak	24.1	8.5	40.30	Excellent	216.52	45.45	5.37	157.25	21.99	953.0	NO	YES
42	Live oak	21.1	7.9	26.30	Excellent	138.88	29.15	5.27	110.63	18.03	791.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
43	Live oak	26.4	9.8	35.30	Excellent	99.37	20.86	2.81	183.03	25.13	1,088.0	NO	YES
44	Live oak	19.3	7.3	18.70	Excellent	95.56	20.06	5.12	87.29	15.84	707.0	NO	YES
45	Live oak	26.9	8.2	22.30	Excellent	132.00	27.71	5.91	194.36	25.85	1,120.0	NO	YES
46	Live oak	25.9	9.4	36.90	Excellent	235.49	49.44	6.38	186.12	24.42	1,057.0	NO	YES
47	Live oak	31.8	7.9	40.30	Fair	208.26	43.72	5.17	295.13	33.01	1,190.0	NO	YES
48	Live oak	20.1	6.1	23.60	Excellent	97.29	20.42	4.12	95.56	16.77	742.0	NO	YES
49	washingtonia spp	22.9	10.1	5.90	Excellent	33.95	5.24	5.74	17.03	0.64	1,990.0	NO	NO
50	washingtonia spp	27.4	13.4	10.50	Excellent	69.94	10.80	6.66	38.82	1.10	2,533.0	NO	NO
51	washingtonia spp	26.7	13.1	7.30	Good	78.72	12.16	10.79	37.13	1.06	1,817.0	NO	NO
52	washingtonia spp	27.4	13.4	13.30	Excellent	76.17	11.76	5.73	39.21	1.10	2,688.0	NO	NO
53	washingtonia spp	22.6	11.0	8.00	Excellent	39.66	6.12	4.93	21.68	0.75	2,223.0	NO	NO
54	washingtonia spp	27.2	10.4	4.70	Excellent	26.79	4.14	5.74	17.94	0.68	2,145.0	NO	NO
55	washingtonia spp	26.9	13.4	9.60	Good	61.06	9.43	6.33	38.27	1.10	2,480.0	NO	NO
56	washingtonia spp	23.9	8.5	10.50	Excellent	61.57	9.51	5.86	13.05	0.47	1,447.0	NO	NO
57	washingtonia spp	24.1	10.4	5.90	Excellent	31.65	4.89	5.35	18.24	0.68	2,145.0	NO	NO
58	Royal poinciana	37.9	11.9	67.90	Excellent	407.24	30.49	6	323.91	30.66	1,377.0	NO	NO
59	Royal poinciana	15.8	7.3	33.70	Excellent	154.44	11.56	4.58	39.06	9.10	556.0	NO	NO
60	washingtonia spp	39.9	11.9	17.50	Excellent	99.65	15.39	5.68	30.94	0.90	2,300.0	NO	NO
61	washingtonia spp	31.2	10.7	13.30	Excellent	80.92	12.50	6.09	22.72	0.72	1,912.0	NO	NO
62	washingtonia spp	26.7	13.1	10.50	Critical	84.69	13.08	8.06	37.50	0.44	822.0	NO	NO
63	washingtonia spp	23.6	12.2	11.40	Excellent	85.02	13.13	7.46	31.39	0.92	2,067.0	NO	NO
64	washingtonia spp	30.7	13.7	13.30	Fair	91.34	14.11	6.87	42.48	1.15	2,077.0	NO	NO
65	Royal poinciana	27.8	7.6	57.20	Excellent	286.14	21.43	5	150.56	19.62	919.0	NO	NO
66	washingtonia spp	27.2	14.0	8.00	Excellent	56.35	8.70	7.01	42.75	1.20	2,688.0	NO	NO
67	washingtonia spp	28.2	13.4	8.00	Excellent	56.35	8.70	7.01	37.98	1.10	2,533.0	NO	NO
68	washingtonia spp	30.5	12.8	11.40	Excellent	66.17	10.22	5.8	34.22	1.01	2,533.0	NO	NO
69	washingtonia spp	26.9	13.4	10.50	Excellent	96.20	14.86	9.16	40.44	1.10	2,145.0	NO	NO
70	washingtonia spp	30.5	11.3	8.00	Excellent	56.35	8.70	7.01	24.31	0.79	1,990.0	NO	NO
71	washingtonia spp	29.5	11.0	8.80	Good	38.22	5.90	4.33	21.59	0.75	2,332.0	NO	NO
72	Live oak	39.6	13.1	84.30	Excellent	449.65	94.39	5.33	522.91	45.91	2,109.0	NO	YES
73	Royal poinciana	32.0	9.1	57.20	Excellent	217.87	16.31	3.81	212.53	13.28	1,092.0	NO	NO
74	Live oak	27.7	8.8	51.20	Excellent	204.93	43.02	4	213.83	14.88	1,168.0	NO	YES
75	Live oak	45.0	9.4	97.20	Excellent	428.94	90.05	4.41	703.42	55.46	2,638.0	NO	YES
76	Live oak	37.8	12.8	89.40	Excellent	363.36	76.28	4.07	462.67	23.78	1,948.0	NO	YES
77	Live oak	44.2	13.4	94.60	Excellent	372.96	78.29	3.94	670.10	30.03	2,557.0	NO	YES
78	Live oak	40.6	12.2	89.40	Excellent	353.43	74.20	3.95	546.78	26.47	2,204.0	NO	YES
79	Live oak	38.6	12.8	105.40	Excellent	475.02	99.72	4.51	494.31	44.16	2,016.0	NO	YES
80	Live oak	38.1	12.2	92.00	Excellent	461.57	96.90	5.02	478.27	43.30	1,970.0	NO	YES
81	Live oak	37.1	11.6	108.20	Excellent	453.21	95.14	4.19	448.63	41.59	1,881.0	NO	YES
82	washingtonia spp	24.9	11.6	14.30	Excellent	86.59	13.37	6.05	27.86	0.84	2,145.0	NO	NO
83	washingtonia spp	20.6	12.5	8.80	Excellent	45.77	7.07	5.18	30.91	0.97	2,533.0	NO	NO
84	washingtonia spp	28.4	13.7	8.80	Excellent	69.17	10.68	7.83	41.11	1.15	2,455.0	NO	NO
85	washingtonia spp	23.6	12.8	9.60	Poor	69.52	10.74	7.2	34.42	0.77	1,426.0	NO	NO
86	washingtonia spp	22.4	13.7	9.60	Excellent	71.95	11.11	7.46	41.28	1.15	2,455.0	NO	NO
87	washingtonia spp	24.9	10.4	14.30	Excellent	103.49	15.98	7.24	22.68	0.68	1,602.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
88	washingtonia spp	31.5	11.0	10.50	Excellent	74.55	11.51	7.1	23.84	0.75	1,835.0	NO	NO
89	washingtonia spp	28.2	8.5	12.30	Excellent	62.80	9.70	5.09	13.13	0.47	1,602.0	NO	NO
90	Royal poinciana	25.1	9.4	35.30	Poor	47.57	3.56	1.35	119.84	7.20	509.0	NO	NO
91	Royal poinciana	37.0	11.3	51.20	Critical	47.06	3.52	0.92	304.27	6.83	492.0	NO	NO
92	Royal poinciana	30.2	11.9	36.90	Good	158.51	11.87	4.29	189.15	22.47	965.0	NO	NO
93	washingtonia spp	21.1	7.9	8.00	Excellent	40.31	6.23	5.01	9.95	0.41	1,525.0	NO	NO
94	washingtonia spp	25.1	8.8	13.30	Excellent	76.17	11.76	5.73	14.95	0.50	1,525.0	NO	NO
95	washingtonia spp	23.6	9.4	15.30	Excellent	69.13	10.68	4.51	16.71	0.57	1,990.0	NO	NO
97	washingtonia spp	22.4	7.9	7.30	Excellent	39.85	6.15	5.46	9.92	0.41	1,447.0	NO	NO
98	washingtonia spp	24.9	11.6	8.00	Excellent	73.67	11.38	9.16	27.06	0.84	1,757.0	NO	NO
99	washingtonia spp	24.6	12.8	12.30	Excellent	123.65	19.10	10.03	37.77	1.01	1,835.0	NO	NO
100	washingtonia spp	24.9	12.2	8.00	Excellent	90.07	13.91	11.2	31.70	0.92	1,525.0	NO	NO
101	washingtonia spp	19.8	13.4	13.30	Excellent	167.28	25.84	12.58	44.83	1.10	1,680.0	NO	NO
102	Royal poinciana	25.2	13.4	29.20	Fair	110.11	8.24	3.77	124.31	17.70	674.0	NO	NO
103	Royal poinciana	26.2	11.6	38.60	Fair	54.58	4.09	1.41	133.95	10.18	702.0	NO	NO
104	washingtonia spp	22.6	11.6	47.40	Good	202.63	31.29	4.27	35.03	0.47	1,890.0	NO	NO
105	washingtonia spp	22.6	9.8	11.40	Excellent	66.17	10.22	5.8	17.74	0.34	1,757.0	NO	NO
107	washingtonia spp	23.6	6.1	9.60	Excellent	69.52	10.74	7.2	7.77	0.25	594.0	NO	NO
108	washingtonia spp	23.9	8.5	13.30	Excellent	131.32	20.28	9.88	17.36	0.47	749.0	NO	NO
109	washingtonia spp	23.9	8.5	13.30	Excellent	131.32	20.28	9.88	17.36	0.47	749.0	NO	NO
110	Royal poinciana	25.3	6.7	42.00	Excellent	179.33	13.43	4.27	119.06	17.13	827.0	NO	NO
111	Royal poinciana	20.6	9.1	51.20	Excellent	286.46	21.45	5.59	74.19	13.11	675.0	NO	NO
112	Royal poinciana	21.6	11.0	53.20	Excellent	240.69	18.02	4.52	84.33	7.79	704.0	NO	NO
113	Royal poinciana	22.6	11.0	47.40	Excellent	219.90	16.47	4.63	94.28	8.30	736.0	NO	NO
114	Royal poinciana	22.9	11.0	51.20	Excellent	233.77	17.50	4.56	96.81	8.43	744.0	NO	NO
115	Royal poinciana	17.5	11.0	38.60	Excellent	264.55	19.81	6.85	51.69	10.72	595.0	NO	NO
116	washingtonia spp	29.2	12.2	12.30	Excellent	80.34	12.41	6.52	31.10	0.92	2,223.0	NO	NO
117	washingtonia spp	29.5	12.2	12.30	Excellent	80.34	12.41	6.52	31.10	0.92	2,223.0	NO	NO
118	washingtonia spp	29.7	9.1	12.30	Excellent	116.27	17.96	9.43	18.49	0.53	982.0	NO	NO
119	washingtonia spp	27.2	11.9	9.60	Excellent	65.15	10.06	6.75	28.31	0.88	2,145.0	NO	NO
120	washingtonia spp	27.7	12.5	13.30	Excellent	85.97	13.28	6.47	33.40	0.97	2,300.0	NO	NO
121	washingtonia spp	24.4	11.0	16.40	Excellent	110.82	17.12	6.75	26.08	0.75	1,835.0	NO	NO
122	washingtonia spp	30.5	10.1	13.30	Excellent	80.92	12.50	6.09	19.93	0.64	1,757.0	NO	NO
123	washingtonia spp	29.2	10.4	10.50	Excellent	57.77	8.92	5.5	19.85	0.68	1,990.0	NO	NO
124	Live oak	26.9	12.5	45.60	Good	222.32	46.67	4.87	201.94	14.27	1,064.0	NO	YES
125	Live oak	22.9	12.5	51.20	Good	239.54	50.29	4.67	141.47	11.17	839.0	NO	YES
126	Live oak	18.0	11.6	45.60	Fair	169.91	35.67	3.73	81.04	7.85	534.0	NO	YES
127	Royal poinciana	20.8	8.5	27.70	Poor	42.64	3.19	1.54	75.94	5.51	423.0	NO	NO
128	Royal poinciana	21.1	10.1	36.90	Poor	81.50	6.10	2.21	79.00	5.65	427.0	NO	NO
129	Royal poinciana	22.9	10.4	38.60	Fair	117.98	8.83	3.06	96.99	8.43	612.0	NO	NO
130	Royal poinciana	32.5	8.8	47.40	Fair	143.74	10.76	3.03	220.20	13.55	914.0	NO	NO
131	Royal poinciana	26.2	8.8	45.60	Poor	108.94	8.16	2.39	131.03	7.58	531.0	NO	NO
132	Royal poinciana	22.9	10.7	32.20	Excellent	39.08	2.93	1.21	96.80	8.43	745.0	NO	NO
133	Royal poinciana	30.0	10.1	32.20	Fair	66.79	5.00	2.08	183.50	12.20	825.0	NO	NO
134	washingtonia spp	21.8	13.4	8.00	Excellent	90.07	13.91	11.2	40.06	0.62	1,757.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
135	washingtonia spp	17.0	12.2	12.30	Excellent	109.32	16.88	8.87	32.89	0.52	1,835.0	NO	NO
136	washingtonia spp	18.0	12.2	8.00	Excellent	90.07	13.91	11.2	31.70	0.52	1,525.0	NO	NO
137	Live oak	11.6	11.6	45.60	Excellent	346.14	72.67	7.59	475.99	43.73	1,995.0	NO	YES
138	Live oak	32.3	12.5	45.60	Excellent	255.54	53.64	5.6	310.43	18.71	1,489.0	NO	YES
139	Royal poinciana	24.7	8.5	27.70	Excellent	126.50	9.47	4.56	113.73	16.72	804.0	NO	NO
140	Royal poinciana	31.8	10.4	38.60	Excellent	199.95	14.97	5.18	210.36	23.85	1,081.0	NO	NO
141	Cabbage palmetto	45.0	7.6	29.20	Excellent	156.01	26.17	5.35	17.26	0.39	274.0	NO	YES
142	Royal poinciana	18.3	9.8	42.00	Excellent	233.71	17.50	5.56	56.47	11.24	614.0	NO	NO
143	Live oak	38.6	10.4	70.10	Excellent	386.07	81.05	5.51	486.84	44.16	2,016.0	NO	YES
144	Live oak	34.8	11.3	61.40	Excellent	397.66	83.48	6.48	383.16	37.83	1,689.0	NO	YES
145	Royal poinciana	16.3	6.1	49.30	Excellent	205.40	15.38	4.16	41.06	9.34	565.0	NO	NO
146	washingtonia spp	23.1	8.5	13.30	Excellent	109.52	16.91	8.24	16.02	0.47	982.0	NO	NO
147	Coconut palm	18.3	7.0	29.20	Excellent	56.71	9.51	1.94	9.02	0.32	2,453.0	NO	NO
148	Coconut palm	21.3	7.9	25.00	Excellent	130.68	21.92	5.23	16.22	0.41	2,243.0	NO	NO
149	Coconut palm	19.8	11.0	18.70	Excellent	184.43	30.93	9.87	31.60	0.75	2,033.0	NO	NO
150	Coconut palm	15.0	9.1	33.70	Excellent	114.56	19.21	3.4	19.00	0.53	2,873.0	NO	NO
151	Live oak	42.7	12.2	99.90	Excellent	453.13	95.13	4.54	622.79	51.28	2,403.0	NO	YES
152	Coconut palm	25.7	7.3	18.70	Excellent	95.19	15.96	5.1	12.29	0.35	2,033.0	NO	NO
153	Coconut palm	15.7	8.8	23.60	Excellent	150.61	25.26	6.37	20.35	0.50	2,138.0	NO	NO
154	Red maple	35.8	15.2	51.20	Excellent	363.73	24.50	7.1	301.77	29.65	1,772.0	NO	YES
155	Red maple	36.1	14.3	55.20	Excellent	186.60	12.57	3.38	306.86	29.93	1,794.0	NO	YES
156	Coconut palm	20.8	9.4	21.10	Excellent	184.09	30.87	8.73	24.79	0.57	1,718.0	NO	NO
157	Coconut palm	21.8	12.2	29.20	Excellent	260.13	43.63	8.91	43.59	0.92	2,558.0	NO	NO
158	Live oak	21.3	13.1	70.10	Good	449.13	94.29	6.41	139.71	18.35	764.0	NO	YES
159	Coconut palm	19.1	11.0	32.20	Excellent	199.46	33.45	6.2	32.61	0.75	2,978.0	NO	NO
160	Coconut palm	24.4	8.2	23.60	Excellent	116.83	19.59	4.94	16.16	0.44	2,453.0	NO	NO
161	Coconut palm	18.3	3.7	9.60	Excellent	26.81	4.50	2.78	2.58	0.09	1,403.0	NO	NO
162	Coconut palm	20.1	8.5	21.10	Excellent	120.51	20.21	5.72	17.34	0.47	2,243.0	NO	NO
163	Live oak	42.4	11.3	84.30	Excellent	456.09	95.75	5.41	614.30	50.82	2,377.0	NO	YES
164	Coconut palm	19.1	10.7	29.20	Excellent	285.47	47.88	9.78	36.87	0.72	1,823.0	NO	NO
165	Coconut palm	18.5	8.8	22.30	Excellent	134.94	22.63	6.04	19.30	0.50	2,243.0	NO	NO
166	Coconut palm	19.3	8.5	22.30	Excellent	142.13	23.84	6.36	18.79	0.47	2,033.0	NO	NO
167	Coconut palm	17.5	9.8	32.20	Excellent	238.14	39.94	7.4	29.62	0.60	2,138.0	NO	NO
168	Live oak	30.6	10.4	49.30	Excellent	328.40	68.94	6.66	280.30	31.23	1,366.0	NO	YES
169	Live oak	29.2	11.6	49.30	Excellent	328.40	68.94	6.66	252.62	29.17	1,270.0	NO	YES
170	Live oak	33.0	9.1	86.80	Excellent	406.05	85.24	4.68	339.68	34.93	1,544.0	NO	YES
171	Cabbage palmetto	41.7	7.6	32.20	Excellent	163.81	27.47	5.09	17.78	0.21	274.0	NO	YES
172	washingtonia spp	26.4	12.8	8.80	Excellent	84.29	13.02	9.55	35.34	0.57	1,990.0	NO	NO
173	Cabbage palmetto	31.2	8.5	36.90	Excellent	119.89	20.11	3.25	17.29	0.26	296.0	NO	YES
174	Coconut palm	9.7	7.0	19.90	Excellent	101.64	17.05	5.12	11.82	0.17	1,928.0	NO	NO
175	Live oak	38.6	10.1	53.20	Excellent	225.66	47.37	4.24	473.37	24.51	2,016.0	NO	YES
176	Coconut palm	22.4	9.8	18.70	Excellent	95.19	15.96	5.1	20.03	0.60	2,873.0	NO	NO
177	Coconut palm	24.6	9.1	21.10	Excellent	114.30	19.17	5.42	18.98	0.53	2,558.0	NO	NO
178	Live oak	33.3	8.8	32.20	Excellent	125.33	26.31	3.89	32.97	19.60	1,567.0	NO	YES
179	Live oak	33.5	10.4	26.30	Excellent	133.94	28.12	5.08	329.74	19.83	1,587.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
180	Live oak	37.1	10.7	45.60	Excellent	207.71	43.60	4.55	428.02	23.07	1,881.0	NO	YES
181	Live oak	42.9	10.7	63.50	Excellent	394.09	82.73	6.21	626.64	51.73	2,428.0	NO	YES
182	Coconut palm	18.3	7.0	26.30	Excellent	138.78	23.28	5.27	14.53	40.00	1,928.0	NO	NO
183	Coconut palm	27.9	11.3	38.60	Excellent	285.75	47.92	7.4	7.00	40.00	2,663.0	NO	NO
184	Coconut palm	12.2	5.2	18.70	Excellent	56.00	9.39	3	5.83	0.19	1,718.0	NO	NO
185	Coconut palm	14.0	7.6	26.30	Excellent	123.32	20.68	4.68	14.92	0.21	2,243.0	NO	NO
186	Live oak	44.5	10.1	81.90	Excellent	320.81	67.35	3.92	675.01	30.29	2,584.0	NO	YES
187	Cabbage palmetto	26.4	6.1	32.20	Good	158.90	26.65	4.94	14.13	0.14	239.0	NO	YES
188	Cabbage palmetto	31.2	7.6	38.60	Excellent	179.41	30.09	4.65	18.69	0.21	274.0	NO	YES
189	Cabbage palmetto	31.2	6.1	23.60	Excellent	95.91	16.09	4.06	9.91	0.14	260.0	NO	YES
190	Live oak	33.3	11.3	89.40	Excellent	353.43	74.20	3.95	341.67	19.58	1,566.0	NO	YES
191	Cabbage palmetto	35.8	8.5	42.00	Good	117.65	19.73	2.8	17.14	0.26	281.0	NO	YES
192	Cabbage palmetto	35.8	7.6	26.30	Excellent	138.78	23.28	5.27	15.96	0.21	274.0	NO	YES
193	Royal poinciana	44.0	9.1	40.30	Excellent	133.13	9.97	3.3	456.89	20.77	1,727.0	NO	NO
194	Live oak	43.7	8.5	63.50	Excellent	243.60	51.14	3.84	640.90	29.51	2,505.0	NO	YES
195	Live oak	31.5	10.7	70.10	Excellent	294.21	61.76	4.2	296.79	18.05	1,432.0	NO	YES
196	Cabbage palmetto	29.2	8.5	29.20	Excellent	171.21	28.71	5.87	20.74	0.26	278.0	NO	YES
197	Cabbage palmetto	29.5	7.6	19.90	Excellent	101.64	17.05	5.12	13.47	0.21	274.0	NO	YES
198	Live oak	33.8	11.0	108.20	Excellent	377.29	79.21	3.49	356.29	20.05	1,607.0	NO	YES
199	Cabbage palmetto	30.0	8.5	16.40	Excellent	74.22	12.45	4.52	14.23	0.26	296.0	NO	YES
200	Cabbage palmetto	24.9	6.7	26.30	Excellent	138.78	23.28	5.27	13.89	0.17	260.0	NO	YES
201	Live oak	29.0	9.1	35.30	Excellent	152.97	32.11	4.33	232.99	15.91	1,253.0	NO	YES
202	Cabbage palmetto	27.7	11.0	11.40	Excellent	85.02	14.26	7.46	24.94	0.75	296.0	NO	YES
203	Cabbage palmetto	29.2	12.2	13.30	Excellent	80.92	13.57	6.09	31.57	0.92	328.0	NO	YES
204	Cabbage palmetto	33.5	11.0	12.30	Excellent	71.03	11.91	5.76	24.00	0.75	314.0	NO	YES
205	Cabbage palmetto	34.0	7.6	13.30	Excellent	63.53	10.65	4.78	10.91	0.38	278.0	NO	YES
206	Cabbage palmetto	30.2	10.7	10.50	Excellent	57.77	9.69	5.5	21.59	0.72	314.0	NO	YES
207	Cabbage palmetto	27.7	11.6	9.60	Excellent	69.52	11.66	7.2	27.18	0.84	310.0	NO	YES
208	Cabbage palmetto	32.3	12.8	9.60	Excellent	79.14	13.27	8.2	35.44	1.01	319.0	NO	YES
209	Cabbage palmetto	30.7	15.2	8.80	Excellent	102.72	17.23	11.63	56.95	1.41	319.0	NO	YES
210	Cabbage palmetto	26.9	9.1	7.30	Excellent	45.66	7.66	6.26	14.37	0.53	287.0	NO	YES
211	Cabbage palmetto	30.0	11.3	8.80	Excellent	46.58	7.81	5.28	23.95	0.79	328.0	NO	YES
212	Cabbage palmetto	32.0	10.1	9.60	Excellent	50.27	8.43	5.21	18.30	0.64	310.0	NO	YES
213	Cabbage palmetto	26.7	11.0	9.60	Excellent	65.15	10.93	6.75	23.60	0.75	305.0	NO	YES
214	Cabbage palmetto	30.0	11.0	10.50	Excellent	65.62	11.01	6.25	23.63	0.75	310.0	NO	YES
215	Cabbage palmetto	22.9	9.4	13.30	Excellent	56.28	9.44	4.23	16.22	0.57	314.0	NO	YES
216	Cabbage palmetto	30.7	8.5	12.30	Excellent	55.52	9.31	4.5	12.98	0.47	296.0	NO	YES
217	Cabbage palmetto	35.3	12.2	13.30	Excellent	91.34	15.32	6.87	32.27	0.92	319.0	NO	YES
218	Cabbage palmetto	23.9	12.8	11.40	Excellent	79.86	13.39	7	35.49	1.01	328.0	NO	YES
219	Cabbage palmetto	27.2	9.1	12.30	Excellent	55.52	9.31	4.5	15.03	0.53	305.0	NO	YES
220	Coconut palm	21.6	11.6	29.20	Excellent	360.15	60.40	12.34	46.67	0.47	1,613.0	NO	NO
221	Coconut palm	18.3	10.1	21.10	Excellent	194.10	32.55	9.2	27.95	0.36	1,823.0	NO	NO
222	Red maple	40.1	16.2	35.30	Excellent	217.48	14.65	6.16	395.00	19.20	2,156.0	NO	YES
223	Coconut palm	17.5	13.7	21.10	Excellent	312.61	52.43	14.82	57.80	0.64	2,138.0	NO	NO
224	Coconut palm	21.1	11.6	22.30	Excellent	238.77	40.05	10.69	38.53	0.47	2,033.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
225	Coconut palm	19.1	8.2	18.70	Excellent	156.32	26.22	8.37	18.81	0.24	1,403.0	NO	NO
226	Coconut palm	20.1	12.8	21.10	Excellent	329.62	55.28	15.63	52.24	0.57	1,718.0	NO	NO
227	Coconut palm	26.7	13.4	25.00	Excellent	336.08	56.37	13.46	57.05	1.10	2,138.0	NO	NO
228	Coconut palm	30.7	9.8	29.20	Excellent	187.89	31.51	6.44	26.25	0.34	2,453.0	NO	NO
229	Coconut palm	22.6	5.2	18.70	Excellent	69.28	11.62	3.71	6.81	0.10	1,613.0	NO	NO
230	Coconut palm	22.9	7.0	16.40	Excellent	74.22	12.45	4.52	10.20	0.18	2,138.0	NO	NO
231	Coconut palm	20.6	6.1	16.40	Excellent	98.83	16.57	6.02	10.10	0.14	1,298.0	NO	NO
232	Live oak	48.5	12.5	77.10	Excellent	333.87	70.09	4.33	835.91	34.56	3,026.0	NO	YES
233	Crimson bottlebrush	23.5	4.9	9.60	Good	31.50	2.36	3.26	99.27	15.31	728.0	NO	NO
234	Crimson bottlebrush	19.2	5.5	11.40	Good	36.93	2.77	3.24	61.80	11.64	606.0	NO	NO
235	Crimson bottlebrush	15.4	4.6	14.30	Excellent	44.10	3.30	3.08	37.00	8.60	547.0	NO	NO
236	Live oak	41.4	9.8	49.30	Excellent	287.19	60.29	5.82	565.99	49.01	2,278.0	NO	YES
237	Live oak	41.7	10.7	67.90	Excellent	388.31	81.52	5.72	582.90	49.46	2,302.0	NO	YES
238	Crimson bottlebrush	27.9	5.8	15.30	Excellent	63.38	4.75	4.13	151.31	19.49	923.0	NO	NO
239	Live oak	38.1	8.5	84.30	Excellent	362.54	76.11	4.3	469.95	43.30	1,970.0	NO	YES
240	Crimson bottlebrush	20.4	5.8	15.30	Excellent	63.38	4.75	4.13	72.49	12.69	671.0	NO	NO
241	Crimson bottlebrush	25.4	5.5	10.50	Excellent	37.31	2.79	3.55	120.09	17.09	830.0	NO	NO
242	Crimson bottlebrush	18.1	4.6	16.40	Excellent	50.77	3.80	3.09	53.42	10.63	608.0	NO	NO
243	Crimson bottlebrush	13.5	4.9	11.40	Excellent	37.71	2.82	3.31	26.93	7.18	251.0	NO	NO
244	Crimson bottlebrush	16.5	5.5	9.60	Excellent	34.65	2.59	3.59	43.44	9.50	571.0	NO	NO
245	washingtonia spp	32.3	11.3	10.50	Excellent	96.20	14.86	9.16	26.77	0.79	1,602.0	NO	NO
246	washingtonia spp	26.9	12.2	9.60	Excellent	65.15	10.06	6.75	30.16	0.92	2,223.0	NO	NO
247	washingtonia spp	30.0	12.8	10.50	Excellent	79.46	12.27	7.56	35.04	1.01	2,223.0	NO	NO
248	washingtonia spp	30.7	11.0	14.30	Excellent	109.83	16.96	7.68	26.02	0.75	1,680.0	NO	NO
249	washingtonia spp	34.5	8.2	8.80	Excellent	38.22	5.90	4.33	10.68	0.44	1,757.0	NO	NO
250	washingtonia spp	27.9	10.4	8.80	Excellent	38.22	5.90	4.33	18.64	0.68	2,300.0	NO	NO
251	washingtonia spp	27.7	11.6	14.30	Excellent	72.45	11.19	5.07	26.99	0.84	2,378.0	NO	NO
252	washingtonia spp	26.9	13.1	12.30	Excellent	158.20	24.43	12.83	42.04	1.06	1,602.0	NO	NO
253	washingtonia spp	24.1	12.2	8.00	Excellent	73.67	11.38	9.16	30.69	0.92	1,912.0	NO	NO
254	washingtonia spp	24.6	10.7	16.40	Excellent	110.82	17.12	6.75	24.56	0.72	1,757.0	NO	NO
255	washingtonia spp	26.7	11.6	11.40	Excellent	102.61	15.85	9	28.85	0.84	1,680.0	NO	NO
256	washingtonia spp	27.2	12.5	9.60	Excellent	79.14	12.22	8.2	32.98	0.97	2,067.0	NO	NO
257	washingtonia spp	20.8	11.3	12.30	Excellent	66.79	10.31	5.42	24.96	0.79	2,223.0	NO	NO
258	Royal poinciana	27.9	11.6	45.60	Excellent	269.64	20.19	5.91	156.57	20.15	923.0	NO	NO
259	Royal poinciana	34.3	8.2	32.20	Good	149.21	11.17	4.64	249.06	26.24	1,137.0	NO	NO
260	Royal poinciana	27.2	10.7	63.50	Good	353.63	26.48	5.57	145.59	19.31	849.0	NO	NO
261	Royal poinciana	21.9	6.7	51.20	Excellent	157.95	11.83	3.08	84.25	14.05	715.0	NO	NO
262	Royal poinciana	19.2	7.6	79.50	Excellent	354.29	26.53	4.46	62.22	11.84	638.0	NO	NO
263	Royal poinciana	21.7	11.0	49.30	Excellent	317.57	23.78	6.44	85.61	14.26	709.0	NO	NO
264	Royal poinciana	29.3	7.3	53.20	Excellent	213.30	15.97	4.01	170.27	21.05	979.0	NO	NO
265	Royal poinciana	22.1	8.2	38.60	Excellent	131.90	9.88	3.42	87.18	7.91	721.0	NO	NO
266	Royal poinciana	18.9	9.1	99.30	Good	218.34	16.35	3.68	60.36	6.40	597.0	NO	NO
267	Royal poinciana	21.1	11.3	53.20	Good	209.92	15.72	3.56	80.15	7.56	656.0	NO	NO
268	Royal poinciana	29.0	11.3	57.20	Excellent	228.04	17.07	3.99	170.05	11.69	963.0	NO	NO
269	Royal poinciana	35.1	9.1	53.20	Excellent	186.12	13.94	3.5	264.21	15.07	1,234.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
270	Royal poinciana	23.1	9.4	63.50	Excellent	244.35	18.30	3.85	98.08	8.48	752.0	NO	NO
271	Royal poinciana	17.8	10.7	53.20	Excellent	216.41	16.20	4.07	53.32	5.98	601.0	NO	NO
272	Royal poinciana	29.7	9.1	63.50	Excellent	243.60	18.24	3.84	178.04	11.98	994.0	NO	NO
273	Royal poinciana	29.2	7.0	61.40	Good	157.40	11.79	2.56	168.03	11.55	925.0	NO	NO
274	Royal poinciana	25.4	9.8	42.00	Excellent	200.88	15.04	4.78	123.05	17.52	829.0	NO	NO
275	Royal poinciana	20.3	8.5	53.20	Excellent	268.66	20.12	5.05	71.62	12.84	668.0	NO	NO
276	Royal poinciana	26.2	8.5	53.20	Excellent	268.66	20.12	5.05	130.94	18.13	857.0	NO	NO
277	Royal poinciana	35.8	11.6	38.60	Excellent	254.18	19.03	6.59	282.71	28.33	1,271.0	NO	NO
278	Live oak	19.1	7.9	9.60	Excellent	47.91	10.06	4.97	80.69	15.54	696.0	NO	YES
279	Coconut palm	17.8	8.2	29.20	Excellent	187.89	31.51	6.44	20.93	0.44	1,928.0	NO	NO
280	Coconut palm	20.3	7.6	29.20	Excellent	156.01	26.17	5.35	17.12	0.38	2,138.0	NO	NO
281	Coconut palm	24.9	11.3	8.80	Excellent	84.29	14.14	9.55	26.48	0.79	2,453.0	NO	NO
282	washingtonia spp	33.0	11.6	8.80	Excellent	56.76	8.77	6.43	26.02	0.84	2,145.0	NO	NO
283	washingtonia spp	30.5	7.9	16.40	Excellent	74.22	11.46	4.52	12.04	0.41	1,602.0	NO	NO
284	washingtonia spp	34.5	12.2	9.60	Excellent	96.14	14.85	9.96	32.08	0.92	1,757.0	NO	NO
285	washingtonia spp	34.5	12.8	7.30	Excellent	68.70	10.61	9.42	34.37	1.01	2,067.0	NO	NO
286	Royal poinciana	23.9	8.5	51.20	Excellent	133.53	10.00	2.61	105.10	15.98	777.0	NO	NO
287	Royal poinciana	23.6	10.7	30.70	Excellent	167.97	12.58	5.48	104.36	15.96	769.0	NO	NO
288	Royal poinciana	20.3	10.7	27.70	Excellent	213.44	15.98	7.69	73.07	13.03	668.0	NO	NO
289	Live oak	28.2	9.1	49.30	Excellent	287.19	60.29	5.82	229.95	27.68	1,202.0	NO	YES
290	Royal poinciana	25.1	8.2	8.80	Excellent	47.72	3.57	5.41	118.61	17.12	820.0	NO	NO
291	washingtonia spp	30.0	10.7	13.30	Excellent	91.34	14.11	6.87	23.36	0.72	1,757.0	NO	NO
292	washingtonia spp	34.0	11.6	70.10	Excellent	509.81	78.73	7.27	54.01	0.84	1,757.0	NO	NO
293	Live oak	40.9	10.1	72.40	Excellent	401.26	84.24	5.54	558.98	48.12	2,229.0	NO	YES
294	Live oak	34.5	9.1	30.70	Excellent	183.93	38.61	6	358.82	37.42	1,668.0	NO	YES
295	Royal poinciana	26.4	8.8	45.60	Excellent	188.73	14.13	4.14	134.09	18.38	866.0	NO	NO
296	Royal poinciana	21.1	10.7	40.30	Excellent	243.34	18.22	6.04	79.71	13.69	690.0	NO	NO
297	washingtonia spp	29.0	10.4	9.60	Excellent	65.15	10.06	6.75	20.31	0.68	1,757.0	NO	NO
298	washingtonia spp	30.0	12.2	10.50	Excellent	74.55	11.51	7.1	30.74	0.92	2,145.0	NO	NO
299	Royal poinciana	22.4	9.1	45.60	Excellent	173.18	12.97	3.8	90.33	14.67	728.0	NO	NO
300	washingtonia spp	28.7	11.3	14.30	Excellent	116.56	18.00	8.15	28.03	0.79	1,680.0	NO	NO
301	washingtonia spp	29.0	10.1	17.50	Excellent	111.50	17.22	6.36	21.82	0.64	1,680.0	NO	NO
302	Royal poinciana	22.4	9.8	53.20	Excellent	268.66	20.12	5.05	90.82	14.73	728.0	NO	NO
303	washingtonia spp	30.5	13.1	12.30	Excellent	139.87	21.60	11.34	40.91	1.06	1,757.0	NO	NO
304	washingtonia spp	29.5	12.2	11.40	Excellent	79.86	12.33	7	31.07	0.92	2,145.0	NO	NO
305	Royal poinciana	30.0	6.7	45.60	Excellent	188.73	14.13	4.14	178.30	21.60	1,005.0	NO	NO
306	washingtonia spp	27.9	11.0	15.30	Excellent	131.36	20.29	8.56	27.33	0.75	1,525.0	NO	NO
307	Cabbage palmetto	47.5	11.6	8.80	Excellent	64.76	10.86	7.33	27.33	0.85	310.0	NO	YES
308	Cabbage palmetto	47.0	10.7	9.60	Excellent	53.64	9.00	5.56	21.69	0.73	314.0	NO	YES
309	Cabbage palmetto	50.0	12.8	8.00	Excellent	68.90	11.56	8.56	35.38	1.03	319.0	NO	YES
310	Cabbage palmetto	47.2	9.1	8.80	Excellent	53.14	8.91	6.02	15.11	0.54	287.0	NO	YES
311	Royal poinciana	35.0	11.6	40.30	Excellent	252.99	18.94	6.28	266.25	27.48	1,233.0	NO	NO
312	washingtonia spp	30.5	11.3	10.50	Excellent	84.69	13.08	8.06	26.06	0.79	1,757.0	NO	NO
313	washingtonia spp	22.6	9.1	10.50	Excellent	50.85	7.85	4.84	14.45	0.53	1,835.0	NO	NO
314	Royal poinciana	17.8	9.8	57.20	Excellent	312.34	23.39	5.46	52.83	10.83	601.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
315	Royal poinciana	19.6	7.6	40.30	Excellent	178.24	13.35	4.42	64.81	12.12	647.0	NO	NO
316	washingtonia spp	29.2	7.3	8.80	Excellent	35.78	5.53	4.05	8.12	0.35	1,602.0	NO	NO
317	Royal poinciana	14.2	10.1	35.20	Excellent	294.73	22.07	5.34	31.21	8.06	279.0	NO	NO
318	Royal poinciana	14.4	10.1	63.50	Excellent	320.19	23.98	5.04	32.09	8.19	286.0	NO	NO
319	Dahoon	8.4	4.0	16.40	Good	46.50	6.22	2.83	10.73	3.82	92.0	NO	YES
320	Dahoon	7.4	2.7	7.30	Good	17.77	2.38	2.43	6.87	3.19	71.0	NO	YES
321	Dahoon	7.1	2.7	9.60	Excellent	25.05	3.35	2.6	6.78	3.05	70.0	NO	YES
322	Dahoon	7.9	3.7	7.30	Excellent	20.99	2.81	2.88	8.19	3.51	86.0	NO	YES
323	Dahoon	12.2	3.7	11.40	Excellent	33.26	4.45	2.92	21.80	6.22	206.0	NO	YES
324	Dahoon	23.1	3.0	11.40	Excellent	28.26	3.78	2.48	93.83	14.74	752.0	NO	YES
325	Cabbage palmetto	45.0	10.1	11.40	Excellent	62.15	10.42	5.45	19.41	0.65	305.0	NO	YES
326	Cabbage palmetto	41.1	11.0	12.30	Excellent	75.55	12.67	6.13	24.70	0.77	310.0	NO	YES
327	Cabbage palmetto	35.6	11.0	8.80	Excellent	53.14	8.91	6.02	22.80	0.75	314.0	NO	YES
328	Dahoon	18.0	9.1	14.30	Excellent	52.71	7.05	3.69	57.11	10.99	607.0	NO	YES
329	washingtonia spp	27.9	7.6	9.60	Excellent	41.38	6.39	4.29	9.21	0.21	1,602.0	NO	NO
330	washingtonia spp	31.2	11.0	9.60	Excellent	74.17	11.46	7.69	23.81	0.42	1,757.0	NO	NO
331	washingtonia spp	30.5	12.2	8.80	Excellent	64.76	10.00	7.33	30.14	0.52	2,145.0	NO	NO
332	washingtonia spp	32.3	9.4	10.50	Excellent	65.62	10.13	6.25	16.50	0.32	1,602.0	NO	NO
333	washingtonia spp	26.4	10.7	15.30	Excellent	104.02	16.06	6.78	24.14	0.40	1,757.0	NO	NO
334	washingtonia spp	29.5	12.5	8.80	Excellent	96.17	14.85	10.89	34.03	0.54	1,757.0	NO	NO
335	washingtonia spp	24.6	11.6	8.00	Excellent	64.43	9.95	8.01	26.49	0.47	1,912.0	NO	NO
336	washingtonia spp	27.7	9.8	8.80	Excellent	56.76	8.77	6.43	17.15	0.34	1,680.0	NO	NO
337	washingtonia spp	29.0	13.1	12.30	Excellent	75.55	11.67	6.13	36.93	0.59	2,533.0	NO	NO
338	Dahoon	5.1	9.4	14.30	Excellent	76.80	10.27	5.37	6.96	1.16	56.0	NO	YES
339	washingtonia spp	37.1	8.8	10.50	Excellent	57.77	8.92	5.5	13.82	0.28	1,602.0	NO	NO
340	Live oak	37.1	10.1	40.30	Excellent	182.09	38.23	4.52	425.87	23.07	1,881.0	NO	YES
341	Live oak	38.4	11.3	47.40	Excellent	242.82	50.98	5.12	467.32	24.26	1,993.0	NO	YES
342	Coconut palm	18.3	11.0	29.20	Excellent	187.89	31.51	6.44	31.84	0.42	2,873.0	NO	NO
343	Coconut palm	18.8	9.1	18.70	Excellent	106.28	17.82	5.69	18.44	0.30	2,453.0	NO	NO
344	Cabbage palmetto	46.5	12.2	9.60	Excellent	61.06	10.24	6.33	30.78	0.53	328.0	NO	YES
345	Southern redcedar	15.2	10.7	18.70	Excellent	152.04	42.23	8.14	38.95	2.62	353.0	NO	YES
346	Cabbage palmetto	41.1	11.6	13.30	Excellent	80.92	13.57	6.09	28.41	0.48	319.0	NO	YES
347	Coconut palm	18.0	9.1	21.10	Excellent	133.98	22.47	6.35	20.30	0.30	2,243.0	NO	NO
348	Coconut palm	17.3	6.7	25.00	Excellent	130.68	21.92	5.23	13.35	0.17	1,823.0	NO	NO
349	Coconut palm	12.2	9.8	29.20	Excellent	216.00	36.23	7.4	27.57	0.91	2,138.0	NO	NO
350	Coconut palm	18.0	9.1	30.70	Excellent	216.85	36.37	7.07	25.86	0.30	2,033.0	NO	NO
351	Cabbage palmetto	41.7	11.3	33.70	Excellent	119.28	36.78	6.5	35.97	0.45	310.0	NO	YES
352	Cabbage palmetto	45.7	9.1	26.30	Excellent	176.99	29.68	6.72	23.42	0.30	274.0	NO	YES
353	Cabbage palmetto	59.7	12.8	21.10	Excellent	157.05	26.34	7.45	41.29	0.58	319.0	NO	YES
354	Slash pine	10.7	9.1	12.30	Good	42.71	4.12	3.46	8.30	1.10	152.0	NO	YES
355	Slash pine	18.5	9.4	16.40	Excellent	69.60	6.71	4.24	22.94	1.96	621.0	NO	YES
356	Slash pine	24.4	10.4	15.30	Fair	46.99	4.53	3.06	39.68	2.82	654.0	NO	YES
357	Slash pine	22.1	11.0	22.30	Poor	54.53	5.26	2.44	35.14	2.02	448.0	NO	YES
358	Slash pine	23.4	7.9	11.40	Excellent	51.89	5.00	4.55	28.81	2.14	763.0	NO	YES
359	Slash pine	17.8	7.3	14.30	Fair	50.18	4.84	3.51	16.46	1.50	494.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
360	Slash pine	15.7	7.9	19.90	Excellent	75.97	7.32	3.82	15.32	1.42	554.0	NO	YES
361	Cabbage palmetto	38.1	8.5	9.60	Excellent	50.27	8.43	5.21	12.62	0.46	287.0	NO	YES
362	Cabbage palmetto	42.7	12.2	11.40	Excellent	79.86	13.39	7	32.04	0.53	319.0	NO	YES
363	Cabbage palmetto	38.6	12.8	12.30	Excellent	85.45	14.33	6.93	36.49	0.58	328.0	NO	YES
364	Cabbage palmetto	45.0	11.6	10.50	Excellent	90.26	15.14	8.59	29.04	0.48	296.0	NO	YES
365	Southern redcedar	8.9	10.1	18.70	Excellent	125.84	34.95	6.74	20.93	1.42	120.0	NO	YES
366	Slash pine	22.4	7.9	21.10	Excellent	78.20	7.54	3.71	27.59	2.05	731.0	NO	YES
367	Slash pine	22.9	7.6	19.90	Excellent	71.54	6.90	3.6	27.47	2.03	747.0	NO	YES
368	Coconut palm	18.8	7.6	18.70	Excellent	100.58	16.87	5.38	13.40	0.21	2,033.0	NO	NO
369	Coconut palm	21.3	10.7	19.90	Excellent	165.29	27.72	8.32	28.81	0.40	2,243.0	NO	NO
370	Coconut palm	21.6	10.1	18.70	Excellent	118.67	19.90	6.35	22.89	0.36	2,558.0	NO	NO
371	Coconut palm	18.3	10.1	22.30	Excellent	121.65	20.40	5.44	23.09	0.36	2,873.0	NO	NO
372	Coconut palm	21.8	9.8	26.30	Excellent	152.96	25.65	5.81	23.91	0.34	2,663.0	NO	NO
373	Coconut palm	20.8	9.1	16.40	Excellent	93.33	15.65	5.68	17.57	0.30	2,453.0	NO	NO
374	Coconut palm	20.8	6.7	16.40	Excellent	88.13	14.78	5.37	10.50	0.17	1,718.0	NO	NO
375	Coconut palm	16.5	9.8	18.70	Excellent	140.00	23.48	7.5	23.04	0.34	2,138.0	NO	NO
376	Coconut palm	18.3	9.1	27.70	Excellent	186.74	31.32	6.73	23.84	0.30	2,138.0	NO	NO
377	Coconut palm	22.9	7.0	15.30	Excellent	73.29	12.29	4.78	10.13	0.18	2,033.0	NO	NO
378	Coconut palm	11.4	11.3	29.20	Excellent	196.83	33.01	6.74	33.17	0.43	2,873.0	NO	NO
379	Slash pine	22.9	11.6	94.60	Excellent	392.58	37.84	4.15	52.35	5.27	747.0	NO	YES
380	washingtonia spp	29.0	10.7	10.50	Excellent	74.55	11.51	7.1	22.32	0.40	1,757.0	NO	NO
381	Live oak	31.8	10.7	10.50	Excellent	41.85	8.78	3.98	281.16	18.27	1,451.0	NO	YES
382	Live oak	21.8	10.1	35.20	Excellent	242.47	50.90	4.39	128.59	10.44	830.0	NO	YES
383	Coconut palm	15.5	11.3	77.10	Excellent	677.61	113.64	8.79	66.29	0.44	1,403.0	NO	NO
384	Slash pine	15.2	9.1	12.30	Excellent	46.43	4.47	3.77	15.16	1.56	326.0	NO	YES
385	Live oak	10.2	10.4	67.90	Excellent	279.16	58.60	4.11	39.18	3.37	241.0	NO	YES
386	washingtonia spp	37.6	8.2	10.50	Excellent	50.85	7.85	4.84	11.46	0.42	1,602.0	NO	NO
387	washingtonia spp	11.7	10.1	13.30	Excellent	59.80	9.23	4.5	18.00	0.34	2,145.0	NO	NO
388	washingtonia spp	35.6	8.8	8.80	Excellent	49.75	7.68	5.63	13.32	0.28	1,602.0	NO	NO
389	Royal poinciana	17.3	9.8	43.80	Excellent	165.04	12.36	3.77	49.33	5.71	589.0	NO	NO
390	Slash pine	15.5	8.5	9.60	Good	41.86	4.03	4.34	14.52	1.49	521.0	NO	YES
391	washingtonia spp	32.8	12.2	14.30	Excellent	97.52	15.06	6.82	32.16	0.52	2,145.0	NO	NO
392	Slash pine	13.0	7.3	10.50	Excellent	38.66	3.73	3.68	9.31	1.09	235.0	NO	YES
393	Slash pine	22.6	6.1	10.50	Excellent	35.05	3.38	3.34	20.79	1.67	739.0	NO	YES
394	Southern redcedar	5.3	10.7	16.40	Excellent	103.81	28.84	6.32	13.98	0.84	61.0	NO	YES
395	Slash pine	14.2	8.2	13.30	Excellent	53.35	5.14	4.01	12.59	1.32	284.0	NO	YES
396	Southern redcedar	7.9	10.1	21.10	Excellent	136.12	37.81	6.46	20.51	1.25	94.0	NO	YES
397	washingtonia spp	39.1	11.3	10.50	Excellent	84.69	13.08	8.06	26.50	0.45	1,757.0	NO	NO
398	Live oak	43.7	10.1	45.60	Excellent	212.97	44.71	4.67	638.33	29.51	2,505.0	NO	YES
399	Live oak	41.7	12.8	86.80	Excellent	356.07	74.75	4.1	339.01	27.47	2,302.0	NO	YES
400	Live oak	33.0	12.2	116.70	Excellent	387.46	81.34	3.32	339.01	19.38	1,547.0	NO	YES
401	Royal poinciana	23.1	9.8	47.40	Excellent	288.23	21.58	6.07	98.34	15.41	752.0	NO	NO
402	Royal poinciana	21.8	10.7	45.60	Excellent	279.44	20.92	6.13	86.70	14.36	713.0	NO	NO
403	Royal poinciana	20.6	9.8	49.30	Excellent	268.57	20.11	5.44	74.61	13.17	675.0	NO	NO
404	Royal poinciana	24.1	11.6	65.70	Excellent	362.86	27.17	5.53	110.59	16.52	786.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
405	Southern magnolia	17.6	7.0	6.60	Excellent	44.30	5.98	6.73	52.20	10.43	614.0	NO	YES
406	Live oak	37.3	13.7	102.60	Excellent	486.65	102.16	4.74	485.56	42.01	1,903.0	NO	YES
407	Live oak	32.6	13.7	113.80	Excellent	466.45	99.92	4.1	336.26	34.35	1,516.0	NO	YES
408	Live oak	33.3	12.2	94.60	Excellent	473.57	99.42	5.01	352.22	35.39	1,567.0	NO	YES
409	Live oak	36.8	13.7	105.40	Excellent	482.30	101.25	4.58	444.03	41.16	1,859.0	NO	YES
410	Southern magnolia	9.7	7.0	6.60	Excellent	44.30	5.98	6.73	14.50	4.75	174.0	NO	YES
411	Southern magnolia	6.9	7.3	8.80	Good	60.26	8.14	6.83	8.73	3.10	84.0	NO	YES
412	Southern magnolia	7.1	7.9	6.60	Excellent	44.30	5.98	6.73	8.42	3.27	95.0	NO	YES
413	Southern magnolia	8.6	8.5	6.60	Excellent	44.30	5.98	6.73	11.95	4.19	139.0	NO	YES
414	Southern magnolia	17.7	7.0	7.30	Excellent	50.85	6.87	6.97	53.46	10.54	619.0	NO	YES
415	Live oak	31.0	11.3	47.40	Excellent	354.73	74.47	7.48	290.95	31.84	1,395.0	NO	YES
416	Southern magnolia	10.9	5.5	5.90	Excellent	29.04	3.92	4.91	17.41	5.48	223.0	NO	YES
417	Southern magnolia	13.1	7.3	8.00	Excellent	50.88	6.87	6.33	27.78	7.09	322.0	NO	YES
418	Southern magnolia	15.2	7.0	7.30	Excellent	44.38	5.99	6.08	38.00	8.63	434.0	NO	YES
419	Live oak	41.9	12.2	97.20	Excellent	452.83	95.06	4.66	596.81	49.91	2,327.0	NO	YES
420	Live oak	45.5	12.2	116.70	Excellent	448.37	94.13	3.84	723.69	56.38	2,691.0	NO	YES
421	Live oak	43.9	12.8	105.40	Excellent	457.31	96.00	4.34	667.98	53.57	2,531.0	NO	YES
422	Live oak	41.1	11.6	49.30	Excellent	339.59	71.29	6.88	562.06	48.57	2,253.0	NO	YES
423	Live oak	23.9	13.7	67.90	Excellent	492.64	103.42	7.26	176.78	21.65	938.0	NO	YES
424	Live oak	32.5	10.7	65.70	Excellent	381.37	80.06	5.81	326.76	34.19	1,508.0	NO	YES
425	Live oak	38.1	10.1	59.30	Excellent	339.33	71.24	5.73	468.00	43.30	1,970.0	NO	YES
426	Live oak	42.7	11.0	74.70	Excellent	424.33	89.08	5.68	620.37	51.28	2,403.0	NO	YES
427	Live oak	34.3	12.5	45.60	Excellent	399.24	83.81	8.75	370.57	37.01	1,647.0	NO	YES
428	Live oak	31.5	10.4	61.40	Excellent	347.38	72.92	5.66	301.25	32.62	1,432.0	NO	YES
429	Live oak	40.9	10.4	89.40	Excellent	417.04	87.55	4.67	560.30	48.12	2,229.0	NO	YES
430	Live oak	27.7	11.0	53.20	Excellent	334.60	70.24	6.29	224.72	26.94	1,168.0	NO	YES
431	Live oak	40.1	11.6	105.40	Excellent	464.31	97.47	4.41	539.96	46.79	2,156.0	NO	YES
432	Live oak	46.5	12.2	49.30	Excellent	388.31	81.52	7.87	757.93	58.27	2,800.0	NO	YES
433	Live oak	41.7	12.8	57.20	Excellent	443.39	93.08	7.75	587.53	49.46	2,302.0	NO	YES
434	Live oak	51.8	14.0	79.50	Excellent	521.39	109.46	6.56	997.43	68.56	3,414.0	NO	YES
435	Live oak	45.5	12.8	105.40	Excellent	460.80	96.74	4.37	724.74	56.38	2,691.0	NO	YES
436	Live oak	50.0	11.9	59.30	Excellent	390.56	81.99	6.59	906.14	65.07	3,202.0	NO	YES
437	Live oak	13.5	6.7	63.50	Excellent	281.22	59.04	4.43	55.58	9.38	424.0	NO	YES
438	Live oak	36.8	12.2	119.70	Excellent	445.81	93.59	3.72	440.96	41.16	1,859.0	NO	YES
439	Live oak	32.0	10.4	47.40	Excellent	308.88	64.84	6.51	309.21	33.40	1,470.0	NO	YES
440	Live oak	33.8	10.4	47.40	Excellent	308.88	64.84	6.51	350.55	36.20	1,607.0	NO	YES
441	Live oak	50.3	11.0	79.50	Excellent	433.77	91.06	5.46	920.98	65.56	3,232.0	NO	YES
442	Live oak	38.4	12.2	77.10	Excellent	464.04	97.42	6.02	485.89	43.73	1,993.0	NO	YES
443	Live oak	35.8	10.4	65.70	Excellent	372.00	78.09	5.66	407.31	39.48	1,772.0	NO	YES
444	Live oak	25.4	9.8	59.30	Excellent	320.78	67.34	5.41	185.19	23.72	1,026.0	NO	YES
445	Slash pine	48.0	7.6	7.30	Excellent	35.44	3.42	4.86	106.82	8.40	1,998.0	NO	YES
446	Live oak	38.1	10.7	89.40	Excellent	428.95	90.05	4.8	475.53	43.30	1,970.0	NO	YES
447	Live oak	31.8	12.8	131.80	Excellent	427.38	89.72	3.24	313.53	33.01	1,451.0	NO	YES
448	Live oak	38.9	12.8	116.70	Excellent	454.29	95.37	3.89	500.14	44.60	2,039.0	NO	YES
449	Live oak	23.9	9.1	74.70	Excellent	375.08	78.74	5.02	166.91	21.65	938.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
450	Live oak	51.8	8.5	49.30	Excellent	259.72	54.52	5.27	975.46	68.56	3,414.0	NO	YES
451	Live oak	23.6	9.1	51.20	Excellent	286.46	60.14	5.59	155.86	21.31	924.0	NO	YES
452	Live oak	30.2	11.0	77.10	Excellent	420.97	88.38	5.46	280.63	30.68	1,341.0	NO	YES
453	Live oak	41.1	11.0	86.80	Excellent	438.02	91.95	5.04	570.32	48.57	2,253.0	NO	YES
454	Live oak	46.2	11.6	94.60	Excellent	456.93	95.92	4.83	753.75	57.79	2,773.0	NO	YES
455	Live oak	39.6	10.7	49.30	Excellent	307.10	64.47	6.23	510.94	45.91	2,109.0	NO	YES
456	Live oak	32.3	12.2	89.40	Excellent	460.23	96.62	5.15	327.62	33.80	1,489.0	NO	YES
457	Live oak	47.2	13.4	105.40	Excellent	475.02	99.72	4.51	795.54	59.70	2,884.0	NO	YES
458	Live oak	45.2	12.2	105.40	Excellent	460.80	96.74	4.37	715.12	55.90	2,664.0	NO	YES
459	Live oak	46.2	11.9	84.30	Excellent	463.55	97.31	5.5	754.30	57.79	2,773.0	NO	YES
460	Live oak	33.0	9.8	119.70	Excellent	441.90	92.77	3.69	343.58	34.99	1,547.0	NO	YES
461	Live oak	43.4	7.9	49.30	Excellent	251.16	52.73	5.09	632.49	52.65	2,479.0	NO	YES
462	Live oak	33.5	9.1	61.40	Excellent	329.09	69.09	5.36	346.13	35.79	1,587.0	NO	YES
463	Live oak	49.0	9.8	49.30	Excellent	307.10	64.47	6.23	855.15	63.10	3,084.0	NO	YES
464	Live oak	51.1	9.1	65.70	Excellent	345.25	72.48	5.26	947.70	67.06	3,322.0	NO	YES
465	Live oak	46.2	12.2	74.70	Excellent	442.14	92.82	5.92	752.50	57.79	2,773.0	NO	YES
466	Live oak	43.2	13.7	125.70	Excellent	439.43	92.25	3.5	639.33	52.19	2,454.0	NO	YES
467	Live oak	42.4	11.6	111.00	Excellent	452.08	94.90	4.07	613.97	50.82	2,377.0	NO	YES
468	Live oak	36.6	12.2	92.00	Excellent	467.61	98.17	5.09	435.82	40.74	1,837.0	NO	YES
469	Live oak	21.8	12.2	119.70	Excellent	448.76	94.21	3.75	145.91	18.99	830.0	NO	YES
470	Live oak	38.9	10.7	89.40	Excellent	441.20	92.62	4.94	499.04	44.60	2,039.0	NO	YES
471	Live oak	31.5	11.3	125.70	Excellent	439.32	92.23	3.5	308.97	32.62	1,432.0	NO	YES
472	Live oak	31.5	7.6	63.50	Excellent	296.20	62.18	4.66	296.95	32.62	1,432.0	NO	YES
473	Live oak	30.5	8.8	35.30	Excellent	208.49	43.77	5.9	268.02	31.07	1,359.0	NO	YES
474	Live oak	32.0	10.7	53.20	Excellent	334.60	70.24	6.29	311.37	33.40	1,470.0	NO	YES
475	Live oak	39.9	11.6	63.50	Excellent	404.46	84.91	6.37	526.99	46.35	2,133.0	NO	YES
476	Live oak	45.5	8.5	27.70	Excellent	160.46	33.69	5.78	699.51	56.38	2,691.0	NO	YES
477	Live oak	41.1	8.5	29.20	Excellent	168.03	35.27	5.76	547.65	48.57	2,253.0	NO	YES
478	Live oak	35.3	8.5	29.20	Excellent	160.40	33.67	5.5	376.24	38.65	1,730.0	NO	YES
479	Live oak	36.3	10.4	79.50	Excellent	418.10	87.77	5.26	424.76	40.32	1,815.0	NO	YES
480	Live oak	45.5	12.2	92.00	Excellent	461.57	96.90	5.02	724.80	56.38	2,691.0	NO	YES
481	Live oak	23.4	12.5	108.20	Excellent	380.29	79.83	3.52	160.20	11.55	910.0	NO	YES
482	Royal poinciana	45.5	11.6	42.00	Excellent	204.62	15.32	4.87	500.09	21.94	1,815.0	NO	NO
483	Royal poinciana	32.5	10.7	51.20	Excellent	204.93	15.34	4	223.08	13.68	1,115.0	NO	NO
484	Royal poinciana	24.6	7.9	43.80	Excellent	157.62	11.80	3.6	112.68	9.17	803.0	NO	NO
485	Royal poinciana	43.4	10.4	57.20	Excellent	209.99	15.72	3.67	445.05	20.47	1,690.0	NO	NO
486	Royal poinciana	46.7	9.1	59.30	Excellent	180.48	13.51	3.05	526.88	22.58	1,896.0	NO	NO
487	Royal poinciana	17.8	7.6	47.40	Excellent	163.96	12.28	3.46	51.68	5.84	601.0	NO	NO
488	Royal poinciana	24.0	8.2	43.80	Excellent	161.26	12.07	3.68	106.54	8.88	783.0	NO	NO
489	Royal poinciana	34.0	10.7	67.90	Excellent	254.14	19.03	3.74	248.84	14.58	1,185.0	NO	NO
490	Live oak	31.8	9.1	51.20	Excellent	209.35	43.95	4.09	295.22	18.27	1,451.0	NO	YES
491	Live oak	27.4	8.5	49.30	Excellent	197.91	41.55	4.01	208.73	14.67	1,152.0	NO	YES
492	Live oak	32.8	12.8	70.10	Excellent	323.05	67.82	4.61	327.70	19.15	1,528.0	NO	YES
493	Live oak	38.1	11.3	72.40	Excellent	304.90	64.01	4.21	465.11	24.02	1,970.0	NO	YES
494	Live oak	34.3	10.1	53.20	Excellent	230.52	48.39	4.33	356.40	20.51	1,647.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
495	Live oak	35.6	10.4	70.10	Excellent	289.77	60.83	4.13	393.72	21.66	1,751.0	NO	YES
496	Live oak	42.7	9.1	63.50	Excellent	256.23	53.79	4.04	606.25	28.49	2,403.0	NO	YES
497	Live oak	42.2	11.3	51.20	Excellent	244.70	51.37	4.78	587.90	27.98	2,352.0	NO	YES
498	Southern magnolia	16.5	7.0	7.30	Excellent	47.50	6.41	4.51	45.61	9.60	581.0	NO	YES
499	Southern magnolia	16.5	7.3	7.30	Excellent	50.85	6.87	6.97	45.94	9.63	581.0	NO	YES
500	Southern magnolia	16.5	7.9	7.30	Excellent	50.85	6.87	6.97	46.23	9.67	581.0	NO	YES
501	Southern magnolia	15.2	8.5	7.30	Excellent	50.85	6.87	6.97	38.98	8.74	434.0	NO	YES
502	Southern magnolia	16.5	7.0	7.30	Excellent	44.38	5.99	6.08	45.44	9.60	581.0	NO	YES
503	Southern magnolia	16.5	7.3	8.00	Excellent	50.88	6.87	6.33	45.94	9.63	581.0	NO	YES
504	Southern magnolia	11.9	5.5	4.70	Excellent	24.85	3.36	5.32	20.90	6.16	267.0	NO	YES
505	Southern magnolia	16.5	7.3	8.00	Excellent	50.88	6.87	6.33	45.94	9.63	581.0	NO	YES
506	washingtonia spp	23.6	12.2	108.20	Excellent	710.83	109.78	6.57	70.05	0.92	982.0	NO	NO
507	washingtonia spp	23.4	11.3	63.50	Excellent	594.47	91.81	9.36	57.55	0.79	982.0	NO	NO
508	Live oak	34.8	10.7	63.50	Excellent	374.15	78.55	5.89	381.19	37.83	1,689.0	NO	YES
509	Live oak	45.2	9.1	55.20	Excellent	294.73	61.87	5.34	701.18	55.90	2,664.0	NO	YES
510	Live oak	34.3	8.2	49.30	Excellent	251.16	52.73	5.09	368.14	37.01	1,647.0	NO	YES
511	Live oak	25.7	8.5	30.70	Excellent	167.97	35.26	5.48	176.37	24.07	1,041.0	NO	YES
512	Live oak	34.5	7.6	36.90	Excellent	184.05	38.64	4.98	358.83	37.42	1,668.0	NO	YES
513	Live oak	45.7	9.4	36.90	Excellent	226.01	47.45	6.12	714.72	56.85	2,718.0	NO	YES
514	Live oak	26.4	12.8	92.00	Excellent	473.73	99.45	5.15	214.46	25.13	1,088.0	NO	YES
515	Live oak	29.2	11.6	108.20	Excellent	456.17	95.76	4.22	263.34	29.17	1,270.0	NO	YES
516	Live oak	37.3	10.7	67.90	Excellent	388.31	81.52	5.72	450.30	42.01	1,903.0	NO	YES
517	Live oak	28.4	8.2	57.20	Excellent	294.62	61.85	5.15	235.28	28.05	1,218.0	NO	YES
518	Live oak	32.5	10.7	36.90	Excellent	266.37	55.92	7.21	317.10	34.19	1,508.0	NO	YES
519	Live oak	55.9	9.8	65.70	Excellent	353.94	74.30	5.39	1,183.18	76.78	3,926.0	NO	YES
520	Live oak	50.8	12.5	89.40	Excellent	466.76	97.99	5.22	946.43	66.56	3,292.0	NO	YES
521	Live oak	55.9	11.0	61.40	Excellent	376.73	79.09	6.14	1,185.09	76.78	3,926.0	NO	YES
522	Live oak	36.1	9.1	40.30	Excellent	234.05	49.13	5.81	402.48	39.90	1,794.0	NO	YES
523	Live oak	23.6	7.3	30.70	Excellent	146.58	30.77	4.78	144.12	21.31	924.0	NO	YES
524	Live oak	22.9	7.9	33.70	Excellent	175.82	36.91	5.21	136.12	20.30	883.0	NO	YES
525	Live oak	37.3	9.4	53.20	Excellent	295.16	61.96	5.55	442.48	42.01	1,903.0	NO	YES
526	Live oak	61.0	10.1	55.20	Excellent	322.76	67.76	5.85	1,463.26	87.49	4,621.0	NO	YES
527	Live oak	30.7	8.8	53.20	Excellent	277.22	58.20	5.21	279.08	31.45	1,377.0	NO	YES
528	Live oak	38.9	7.6	45.60	Excellent	217.68	45.70	4.77	480.27	44.60	2,039.0	NO	YES
529	Live oak	33.5	9.1	40.30	Excellent	234.05	49.13	5.81	338.15	35.79	1,587.0	NO	YES
530	Live oak	30.7	12.2	51.20	Excellent	359.49	75.47	7.02	285.99	31.45	1,377.0	NO	YES
531	Live oak	43.2	7.3	63.50	Excellent	260.52	54.69	4.1	624.31	52.19	2,454.0	NO	YES
532	Live oak	41.9	7.3	33.70	Excellent	154.44	32.42	4.58	571.75	49.91	2,327.0	NO	YES
533	Live oak	45.7	10.4	36.90	Excellent	245.37	51.51	6.64	716.34	56.85	2,718.0	NO	YES
534	Live oak	33.8	9.1	27.70	Excellent	160.46	33.69	5.78	338.08	36.20	1,607.0	NO	YES
535	Live oak	40.1	7.0	55.20	Excellent	245.77	51.59	4.45	521.61	46.79	2,156.0	NO	YES
536	Live oak	54.4	11.9	40.30	Excellent	307.34	64.52	7.63	1,101.65	73.66	3,729.0	NO	YES
537	Live oak	45.5	13.1	102.60	Excellent	470.04	98.68	4.58	725.51	56.38	2,691.0	NO	YES
538	Live oak	43.2	10.7	105.40	Excellent	447.00	93.84	4.24	639.97	52.19	2,454.0	NO	YES
539	Live oak	32.8	11.0	97.20	Excellent	447.95	94.04	4.61	338.19	34.59	1,528.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
540	Live oak	60.5	6.7	92.00	Excellent	313.51	65.82	3.41	1,432.53	86.40	4,549.0	NO	YES
541	Live oak	41.1	11.0	79.50	Excellent	425.86	89.40	5.36	569.30	48.57	2,253.0	NO	YES
542	Live oak	32.8	13.7	45.60	Excellent	413.74	86.86	9.07	335.31	34.59	1,528.0	NO	YES
543	Live oak	32.0	11.6	40.30	Excellent	295.61	62.06	7.34	308.09	33.40	1,470.0	NO	YES
544	Live oak	34.8	13.4	51.20	Excellent	409.29	85.92	7.99	384.14	37.83	1,689.0	NO	YES
545	Live oak	35.8	11.0	74.70	Excellent	415.69	87.27	5.56	410.97	39.48	1,772.0	NO	YES
546	Live oak	42.2	12.2	97.20	Excellent	467.80	98.21	4.81	606.64	50.37	2,352.0	NO	YES
547	Live oak	28.7	12.2	94.60	Excellent	467.96	98.24	4.95	254.60	28.42	1,235.0	NO	YES
548	Live oak	35.6	11.3	67.90	Excellent	417.04	87.55	6.14	404.41	39.07	1,751.0	NO	YES
549	Live oak	27.9	10.7	49.30	Excellent	339.59	71.29	6.88	229.71	27.31	1,185.0	NO	YES
550	Live oak	26.7	10.1	43.80	Excellent	291.27	61.15	6.65	203.41	25.49	1,104.0	NO	YES
551	Live oak	24.6	11.3	53.20	Excellent	367.61	77.17	6.91	177.43	22.67	982.0	NO	YES
552	Live oak	38.1	12.8	77.10	Excellent	473.16	99.33	6.14	479.24	43.30	1,970.0	NO	YES
553	Live oak	29.2	12.8	67.90	Excellent	447.91	94.03	6.6	262.65	29.17	1,270.0	NO	YES
554	Live oak	34.0	10.7	53.20	Excellent	356.26	74.79	6.7	360.71	36.60	1,627.0	NO	YES
555	Live oak	35.8	11.3	63.50	Excellent	415.09	87.14	6.54	410.92	39.48	1,772.0	NO	YES
556	Live oak	39.9	12.2	94.60	Excellent	462.41	97.07	4.89	531.85	46.35	2,133.0	NO	YES
557	Live oak	25.4	12.5	97.20	Fair	383.60	80.53	3.95	190.46	23.72	842.0	NO	YES
558	Live oak	34.5	10.7	43.80	Good	278.00	58.36	6.35	364.52	37.28	1,578.0	NO	YES
559	Live oak	39.6	10.7	42.00	Critical	219.30	46.04	5.22	503.57	18.98	780.0	NO	YES
560	Live oak	43.7	10.7	45.60	Excellent	322.30	67.66	7.07	647.51	53.11	2,505.0	NO	YES
561	Live oak	45.7	9.1	43.80	Excellent	253.03	53.12	5.78	716.98	56.85	2,718.0	NO	YES
562	Live oak	37.6	9.8	77.10	Excellent	404.89	85.00	5.25	458.89	42.44	1,925.0	NO	YES
563	Live oak	36.8	8.8	45.60	Excellent	269.64	56.61	5.91	426.17	41.16	1,859.0	NO	YES
564	Live oak	38.4	10.4	49.30	Excellent	328.40	68.94	6.66	474.50	43.73	1,993.0	NO	YES
565	Live oak	58.4	9.1	42.00	Excellent	242.72	50.95	5.78	1,310.53	82.07	4,266.0	NO	YES
566	Live oak	47.2	10.1	55.20	Excellent	332.68	69.84	6.03	783.59	59.70	2,884.0	NO	YES
567	Live oak	56.1	8.8	67.90	Excellent	353.05	74.12	5.2	1,196.36	77.30	3,959.0	NO	YES
568	Live oak	37.6	8.5	67.90	Excellent	353.05	74.12	5.2	454.54	42.44	1,925.0	NO	YES
569	Live oak	32.0	10.1	65.70	Excellent	381.37	80.06	5.81	315.30	33.40	1,470.0	NO	YES
570	Live oak	30.7	9.1	47.40	Excellent	268.96	56.46	5.67	278.39	31.45	1,377.0	NO	YES
571	Live oak	55.9	10.1	77.10	Excellent	397.08	83.36	5.15	1,186.80	76.78	3,926.0	NO	YES
572	Live oak	34.0	10.7	65.70	Excellent	400.83	84.15	6.1	364.45	36.60	1,627.0	NO	YES
573	Live oak	37.3	10.1	45.60	Excellent	300.11	63.00	6.58	442.90	42.01	1,903.0	NO	YES
574	Live oak	36.1	10.1	43.80	Excellent	291.27	61.15	6.65	407.28	39.90	1,794.0	NO	YES
575	Live oak	38.1	12.2	97.20	Excellent	467.80	98.21	4.81	478.79	43.30	1,970.0	NO	YES
576	Live oak	24.9	13.1	102.60	Excellent	478.27	100.40	4.66	190.56	23.02	996.0	NO	YES
577	Live oak	26.2	11.6	61.40	Excellent	408.56	85.77	6.66	204.79	24.78	1,072.0	NO	YES
578	Live oak	30.7	12.2	97.20	Excellent	467.80	98.21	4.81	295.08	31.45	1,377.0	NO	YES
579	Live oak	32.8	11.0	77.10	Excellent	429.25	90.11	5.67	336.62	34.59	1,528.0	NO	YES
580	Live oak	31.0	9.4	55.20	Excellent	313.13	65.74	5.67	287.45	31.84	1,395.0	NO	YES
581	Live oak	36.1	6.4	45.60	Excellent	202.69	42.55	4.44	399.84	39.90	1,794.0	NO	YES
582	Live oak	46.7	10.4	70.10	Excellent	404.02	84.82	5.76	769.27	58.75	2,828.0	NO	YES
583	Live oak	49.8	11.6	77.10	Excellent	455.08	95.54	5.9	900.43	64.57	3,172.0	NO	YES
584	Live oak	32.5	11.3	81.90	Excellent	453.29	95.16	5.54	332.80	34.19	1,508.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
585	Live oak	34.3	11.3	81.90	Excellent	453.29	95.16	5.54	375.11	37.01	1,647.0	NO	YES
586	Coconut palm	21.8	11.6	29.20	Excellent	248.32	41.65	8.51	39.17	0.84	2,453.0	NO	NO
587	Coconut palm	27.2	10.1	22.30	Excellent	166.06	27.85	7.43	26.07	0.64	2,243.0	NO	NO
588	Coconut palm	21.1	13.7	21.10	Excellent	329.62	55.28	15.63	58.95	1.15	2,033.0	NO	NO
589	Coconut palm	20.3	11.6	29.20	Excellent	206.19	34.58	7.06	36.34	0.84	2,873.0	NO	NO
590	Coconut palm	17.3	8.2	17.50	Excellent	79.59	13.35	4.54	13.66	0.44	2,558.0	NO	NO
591	Coconut palm	20.8	12.8	27.70	Excellent	225.87	37.88	8.14	45.28	1.01	2,978.0	NO	NO
592	Coconut palm	19.6	13.4	29.20	Excellent	299.05	50.15	10.25	54.56	1.10	2,663.0	NO	NO
593	Coconut palm	19.1	9.8	29.20	Excellent	206.19	34.58	7.06	27.48	0.60	2,243.0	NO	NO
594	Coconut palm	18.3	5.2	14.30	Excellent	49.00	8.22	3.43	5.45	0.18	1,718.0	NO	NO
595	Coconut palm	17.3	7.0	16.40	Excellent	83.22	13.96	5.07	10.80	0.32	1,928.0	NO	NO
596	Coconut palm	22.4	6.1	17.50	Excellent	67.11	11.26	3.83	7.98	0.25	1,928.0	NO	NO
597	washingtonia spp	32.3	11.6	9.60	Excellent	57.23	8.84	5.93	26.05	0.84	2,223.0	NO	NO
598	washingtonia spp	33.0	10.7	11.40	Excellent	58.37	9.02	5.12	21.32	0.72	2,145.0	NO	NO
599	washingtonia spp	25.1	13.1	10.50	Excellent	65.62	10.13	6.25	36.32	1.06	2,533.0	NO	NO
600	washingtonia spp	30.2	11.3	10.50	Excellent	50.85	7.85	4.84	23.97	0.79	2,378.0	NO	NO
601	washingtonia spp	23.4	9.1	16.40	Excellent	83.22	12.85	5.07	16.45	0.53	1,757.0	NO	NO
602	washingtonia spp	33.5	10.1	22.30	Excellent	142.13	21.95	6.36	23.71	0.64	1,680.0	NO	NO
603	Coconut palm	20.3	7.3	27.70	Excellent	178.07	29.87	6.42	17.85	0.35	1,613.0	NO	NO
604	Coconut palm	18.5	8.8	32.20	Excellent	238.14	39.94	7.4	26.22	0.50	1,823.0	NO	NO
605	Coconut palm	20.3	9.8	33.70	Excellent	249.65	41.87	7.4	30.40	0.60	2,138.0	NO	NO
606	Coconut palm	33.8	7.0	29.20	Excellent	129.81	21.77	4.45	13.93	0.32	2,033.0	NO	NO
607	Coconut palm	20.3	10.1	22.30	Excellent	142.13	23.84	6.36	24.46	0.64	2,558.0	NO	NO
608	Coconut palm	20.1	10.1	30.70	Excellent	207.23	34.76	6.76	28.83	0.64	2,453.0	NO	NO
609	Coconut palm	18.3	10.7	33.70	Excellent	284.22	47.67	8.43	36.79	0.72	2,138.0	NO	NO
610	Coconut palm	17.8	7.6	21.10	Excellent	133.98	22.47	6.35	15.64	0.38	1,718.0	NO	NO
611	Coconut palm	17.8	12.2	38.60	Excellent	297.41	49.88	7.71	46.09	0.92	2,873.0	NO	NO
612	Coconut palm	23.4	7.9	22.30	Excellent	142.13	23.84	6.36	16.99	0.41	1,823.0	NO	NO
613	washingtonia spp	29.7	11.3	10.50	Excellent	69.94	10.80	6.66	25.15	0.79	1,990.0	NO	NO
614	washingtonia spp	25.7	10.7	8.80	Excellent	46.58	7.19	5.28	20.59	0.72	2,145.0	NO	NO
615	washingtonia spp	26.2	11.3	8.00	Excellent	56.35	8.70	7.01	24.31	0.79	1,990.0	NO	NO
616	washingtonia spp	24.6	12.2	16.40	Excellent	147.57	22.79	8.99	35.25	0.92	1,757.0	NO	NO
617	washingtonia spp	28.2	11.9	11.40	Excellent	75.00	11.58	6.58	28.91	0.88	2,145.0	NO	NO
618	Royal poinciana	24.1	9.8	43.80	Excellent	233.62	17.49	5.33	108.92	16.34	786.0	NO	NO
619	Royal poinciana	30.4	10.1	42.00	Excellent	242.72	18.17	5.78	189.31	22.44	1,023.0	NO	NO
620	Royal poinciana	17.5	10.7	38.60	Excellent	216.60	16.22	5.61	51.54	10.69	595.0	NO	NO
621	washingtonia spp	25.4	11.3	13.30	Excellent	139.51	21.55	10.49	29.45	0.79	1,370.0	NO	NO
622	washingtonia spp	19.8	10.4	14.30	Excellent	131.27	20.27	9.18	24.39	0.68	1,292.0	NO	NO
623	washingtonia spp	26.4	11.0	9.60	Excellent	74.17	11.46	7.69	23.81	0.75	1,757.0	NO	NO
624	washingtonia spp	26.9	10.4	10.50	Excellent	90.26	13.94	8.59	21.86	0.68	1,447.0	NO	NO
625	washingtonia spp	26.4	9.1	15.30	Excellent	104.02	16.06	6.78	17.74	0.53	1,370.0	NO	NO
626	washingtonia spp	23.9	9.1	10.50	Good	68.58	10.59	6.53	15.55	0.53	1,301.0	NO	NO
627	washingtonia spp	27.4	10.7	9.60	Excellent	79.14	12.22	8.2	22.61	0.72	1,602.0	NO	NO
628	washingtonia spp	26.9	8.5	12.30	Excellent	55.52	8.57	4.5	12.68	0.47	1,757.0	NO	NO
629	washingtonia spp	26.2	7.6	10.50	Good	67.85	10.48	6.46	10.84	0.38	1,006.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
630	washingtonia spp	21.8	9.1	8.80	Good	73.88	11.41	8.37	15.87	0.53	1,154.0	NO	NO
631	washingtonia spp	27.9	9.4	13.30	Good	99.99	15.44	7.52	18.62	0.57	1,227.0	NO	NO
632	washingtonia spp	25.1	11.6	15.30	Good	170.59	26.35	11.12	33.05	0.84	1,227.0	NO	NO
633	washingtonia spp	23.1	10.7	10.50	Excellent	102.54	15.84	9.76	24.05	0.72	1,370.0	NO	NO
634	washingtonia spp	26.2	10.7	9.60	Excellent	90.10	13.92	9.34	23.28	0.72	1,447.0	NO	NO
635	washingtonia spp	22.6	11.0	8.80	Excellent	102.72	15.86	11.63	25.58	0.75	1,292.0	NO	NO
636	washingtonia spp	23.6	10.1	10.50	Excellent	90.26	13.94	8.59	20.50	0.64	1,370.0	NO	NO
637	washingtonia spp	21.1	12.2	11.40	Excellent	109.25	16.87	9.58	32.89	0.92	1,757.0	NO	NO
638	washingtonia spp	22.1	12.8	14.30	Excellent	147.84	22.83	10.34	39.26	1.01	1,757.0	NO	NO
639	washingtonia spp	23.6	12.2	16.40	Excellent	147.57	22.79	8.99	35.25	0.92	1,757.0	NO	NO
640	Coconut palm	20.3	2.4	8.00	Excellent	29.76	4.99	3.7	2.24	0.04	1,088.0	NO	NO
641	Coconut palm	20.3	3.7	10.50	Excellent	42.00	7.04	4	3.60	0.09	1,193.0	NO	NO
642	Coconut palm	20.3	4.0	10.50	Excellent	42.00	7.04	4	3.81	0.11	1,298.0	NO	NO
643	washingtonia spp	20.3	11.0	13.30	Excellent	67.49	10.42	5.08	23.40	0.42	2,223.0	NO	NO
644	washingtonia spp	25.1	12.2	15.30	Excellent	156.50	24.17	10.2	35.81	0.52	1,602.0	NO	NO
645	washingtonia spp	28.2	11.6	14.30	Excellent	116.56	18.00	8.15	29.71	0.47	1,757.0	NO	NO
646	washingtonia spp	27.2	11.3	11.40	Excellent	116.31	17.96	10.2	28.01	0.44	1,447.0	NO	NO
647	washingtonia spp	26.4	12.5	16.40	Excellent	156.27	24.13	9.52	37.74	0.54	1,757.0	NO	NO
648	washingtonia spp	20.3	12.2	15.30	Excellent	147.62	22.80	9.62	35.26	0.52	1,680.0	NO	NO
649	washingtonia spp	26.2	11.0	10.50	Excellent	102.54	15.84	9.76	25.57	0.42	1,447.0	NO	NO
650	washingtonia spp	32.0	11.0	11.40	Excellent	109.25	16.87	9.58	25.98	0.42	1,447.0	NO	NO
651	washingtonia spp	27.9	10.1	15.30	Excellent	139.26	21.51	9.08	23.53	0.36	1,214.0	NO	NO
652	washingtonia spp	28.7	10.7	10.50	Excellent	109.29	16.88	10.4	24.47	0.40	1,292.0	NO	NO
653	washingtonia spp	25.4	9.8	14.30	Excellent	91.89	14.19	6.43	19.33	0.34	1,602.0	NO	NO
654	washingtonia spp	24.6	11.0	13.30	Excellent	157.46	24.32	11.84	28.96	0.42	1,137.0	NO	NO
655	washingtonia spp	26.4	12.5	13.30	Excellent	188.81	29.16	14.2	39.75	0.54	1,214.0	NO	NO
656	washingtonia spp	39.4	11.3	13.30	Excellent	103.09	15.92	7.75	27.63	0.45	1,757.0	NO	NO
657	washingtonia spp	31.0	11.6	14.30	Excellent	131.27	20.27	9.18	30.62	0.47	1,602.0	NO	NO
658	washingtonia spp	30.5	10.7	12.30	Excellent	85.45	13.20	6.93	23.00	0.40	1,757.0	NO	NO
659	Coconut palm	27.9	7.3	21.10	Good	87.86	14.74	4.17	11.80	0.19	2,130.0	NO	NO
660	Coconut palm	26.7	8.8	19.90	Good	104.06	17.45	5.24	17.23	0.28	2,330.0	NO	NO
661	Coconut palm	32.8	7.9	17.50	Excellent	99.65	16.71	5.68	14.14	0.41	2,033.0	NO	NO
662	Cabbage palmetto	43.2	8.5	33.70	Excellent	58.37	9.02	4.97	20.70	0.48	287.0	NO	YES
663	washingtonia spp	27.2	9.1	11.40	Excellent	167.71	28.13	5.12	14.92	0.30	1,757.0	NO	NO
664	washingtonia spp	28.4	9.8	10.50	Excellent	57.77	8.92	5.5	17.22	0.34	1,855.0	NO	NO
665	washingtonia spp	38.1	10.7	10.50	Excellent	74.55	11.51	7.1	22.32	0.78	1,757.0	NO	NO
666	washingtonia spp	26.2	10.4	10.50	Excellent	54.20	8.37	5.16	19.63	0.38	2,067.0	NO	NO
667	Cabbage palmetto	38.1	11.6	11.40	Excellent	79.86	13.39	7	27.87	1.32	310.0	NO	YES
668	Cabbage palmetto	42.7	12.8	12.30	Excellent	96.65	16.21	7.84	37.24	1.03	319.0	NO	YES
669	Cabbage palmetto	41.7	15.2	14.30	Excellent	176.70	29.63	12.36	62.96	1.44	319.0	NO	YES
670	tree anemone spp	5.1	8.2	2.60	Excellent	11.33	0.85	4.31	3.13	1.14	56.0	NO	NO
671	tree anemone spp	5.6	7.0	2.60	Excellent	11.33	0.85	4.31	3.72	1.26	56.0	NO	NO
672	tree anemone spp	5.1	5.5	4.10	Excellent	12.04	0.90	2.93	2.98	1.09	56.0	NO	NO
673	tree anemone spp	6.4	8.5	7.30	Excellent	23.84	1.79	3.27	5.40	1.51	56.0	NO	NO
674	tree anemone spp	6.4	5.5	5.90	Excellent	15.87	1.19	2.69	4.89	1.45	56.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
675	tree anemone spp	5.8	7.6	7.30	Excellent	22.09	1.65	3.03	4.46	1.35	56.0	NO	NO
676	tree anemone spp	6.4	9.8	4.70	Excellent	14.49	1.08	3.1	5.22	1.54	56.0	NO	NO
677	tree anemone spp	5.1	10.7	3.60	Excellent	13.40	1.00	3.75	3.33	1.18	56.0	NO	NO
678	Live oak	11.7	6.4	49.30	Excellent	181.61	38.13	3.68	37.62	4.13	319.0	NO	YES
679	Live oak	13.2	10.4	38.60	Excellent	185.53	38.95	4.81	46.05	4.95	408.0	NO	YES
680	tree anemone spp	13.7	9.8	2.60	Excellent	8.48	0.64	3.23	28.61	4.16	258.0	NO	NO
681	tree anemone spp	13.2	6.7	3.10	Excellent	8.83	0.66	2.86	25.49	3.87	241.0	NO	NO
682	washingtonia spp	31.2	11.3	10.50	Excellent	69.94	10.80	6.66	25.15	0.79	1,990.0	NO	NO
683	washingtonia spp	26.2	12.2	16.40	Excellent	98.83	15.26	6.02	32.24	0.92	2,300.0	NO	NO
684	washingtonia spp	22.1	13.7	15.30	Excellent	104.02	16.06	6.78	43.26	1.15	2,533.0	NO	NO
685	washingtonia spp	21.6	12.5	10.50	Excellent	57.77	8.92	5.5	31.66	0.97	2,533.0	NO	NO
686	washingtonia spp	26.7	11.6	9.60	Excellent	61.06	9.43	6.33	26.28	0.84	2,145.0	NO	NO
687	washingtonia spp	24.4	11.3	11.40	Excellent	66.17	10.22	5.8	24.92	0.79	2,145.0	NO	NO
688	washingtonia spp	25.9	12.2	15.30	Excellent	87.31	13.48	5.69	31.53	0.92	2,378.0	NO	NO
689	washingtonia spp	26.2	11.0	11.40	Excellent	70.45	10.88	6.18	23.58	0.75	1,990.0	NO	NO
690	washingtonia spp	24.1	9.8	8.80	Excellent	53.14	8.21	6.02	16.93	0.60	1,757.0	NO	NO
691	washingtonia spp	28.4	10.4	8.80	Excellent	56.76	8.77	6.43	19.79	0.68	1,835.0	NO	NO
692	washingtonia spp	24.6	11.3	10.50	Excellent	50.85	7.85	4.84	23.97	0.79	2,378.0	NO	NO
693	washingtonia spp	26.7	11.6	7.30	Excellent	48.88	7.55	6.7	25.53	0.84	2,145.0	NO	NO
694	washingtonia spp	21.6	10.1	10.50	Excellent	65.62	10.13	6.25	18.98	0.64	1,757.0	NO	NO
695	washingtonia spp	24.1	10.7	12.30	Excellent	109.32	16.88	8.87	24.47	0.72	1,447.0	NO	NO
696	washingtonia spp	26.7	12.5	9.60	Excellent	74.17	11.46	7.69	32.67	0.97	2,145.0	NO	NO
697	washingtonia spp	22.6	9.1	11.40	Excellent	75.00	11.58	6.58	15.94	0.53	1,447.0	NO	NO
698	washingtonia spp	21.8	10.1	14.30	Excellent	97.52	15.06	6.82	20.95	0.64	1,602.0	NO	NO
699	washingtonia spp	31.8	11.6	14.30	Excellent	116.56	18.00	8.15	29.71	0.84	1,757.0	NO	NO
700	washingtonia spp	24.1	12.5	10.50	Excellent	116.48	17.99	11.09	35.28	0.97	1,680.0	NO	NO
701	washingtonia spp	23.9	12.2	8.00	Excellent	64.43	9.95	8.01	30.12	0.92	2,067.0	NO	NO
702	washingtonia spp	30.5	10.7	9.60	Excellent	84.44	13.04	8.75	22.93	0.72	1,525.0	NO	NO
703	washingtonia spp	28.7	10.1	11.40	Excellent	96.37	14.88	8.45	20.88	0.64	1,370.0	NO	NO
704	washingtonia spp	30.7	9.1	13.30	Good	80.92	12.50	6.09	16.31	0.53	1,448.0	NO	NO
705	washingtonia spp	22.9	9.1	7.30	Excellent	56.01	8.65	7.68	14.77	0.53	1,370.0	NO	NO
706	washingtonia spp	27.2	11.0	9.60	Good	67.43	10.41	6.99	23.40	0.75	1,743.0	NO	NO
707	washingtonia spp	30.2	10.7	15.30	Excellent	104.02	16.06	6.78	24.14	0.72	1,757.0	NO	NO
708	washingtonia spp	22.1	10.1	16.40	Excellent	131.60	20.32	8.02	23.06	0.64	1,370.0	NO	NO
709	washingtonia spp	20.3	11.3	8.80	Fair	77.55	11.98	8.78	25.62	0.79	1,314.0	NO	NO
710	washingtonia spp	29.7	12.5	17.50	Good	165.24	25.52	9.43	38.29	0.97	1,669.0	NO	NO
711	washingtonia spp	22.1	12.2	15.30	Excellent	131.36	20.29	8.56	34.25	0.92	1,835.0	NO	NO
712	washingtonia spp	23.6	11.6	8.80	Excellent	90.04	13.91	10.2	28.07	0.84	1,602.0	NO	NO
713	washingtonia spp	29.2	12.2	17.50	Excellent	139.60	21.56	7.96	34.76	0.92	1,912.0	NO	NO
714	washingtonia spp	24.1	11.3	10.50	Excellent	54.20	8.37	5.16	24.18	0.79	2,300.0	NO	NO
715	washingtonia spp	29.5	12.8	22.30	Excellent	166.06	25.65	7.43	40.39	1.01	2,145.0	NO	NO
716	washingtonia spp	26.4	13.7	18.70	Excellent	140.00	21.62	7.5	45.48	1.15	2,378.0	NO	NO
717	washingtonia spp	30.0	12.2	16.40	Excellent	147.57	22.79	8.99	35.25	0.92	1,757.0	NO	NO
718	washingtonia spp	27.7	10.7	15.30	Excellent	92.56	14.29	6.03	23.44	0.72	1,912.0	NO	NO
719	washingtonia spp	23.6	11.6	14.30	Excellent	131.27	20.27	9.18	30.62	0.84	1,602.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
720	washingtonia spp	29.5	9.8	12.30	Good	68.90	10.64	5.59	17.90	0.60	1,669.0	NO	NO
721	washingtonia spp	25.4	8.2	10.50	Excellent	61.57	9.51	5.86	12.13	0.44	1,370.0	NO	NO
722	washingtonia spp	26.2	9.4	12.30	Good	80.34	12.41	6.52	17.41	0.57	1,448.0	NO	NO
723	washingtonia spp	25.4	11.3	14.30	Excellent	136.01	21.01	9.51	29.23	0.79	1,370.0	NO	NO
724	washingtonia spp	24.4	7.6	9.60	Excellent	50.27	7.76	5.21	9.76	0.38	1,370.0	NO	NO
725	washingtonia spp	38.1	7.9	7.30	Fair	34.78	5.37	4.77	9.60	0.57	1,314.0	NO	NO
726	washingtonia spp	27.7	8.8	8.80	Good	49.75	7.68	5.63	13.32	0.50	1,522.0	NO	NO
727	Crimson bottlebrush	12.7	5.5	14.30	Excellent	52.71	3.95	3.69	24.23	6.68	223.0	NO	NO
728	Crimson bottlebrush	9.7	5.5	14.30	Excellent	52.71	3.95	3.69	13.40	4.67	129.0	NO	NO
729	Crimson bottlebrush	15.7	5.8	14.30	Excellent	52.71	3.95	3.69	39.51	8.92	554.0	NO	NO
730	washingtonia spp	24.6	10.7	12.30	Excellent	85.45	13.20	6.93	23.00	0.72	1,757.0	NO	NO
731	washingtonia spp	26.4	11.3	14.30	Excellent	103.49	15.98	7.24	27.22	0.79	1,835.0	NO	NO
732	washingtonia spp	23.1	12.5	17.50	Excellent	94.20	14.55	5.37	33.91	0.97	2,533.0	NO	NO
733	washingtonia spp	23.4	10.1	14.30	Excellent	76.89	11.87	5.38	19.68	0.64	1,912.0	NO	NO
734	washingtonia spp	23.1	10.1	13.30	Excellent	91.34	14.11	6.87	20.57	0.64	1,602.0	NO	NO
735	washingtonia spp	24.1	9.1	10.50	Excellent	74.55	11.51	7.1	15.92	0.53	1,370.0	NO	NO
736	washingtonia spp	22.4	7.9	7.30	Excellent	37.23	5.75	5.1	9.76	0.41	1,525.0	NO	NO
737	washingtonia spp	23.4	8.5	7.30	Excellent	42.66	6.59	5.85	11.89	0.47	1,525.0	NO	NO
738	washingtonia spp	21.8	7.6	7.30	Excellent	38.66	5.97	5.3	9.04	0.38	1,370.0	NO	NO
739	Crimson bottlebrush	8.1	5.8	16.40	Excellent	58.47	4.38	3.56	9.68	3.76	91.0	NO	NO
740	Crimson bottlebrush	12.7	5.8	16.40	Excellent	60.28	4.51	3.67	24.55	6.70	223.0	NO	NO
741	washingtonia spp	37.3	11.0	15.30	Excellent	139.26	21.51	9.08	27.84	1.17	1,447.0	NO	NO
742	washingtonia spp	38.1	9.1	14.30	Excellent	97.52	15.06	6.82	17.33	0.78	1,370.0	NO	NO
743	Live oak	35.6	10.1	53.20	Excellent	236.99	49.75	4.46	389.29	39.07	1,751.0	NO	YES
744	washingtonia spp	27.4	9.8	10.50	Excellent	69.94	10.80	6.66	17.97	0.60	1,602.0	NO	NO
745	washingtonia spp	29.2	10.7	9.60	Good	67.43	10.41	6.99	21.88	0.72	1,699.0	NO	NO
746	washingtonia spp	28.7	8.5	13.30	Good	78.50	12.12	5.9	14.10	0.47	1,301.0	NO	NO
747	washingtonia spp	28.4	7.6	12.30	Excellent	62.80	9.70	5.09	10.53	0.38	1,370.0	NO	NO
748	Live oak	25.4	9.1	99.30	Good	302.53	63.51	5.1	183.65	23.72	975.0	NO	YES
749	washingtonia spp	24.9	10.4	9.60	Excellent	93.25	14.40	9.66	22.04	0.68	1,292.0	NO	NO
750	washingtonia spp	25.4	11.6	12.30	Excellent	131.51	20.31	10.66	30.64	0.84	1,447.0	NO	NO
751	Live oak	34.0	10.4	77.10	Excellent	404.89	85.00	5.25	364.79	36.60	1,627.0	NO	YES
752	Live oak	34.8	12.2	92.00	Excellent	461.57	96.90	5.02	388.53	37.83	1,689.0	NO	YES
753	Live oak	30.0	11.3	67.90	Excellent	407.24	85.49	6	274.32	30.30	1,323.0	NO	YES
754	washingtonia spp	35.6	12.2	12.30	Excellent	85.45	13.20	6.93	31.42	0.92	2,145.0	NO	NO
755	Live oak	41.9	10.7	65.70	Excellent	372.00	78.09	5.66	590.02	49.91	2,327.0	NO	YES
756	washingtonia spp	25.7	8.2	7.30	Excellent	45.66	7.05	6.26	11.14	0.44	1,370.0	NO	NO
757	washingtonia spp	26.2	6.7	8.80	Excellent	46.58	7.19	5.28	7.46	0.30	1,137.0	NO	NO
758	washingtonia spp	24.4	7.6	8.80	Excellent	40.82	6.30	4.62	9.17	0.38	1,525.0	NO	NO
759	washingtonia spp	26.2	10.7	11.40	Excellent	109.25	16.87	9.58	24.47	0.72	1,370.0	NO	NO
760	washingtonia spp	21.6	9.4	12.30	Excellent	55.52	8.57	4.5	15.87	0.57	1,990.0	NO	NO
761	washingtonia spp	27.7	12.2	15.30	Excellent	139.26	21.51	9.08	34.74	0.92	1,757.0	NO	NO
762	washingtonia spp	24.9	11.6	10.50	Excellent	65.62	10.13	6.25	26.57	0.84	2,145.0	NO	NO
763	washingtonia spp	23.9	10.1	8.80	Excellent	35.78	5.53	4.05	17.14	0.64	2,300.0	NO	NO
764	washingtonia spp	24.1	13.1	10.50	Excellent	79.46	12.27	7.56	37.17	1.06	2,300.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
765	washingtonia spp	20.3	8.5	14.30	Excellent	86.59	13.37	6.05	14.60	0.47	1,370.00	NO	NO
766	washingtonia spp	22.4	10.7	16.40	Excellent	139.35	21.52	8.49	26.33	0.72	1,447.00	NO	NO
767	washingtonia spp	24.1	10.7	13.30	Excellent	116.35	17.97	8.75	24.91	0.72	1,447.00	NO	NO
768	Cabbage palmetto	45.7	7.3	29.20	Excellent	156.01	26.17	5.35	16.49	0.36	269.00	NO	YES
769	washingtonia spp	25.9	11.6	13.30	Excellent	97.03	14.99	7.3	28.51	0.84	1,912.00	NO	NO
770	washingtonia spp	21.1	12.2	13.30	Excellent	80.92	12.50	6.09	31.14	0.92	2,300.00	NO	NO
771	washingtonia spp	25.7	10.7	14.30	Excellent	81.60	12.60	5.71	22.76	0.72	1,990.00	NO	NO
772	washingtonia spp	28.7	11.3	11.40	Excellent	75.00	11.58	6.58	25.46	0.79	1,990.00	NO	NO
773	washingtonia spp	25.1	11.3	12.30	Excellent	96.65	14.93	7.84	26.80	0.79	1,757.00	NO	NO
774	washingtonia spp	27.2	12.8	15.30	Excellent	104.02	16.06	6.78	36.55	1.01	2,300.00	NO	NO
775	washingtonia spp	29.7	12.2	14.30	Excellent	72.45	11.19	5.07	30.61	0.92	2,533.00	NO	NO
776	washingtonia spp	22.6	9.8	10.50	Excellent	61.57	9.51	5.86	17.45	0.60	1,757.00	NO	NO
777	washingtonia spp	27.9	10.7	9.60	Excellent	61.06	9.43	6.33	21.49	0.72	1,912.00	NO	NO
778	Cabbage palmetto	25.9	6.1	8.80	Excellent	40.82	6.85	4.62	6.21	0.25	260.00	NO	YES
779	Live oak	27.2	12.5	84.30	Excellent	456.09	95.75	5.41	225.96	26.21	1,136.00	NO	YES
780	washingtonia spp	26.2	11.0	10.50	Excellent	65.62	10.13	6.25	23.29	0.75	1,990.00	NO	NO
781	washingtonia spp	31.8	11.3	8.00	Good	47.81	7.38	5.94	23.78	0.79	2,038.00	NO	NO
782	Live oak	35.3	10.4	92.00	Excellent	432.52	90.80	4.7	399.09	38.65	1,730.00	NO	YES
783	Live oak	27.2	10.1	92.00	Excellent	426.94	89.63	4.64	223.51	26.21	1,136.00	NO	YES
784	Live oak	27.9	12.2	65.70	Excellent	410.92	86.27	6.26	235.70	27.31	1,185.00	NO	YES
785	Live oak	25.4	12.5	77.10	Excellent	455.08	95.54	5.9	196.46	23.72	1,026.00	NO	YES
786	Live oak	27.2	11.3	84.30	Excellent	441.51	92.69	5.23	224.73	26.21	1,136.00	NO	YES
787	Live oak	22.1	10.7	70.10	Excellent	404.02	84.82	5.76	145.35	19.32	843.00	NO	YES
788	Live oak	30.0	10.4	79.50	Excellent	418.10	87.77	5.26	275.23	30.30	1,323.00	NO	YES
789	Live oak	22.4	11.0	59.30	Excellent	379.73	79.72	6.41	146.57	19.64	856.00	NO	YES
790	Live oak	32.8	12.2	86.80	Excellent	458.40	96.23	5.28	339.06	34.59	1,528.00	NO	YES
791	Live oak	31.8	10.4	57.20	Excellent	351.03	73.69	6.14	307.12	33.01	1,451.00	NO	YES
792	washingtonia spp	27.4	11.6	10.50	Excellent	132.32	20.44	12.59	30.69	0.84	904.00	NO	NO
793	washingtonia spp	23.9	11.3	10.50	Excellent	132.32	20.44	12.59	29.00	0.79	827.00	NO	NO
794	Live oak	28.4	10.1	99.90	Excellent	444.89	93.40	4.45	247.90	28.05	1,218.00	NO	YES
795	Live oak	32.0	10.7	77.10	Excellent	420.97	88.38	5.46	318.62	33.40	1,470.00	NO	YES
796	Live oak	30.0	9.1	97.20	Excellent	428.94	90.05	4.41	276.14	30.30	1,323.00	NO	YES
797	Live oak	25.7	9.4	92.00	Excellent	426.94	89.63	4.64	198.12	24.07	1,041.00	NO	YES
798	Live oak	28.7	12.2	77.10	Excellent	446.31	93.69	5.79	252.79	28.42	1,235.00	NO	YES
799	Live oak	21.8	10.7	70.10	Excellent	394.94	82.91	5.63	141.39	18.99	830.00	NO	YES
800	washingtonia spp	26.4	11.3	10.50	Excellent	61.57	9.51	5.86	24.63	0.79	2,145.00	NO	NO
801	washingtonia spp	28.4	11.6	9.60	Excellent	61.06	9.43	6.33	26.28	0.84	2,145.00	NO	NO
802	Live oak	26.9	9.1	59.30	Excellent	329.92	69.26	5.57	210.98	25.85	1,120.00	NO	YES
803	Live oak	27.2	10.1	51.20	Excellent	326.15	68.47	6.37	215.05	26.21	1,136.00	NO	YES
804	Live oak	30.5	12.2	65.70	Excellent	421.27	88.44	6.42	285.88	31.07	1,359.00	NO	YES
805	Live oak	24.6	10.7	65.70	Excellent	381.37	80.06	5.81	178.59	22.67	982.00	NO	YES
806	Live oak	23.6	9.4	49.30	Excellent	277.73	58.30	5.63	155.13	21.31	924.00	NO	YES
807	Live oak	30.5	10.4	35.30	Excellent	246.79	51.81	6.99	271.23	31.07	1,359.00	NO	YES
808	Live oak	39.9	11.6	45.60	Excellent	334.01	70.12	7.32	521.07	46.35	2,133.00	NO	YES
809	Live oak	39.9	11.3	57.20	Excellent	383.17	80.44	6.7	525.20	46.35	2,133.00	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
810	Live oak	33.3	11.6	77.10	Excellent	446.31	93.69	5.79	349.93	35.39	1,567.0	NO	YES
811	Live oak	39.6	12.2	86.80	Excellent	458.40	96.23	5.28	523.64	45.91	2,109.0	NO	YES
812	Live oak	41.9	13.1	86.80	Excellent	472.51	99.19	5.44	598.46	49.91	2,327.0	NO	YES
813	Live oak	44.2	11.0	108.20	Excellent	447.33	93.91	4.14	676.35	54.04	2,557.0	NO	YES
814	Live oak	41.1	10.1	108.20	Excellent	441.54	92.69	4.08	570.62	48.57	2,253.0	NO	YES
815	Live oak	41.1	10.4	108.20	Excellent	444.43	93.30	4.11	570.86	48.57	2,253.0	NO	YES
816	Live oak	35.3	12.5	81.90	Excellent	461.21	96.82	5.63	401.50	38.65	1,730.0	NO	YES
817	Live oak	44.7	10.7	72.40	Excellent	401.26	84.24	5.54	691.14	54.97	2,610.0	NO	YES
818	Live oak	37.6	9.1	61.40	Excellent	329.09	69.09	5.36	452.53	42.44	1,925.0	NO	YES
819	Live oak	46.7	9.4	53.20	Excellent	304.56	63.94	5.73	760.92	58.75	2,828.0	NO	YES
820	Coconut palm	23.9	5.2	14.30	Excellent	72.45	12.15	5.07	7.02	0.18	1,298.0	NO	NO
821	Coconut palm	22.9	9.8	22.30	Excellent	174.91	29.33	7.83	25.38	0.60	2,033.0	NO	NO
822	Coconut palm	22.1	12.8	29.20	Excellent	248.32	41.65	8.51	46.79	1.01	2,873.0	NO	NO
823	Coconut palm	24.4	13.4	32.20	Excellent	248.93	41.75	7.74	51.20	1.10	3,293.0	NO	NO
824	Coconut palm	28.2	11.6	23.60	Excellent	184.55	30.95	7.81	34.89	0.84	2,663.0	NO	NO
825	Coconut palm	28.2	10.1	23.60	Excellent	166.72	27.96	7.05	26.11	0.64	2,348.0	NO	NO
826	Coconut palm	29.7	13.7	29.20	Excellent	260.13	43.63	8.91	54.28	1.15	3,083.0	NO	NO
827	Coconut palm	25.4	8.2	18.70	Excellent	90.08	15.11	4.82	14.37	0.44	2,453.0	NO	NO
828	Coconut palm	28.7	5.2	14.30	Excellent	68.27	11.45	4.77	6.74	0.18	1,403.0	NO	NO
829	Coconut palm	26.7	4.0	7.30	Excellent	32.49	5.45	3.17	3.17	0.11	1,193.0	NO	NO
830	Live oak	48.0	11.0	40.30	Excellent	284.32	59.69	7.06	810.61	61.15	2,969.0	NO	YES
831	washingtonia spp	23.1	12.8	11.40	Excellent	90.52	13.98	7.94	35.72	1.01	2,145.0	NO	NO
832	washingtonia spp	24.1	11.3	15.30	Excellent	116.89	18.05	7.62	28.05	0.79	1,757.0	NO	NO
833	washingtonia spp	23.6	11.0	10.50	Excellent	79.46	12.27	7.56	24.14	0.75	1,757.0	NO	NO
834	washingtonia spp	25.1	11.3	10.50	Excellent	96.20	14.86	9.16	26.77	0.79	1,602.0	NO	NO
835	washingtonia spp	25.1	8.8	8.80	Excellent	60.63	9.36	6.87	13.99	0.50	1,370.0	NO	NO
836	washingtonia spp	23.4	9.1	10.50	Excellent	65.62	10.13	6.25	15.36	0.53	1,525.0	NO	NO
837	washingtonia spp	27.7	10.1	14.30	Excellent	81.60	12.60	5.71	19.97	0.64	1,835.0	NO	NO
838	washingtonia spp	24.1	8.5	14.30	Excellent	64.33	9.94	4.5	13.23	0.47	1,757.0	NO	NO
839	washingtonia spp	29.0	9.4	8.00	Excellent	49.29	7.61	6.13	15.49	0.57	1,680.0	NO	NO
840	washingtonia spp	23.9	11.0	13.30	Excellent	85.97	13.28	6.47	24.54	0.75	1,912.0	NO	NO
841	washingtonia spp	24.6	10.7	11.40	Excellent	51.50	7.95	4.52	20.90	0.72	2,300.0	NO	NO
842	washingtonia spp	25.9	12.2	8.80	Excellent	53.14	8.21	6.02	29.42	0.92	2,378.0	NO	NO
843	washingtonia spp	26.7	12.5	10.50	Excellent	65.62	10.13	6.25	32.14	0.97	2,378.0	NO	NO
844	washingtonia spp	23.1	11.3	8.00	Excellent	90.07	13.91	11.2	26.39	0.79	1,370.0	NO	NO
845	washingtonia spp	24.9	10.7	11.40	Excellent	131.84	20.36	11.56	25.86	0.72	1,137.0	NO	NO
846	washingtonia spp	24.4	10.4	9.60	Good	72.81	11.24	7.55	20.78	0.68	1,448.0	NO	NO
847	Live oak	30.2	11.6	61.40	Excellent	397.66	83.48	6.48	278.67	30.68	1,341.0	NO	YES
848	washingtonia spp	26.2	11.3	13.30	Excellent	76.17	11.76	5.73	25.54	0.79	2,145.0	NO	NO
849	washingtonia spp	23.9	12.5	13.30	Excellent	80.92	12.50	6.09	33.09	0.97	2,378.0	NO	NO
850	washingtonia spp	21.8	11.9	9.60	Excellent	61.06	9.43	6.33	28.05	0.88	2,223.0	NO	NO
851	washingtonia spp	25.1	10.7	11.40	Excellent	54.83	8.47	4.81	21.10	0.72	2,223.0	NO	NO
852	washingtonia spp	26.9	11.0	10.50	Excellent	90.26	13.94	8.59	24.81	0.75	1,602.0	NO	NO
853	washingtonia spp	28.7	12.2	16.40	Excellent	124.27	19.19	7.57	33.82	0.92	1,990.0	NO	NO
854	Live oak	28.7	10.4	51.20	Excellent	315.74	66.28	6.16	241.82	28.42	1,235.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
855	Live oak	32.3	10.1	43.80	Excellent	270.62	56.81	6.18	311.69	33.80	1,489.0	NO	YES
856	Live oak	25.4	10.4	72.40	Excellent	392.67	82.43	5.42	191.22	23.72	1,026.0	NO	YES
857	Live oak	21.6	11.6	67.90	Excellent	427.09	89.66	6.29	140.95	18.67	817.0	NO	YES
858	Live oak	32.3	11.0	47.40	Excellent	331.01	69.49	6.98	316.77	33.80	1,489.0	NO	YES
859	Live oak	31.0	9.8	72.40	Excellent	384.26	80.67	5.31	293.43	31.84	1,395.0	NO	YES
860	Live oak	23.6	12.2	72.40	Excellent	437.53	91.85	6.04	168.55	21.31	924.0	NO	YES
861	Live oak	21.8	10.7	57.20	Excellent	351.03	73.69	6.14	137.70	18.99	830.0	NO	YES
862	Live oak	31.2	11.6	89.40	Excellent	453.80	95.27	5.08	304.69	32.23	1,414.0	NO	YES
863	Live oak	33.0	12.8	81.90	Excellent	469.27	98.51	5.73	345.88	34.99	1,547.0	NO	YES
864	Live oak	37.3	11.9	61.40	Excellent	397.66	83.48	6.48	451.09	42.01	1,903.0	NO	YES
865	washingtonia spp	27.7	11.3	10.50	Excellent	61.57	9.51	5.86	24.63	0.79	2,145.0	NO	NO
866	Live oak	43.2	10.1	131.80	Excellent	434.69	91.25	3.3	688.93	52.19	2,454.0	NO	YES
867	Live oak	33.3	9.1	105.40	Excellent	433.62	91.03	4.12	348.86	35.39	1,567.0	NO	YES
868	Live oak	30.2	10.4	116.70	Excellent	443.98	93.21	3.8	282.56	30.68	1,341.0	NO	YES
869	Live oak	43.2	8.5	86.80	Excellent	399.94	83.96	4.61	636.01	52.19	2,454.0	NO	YES
870	Live oak	41.9	9.4	138.10	Excellent	428.34	89.92	3.1	594.75	49.91	2,327.0	NO	YES
871	Live oak	30.5	12.5	89.40	Excellent	466.76	97.99	5.22	289.70	31.07	1,399.0	NO	YES
872	Live oak	18.0	11.3	94.60	Excellent	451.52	94.79	4.77	104.69	14.34	652.0	NO	YES
873	Live oak	29.7	10.7	89.40	Excellent	435.03	91.33	4.87	271.56	29.92	1,305.0	NO	YES
874	Live oak	21.3	9.1	79.50	Excellent	388.43	81.54	4.89	134.61	18.35	804.0	NO	YES
875	Live oak	46.7	8.2	65.70	Excellent	320.42	67.27	4.88	762.25	58.75	2,828.0	NO	YES
876	Live oak	35.6	10.1	63.50	Excellent	374.15	78.55	5.89	400.80	39.07	1,751.0	NO	YES
877	Live oak	27.4	11.0	35.20	Excellent	375.51	78.83	6.81	223.64	26.58	1,152.0	NO	YES
878	Live oak	20.8	12.8	32.20	Excellent	299.04	62.78	9.29	121.10	17.71	779.0	NO	YES
879	Live oak	31.0	10.4	43.80	Excellent	280.75	58.94	6.41	284.74	31.84	1,395.0	NO	YES
880	Live oak	46.2	10.1	51.20	Excellent	305.67	64.17	5.97	741.04	57.79	2,773.0	NO	YES
881	Live oak	31.0	6.7	43.80	Excellent	194.40	40.81	4.44	277.48	31.84	1,395.0	NO	YES
882	Live oak	23.4	7.6	36.90	Excellent	184.05	38.64	4.98	143.72	20.97	910.0	NO	YES
883	Live oak	47.5	10.1	42.00	Excellent	271.89	57.08	6.47	788.76	60.19	2,912.0	NO	YES
884	Live oak	35.6	11.3	63.50	Excellent	404.46	84.91	6.37	403.35	39.07	1,751.0	NO	YES
885	Live oak	52.3	11.0	65.70	Excellent	390.98	82.08	5.95	1,010.21	69.57	3,476.0	NO	YES
886	Live oak	46.2	11.0	53.20	Excellent	356.26	74.79	6.7	745.29	57.79	2,773.0	NO	YES
887	Live oak	41.7	10.1	47.40	Excellent	298.38	62.64	6.29	575.35	49.46	2,302.0	NO	YES
888	Live oak	23.4	10.7	55.20	Excellent	342.90	71.99	6.21	157.06	20.97	910.0	NO	YES
889	Live oak	27.4	9.1	59.30	Excellent	320.78	67.34	5.41	219.05	26.58	1,152.0	NO	YES
890	Live oak	24.6	8.5	63.50	Excellent	328.61	68.99	5.18	174.16	22.67	982.0	NO	YES
891	Live oak	31.0	8.8	59.30	Excellent	320.78	67.34	5.41	288.10	31.84	1,395.0	NO	YES
892	Live oak	32.8	7.6	77.10	Excellent	346.46	72.73	4.5	329.67	34.59	1,528.0	NO	YES
893	Live oak	28.4	7.3	86.80	Excellent	374.72	78.66	4.31	242.01	28.05	1,218.0	NO	YES
894	Live oak	32.5	9.1	81.90	Excellent	394.64	82.85	4.82	327.88	34.19	1,508.0	NO	YES
895	Live oak	25.4	9.4	77.10	Excellent	381.91	80.17	4.96	190.32	23.72	1,026.0	NO	YES
896	Live oak	32.3	10.7	61.40	Excellent	366.68	76.98	5.98	319.76	33.80	1,489.0	NO	YES
897	Live oak	32.5	12.2	47.40	Excellent	354.73	74.47	7.48	324.52	34.19	1,508.0	NO	YES
898	Live oak	25.4	12.5	63.50	Excellent	426.01	89.43	6.71	194.02	23.72	1,026.0	NO	YES
899	Live oak	29.0	11.0	51.20	Excellent	326.15	68.47	6.37	247.53	28.79	1,253.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
900	Live oak	31.5	11.3	59.30	Excellent	369.20	77.51	6.23	303.08	32.62	1,432.0	NO	YES
901	Live oak	64.3	10.4	47.40	Excellent	298.38	62.64	6.29	1,665.34	94.70	5,105.0	NO	YES
902	Live oak	31.5	10.7	63.50	Excellent	374.15	78.55	5.89	303.50	32.62	1,432.0	NO	YES
903	Live oak	37.3	10.7	70.10	Excellent	394.94	82.91	5.63	450.86	42.01	1,903.0	NO	YES
904	Live oak	33.5	9.4	86.80	Excellent	406.05	85.24	4.68	352.59	35.79	1,587.0	NO	YES
905	Live oak	43.2	9.1	86.80	Excellent	406.05	85.24	4.68	636.53	52.19	2,454.0	NO	YES
906	Live oak	27.9	8.5	63.50	Excellent	328.61	68.99	5.18	228.79	27.31	1,185.0	NO	YES
907	Live oak	24.4	7.6	59.30	Excellent	286.65	60.18	4.84	166.86	22.33	967.0	NO	YES
908	Live oak	27.9	9.4	86.80	Excellent	412.25	86.54	4.75	235.82	27.31	1,185.0	NO	YES
909	Live oak	46.2	7.3	92.00	Excellent	385.58	80.94	4.19	747.75	57.79	2,773.0	NO	YES
910	Live oak	48.8	8.5	116.70	Excellent	438.19	91.99	3.75	855.37	62.61	3,055.0	NO	YES
911	Live oak	33.3	9.8	97.20	Excellent	433.62	91.03	4.46	348.86	35.39	1,567.0	NO	YES
912	Live oak	21.3	10.1	113.80	Excellent	444.61	93.34	3.91	139.33	18.35	804.0	NO	YES
913	Live oak	41.7	11.9	81.90	Excellent	453.29	95.16	5.54	588.36	49.46	2,302.0	NO	YES
914	Live oak	26.9	12.5	86.80	Excellent	458.40	96.23	5.28	221.76	25.85	1,120.0	NO	YES
915	Live oak	30.5	12.2	94.60	Excellent	456.93	95.92	4.83	288.88	31.07	1,399.0	NO	YES
916	Live oak	14.5	12.5	77.10	Excellent	455.08	95.54	5.9	76.61	10.42	490.0	NO	YES
917	Live oak	34.8	12.8	72.40	Excellent	456.89	95.91	6.31	388.13	37.83	1,689.0	NO	YES
918	Live oak	30.7	11.3	72.40	Excellent	419.00	87.96	5.79	290.99	31.45	1,377.0	NO	YES
919	Live oak	30.7	9.1	70.10	Excellent	360.63	75.71	5.14	286.08	31.45	1,377.0	NO	YES
920	Live oak	32.5	9.8	47.40	Excellent	288.23	60.51	6.07	318.94	34.19	1,508.0	NO	YES
921	Live oak	23.6	10.1	47.40	Excellent	288.23	60.51	6.07	156.01	21.31	924.0	NO	YES
922	Live oak	41.7	12.2	47.40	Excellent	354.73	74.47	7.48	580.08	49.46	2,302.0	NO	YES
923	Live oak	28.4	11.6	59.30	Excellent	379.73	79.72	6.41	242.43	28.05	1,218.0	NO	YES
924	Live oak	48.3	11.0	61.40	Excellent	376.73	79.09	6.14	828.90	61.64	2,997.0	NO	YES
925	Live oak	17.3	11.0	65.70	Excellent	390.98	82.08	5.95	92.73	13.47	620.0	NO	YES
926	Live oak	20.1	10.1	47.40	Excellent	298.38	62.64	6.29	112.44	16.77	742.0	NO	YES
927	Live oak	18.0	10.4	63.50	Excellent	374.15	78.55	5.89	98.20	14.34	652.0	NO	YES
928	Live oak	24.9	10.7	51.20	Excellent	336.91	70.73	6.58	178.69	23.02	996.0	NO	YES
929	Live oak	11.2	10.4	51.20	Excellent	315.74	66.28	6.16	46.52	7.18	292.0	NO	YES
930	Live oak	18.3	10.4	59.30	Excellent	369.20	77.51	6.23	100.17	14.64	663.0	NO	YES
931	Live oak	17.8	9.1	67.90	Excellent	361.55	75.90	5.33	94.79	14.05	641.0	NO	YES
932	Live oak	24.4	8.8	55.20	Excellent	313.13	65.74	5.67	169.08	22.33	967.0	NO	YES
933	Live oak	16.5	9.4	65.70	Excellent	362.86	76.18	5.53	83.93	12.61	590.0	NO	YES
934	Live oak	23.9	10.4	49.30	Excellent	307.10	64.47	6.23	161.20	21.65	938.0	NO	YES
935	Live oak	20.6	10.1	67.90	Excellent	379.17	79.60	5.59	124.91	17.39	767.0	NO	YES
936	Live oak	14.2	11.0	69.49	Excellent	331.01	69.49	6.98	64.52	10.16	473.0	NO	YES
937	Live oak	18.3	11.3	63.50	Excellent	383.99	80.61	6.05	101.42	14.64	663.0	NO	YES
938	Live oak	11.9	10.7	65.70	Excellent	390.98	82.08	5.95	56.45	7.90	333.0	NO	YES
939	Coconut palm	33.0	7.0	23.60	Excellent	116.83	19.59	4.94	13.05	0.32	2,033.0	NO	NO
940	Coconut palm	27.2	7.9	21.10	Excellent	108.40	18.18	5.14	14.73	0.41	2,243.0	NO	NO
941	Coconut palm	32.5	7.9	21.10	Excellent	108.40	18.18	5.14	14.73	0.41	2,243.0	NO	NO
942	Coconut palm	26.9	8.5	21.10	Excellent	108.40	18.18	5.14	16.52	0.47	2,453.0	NO	NO
943	Coconut palm	26.2	11.0	33.70	Excellent	296.78	49.77	8.8	39.14	0.75	2,138.0	NO	NO
944	Coconut palm	23.1	9.1	29.20	Excellent	237.04	39.75	8.12	27.21	0.53	1,718.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
945	Coconut palm	26.2	10.7	18.70	Excellent	156.32	26.22	8.37	28.20	0.72	2,243.0	NO	NO
946	Coconut palm	30.2	11.0	22.30	Excellent	226.70	38.02	10.15	34.44	0.75	1,928.0	NO	NO
947	Coconut palm	30.2	4.0	17.50	Excellent	54.25	9.10	3.09	4.63	0.11	1,298.0	NO	NO
948	Coconut palm	25.4	7.9	21.10	Excellent	120.51	20.21	5.72	15.54	0.41	2,033.0	NO	NO
949	Coconut palm	30.0	10.7	15.30	Excellent	110.27	18.49	7.19	25.11	0.72	2,558.0	NO	NO
950	Coconut palm	25.4	8.8	17.50	Excellent	124.76	20.92	7.12	18.62	0.50	1,928.0	NO	NO
951	Coconut palm	22.9	8.5	32.20	Excellent	217.94	36.55	6.77	23.87	0.47	1,928.0	NO	NO
952	Coconut palm	25.9	9.8	36.90	Excellent	273.47	45.86	7.4	31.99	0.60	2,138.0	NO	NO
953	Coconut palm	26.4	9.1	26.30	Excellent	176.99	29.68	6.72	23.18	0.53	2,138.0	NO	NO
954	Coconut palm	18.3	6.7	22.30	Excellent	134.94	22.63	6.04	13.64	0.30	1,508.0	NO	NO
955	Coconut palm	26.2	6.7	29.20	Excellent	171.21	28.71	5.87	16.07	0.30	1,613.0	NO	NO
956	Coconut palm	19.6	7.6	21.10	Excellent	133.98	22.47	6.35	15.64	0.38	1,718.0	NO	NO
957	Coconut palm	29.5	9.8	11.40	Excellent	90.52	15.18	7.94	19.72	0.60	2,138.0	NO	NO
958	Coconut palm	31.0	9.1	10.50	Excellent	69.94	11.73	6.66	16.00	0.53	2,243.0	NO	NO
959	Coconut palm	26.2	13.1	27.70	Excellent	248.41	41.66	8.95	48.93	1.06	2,873.0	NO	NO
960	Coconut palm	25.4	9.4	29.20	Excellent	196.83	33.01	6.74	25.65	0.57	2,243.0	NO	NO
961	Coconut palm	28.4	8.5	25.00	Excellent	159.43	26.74	6.38	19.95	0.47	2,033.0	NO	NO
962	Coconut palm	19.8	8.2	29.20	Excellent	187.89	31.51	6.44	20.93	0.44	1,928.0	NO	NO
963	Coconut palm	22.4	8.2	22.30	Excellent	142.13	23.84	6.36	17.86	0.44	1,928.0	NO	NO
964	Coconut palm	17.8	2.4	30.70	Excellent	113.46	19.03	3.7	7.85	0.04	1,088.0	NO	NO
965	Coconut palm	21.3	3.7	33.70	Excellent	93.09	15.61	2.76	7.03	0.09	1,088.0	NO	NO
966	Coconut palm	17.0	7.3	21.10	Excellent	127.07	21.31	6.03	14.43	0.35	1,718.0	NO	NO
967	Coconut palm	18.3	8.8	38.60	Excellent	274.55	46.05	7.11	28.66	0.50	1,928.0	NO	NO
968	Coconut palm	20.1	9.8	22.30	Excellent	184.22	30.90	8.24	26.01	0.60	1,928.0	NO	NO
969	Coconut palm	18.8	7.0	16.40	Excellent	52.50	8.80	3.2	8.74	0.32	2,348.0	NO	NO
970	Coconut palm	17.0	11.3	21.10	Excellent	165.59	27.77	7.85	31.94	0.79	2,558.0	NO	NO
971	Coconut palm	23.6	5.2	16.40	Excellent	83.22	13.96	5.07	7.75	0.18	1,298.0	NO	NO
972	Coconut palm	16.8	7.6	36.90	Excellent	232.03	38.91	6.28	22.22	0.38	1,823.0	NO	NO
973	Coconut palm	16.5	10.7	29.20	Excellent	285.47	47.88	9.78	36.87	0.72	1,823.0	NO	NO
974	Coconut palm	17.8	10.1	36.90	Excellent	309.33	51.88	8.37	35.68	0.64	1,928.0	NO	NO
975	Coconut palm	18.0	10.1	29.20	Excellent	285.47	47.88	9.78	34.08	0.64	1,613.0	NO	NO
976	Coconut palm	25.9	10.1	40.30	Excellent	376.71	63.18	9.35	40.20	0.64	1,613.0	NO	NO
977	Coconut palm	19.1	12.8	61.40	Excellent	469.78	78.79	7.66	61.64	1.01	2,978.0	NO	NO
978	Coconut palm	27.2	3.7	7.30	Excellent	23.32	3.91	3.2	2.35	0.09	1,403.0	NO	NO
979	Coconut palm	18.5	3.0	7.30	Excellent	30.35	5.09	4.16	2.50	0.07	983.0	NO	NO
980	Coconut palm	17.8	8.5	21.10	Excellent	120.51	20.21	5.72	17.34	0.47	2,243.0	NO	NO
981	Coconut palm	22.6	9.1	17.50	Excellent	94.20	15.80	5.37	17.63	0.53	2,558.0	NO	NO
982	Coconut palm	18.5	8.5	18.70	Excellent	85.25	14.30	4.56	14.97	0.47	2,663.0	NO	NO
983	Coconut palm	23.9	7.6	21.10	Excellent	108.40	18.18	5.14	13.92	0.38	2,138.0	NO	NO
984	Coconut palm	25.4	12.2	29.20	Excellent	196.83	33.01	6.74	39.34	0.92	3,188.0	NO	NO
985	Coconut palm	19.1	7.9	32.20	Excellent	182.54	30.61	5.67	19.70	0.41	2,138.0	NO	NO
986	Coconut palm	27.2	8.2	40.30	Excellent	255.27	42.81	6.33	25.45	0.44	2,033.0	NO	NO
987	Coconut palm	24.4	9.4	23.60	Excellent	158.46	26.58	6.7	23.07	0.57	2,243.0	NO	NO
988	Coconut palm	18.3	5.5	25.00	Excellent	130.68	21.92	5.23	11.32	0.20	1,403.0	NO	NO
989	Coconut palm	14.0	6.1	16.40	Excellent	93.33	15.65	5.68	9.73	0.25	1,403.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
990	Coconut palm	25.1	7.0	17.50	Excellent	117.94	19.78	6.73	13.13	0.32	1,403.0	NO	NO
991	Coconut palm	17.5	5.2	14.30	Excellent	49.00	8.22	3.43	5.45	0.18	1,718.0	NO	NO
992	Coconut palm	19.3	9.8	17.50	Excellent	99.65	16.71	5.68	20.33	0.60	2,663.0	NO	NO
993	Coconut palm	23.1	9.1	32.20	Excellent	238.14	39.94	7.4	27.29	0.53	1,928.0	NO	NO
994	Coconut palm	22.9	11.9	40.30	Excellent	298.26	50.02	7.4	44.29	0.88	2,873.0	NO	NO
995	Coconut palm	24.1	9.8	26.30	Excellent	160.58	26.93	6.1	24.42	0.60	2,558.0	NO	NO
996	Coconut palm	29.2	13.4	22.30	Excellent	238.77	40.05	10.69	50.52	1.10	2,663.0	NO	NO
997	Coconut palm	17.8	12.8	29.20	Excellent	272.50	45.70	9.34	48.41	1.01	2,663.0	NO	NO
998	Coconut palm	28.7	8.2	21.10	Excellent	127.07	21.31	6.03	16.85	0.44	2,033.0	NO	NO
999	Coconut palm	18.0	11.6	14.30	Excellent	156.89	26.31	10.97	33.04	0.84	2,138.0	NO	NO
1000	Coconut palm	25.1	13.7	22.30	Excellent	204.36	34.27	9.15	50.54	1.15	3,083.0	NO	NO
1001	Coconut palm	18.8	10.1	21.10	Excellent	127.07	21.31	6.03	23.45	0.64	2,663.0	NO	NO
1002	Coconut palm	27.9	11.6	29.20	Excellent	226.27	37.95	7.75	37.69	0.84	2,663.0	NO	NO
1003	Coconut palm	26.4	9.1	18.70	Excellent	118.67	19.90	6.35	19.27	0.53	2,243.0	NO	NO
1004	Coconut palm	30.7	8.5	19.90	Excellent	133.16	22.33	6.7	18.18	0.47	1,928.0	NO	NO
1005	Coconut palm	23.9	12.8	29.20	Excellent	237.04	39.75	8.12	46.03	1.01	2,978.0	NO	NO
1006	Coconut palm	24.1	10.1	32.20	Excellent	272.01	45.62	8.45	33.18	0.64	1,928.0	NO	NO
1007	Coconut palm	14.2	8.8	35.30	Excellent	220.86	37.04	6.25	25.06	0.50	2,243.0	NO	NO
1008	Coconut palm	22.1	6.7	16.40	Excellent	88.13	14.78	5.37	10.50	0.30	1,718.0	NO	NO
1009	Coconut palm	22.9	9.8	21.10	Excellent	120.51	20.21	5.72	21.73	0.60	2,663.0	NO	NO
1010	Coconut palm	24.1	9.1	18.70	Excellent	69.28	11.62	3.71	15.96	0.53	2,978.0	NO	NO
1011	Coconut palm	23.9	8.5	18.70	Excellent	90.08	15.11	4.82	15.29	0.47	2,558.0	NO	NO
1012	Coconut palm	28.2	10.7	23.60	Excellent	143.15	24.01	6.06	27.32	0.72	2,873.0	NO	NO
1013	Coconut palm	23.1	7.9	21.10	Excellent	120.51	20.21	5.72	15.54	0.41	2,033.0	NO	NO
1014	Coconut palm	17.5	8.8	16.40	Excellent	98.83	16.57	6.02	16.88	0.50	2,243.0	NO	NO
1015	Coconut palm	26.2	9.4	17.50	Excellent	105.41	17.68	6.01	19.51	0.57	2,453.0	NO	NO
1016	Live oak	19.3	11.6	49.30	Excellent	259.72	54.52	5.27	101.07	15.84	707.0	NO	YES
1017	washingtonia spp	26.9	10.4	10.50	Excellent	79.46	12.27	7.56	21.19	0.68	1,602.0	NO	NO
1018	washingtonia spp	27.4	9.4	8.80	Excellent	49.75	7.68	5.63	15.52	0.57	1,757.0	NO	NO
1019	washingtonia spp	25.9	11.3	10.50	Excellent	84.69	13.08	8.06	26.06	0.79	1,757.0	NO	NO
1020	washingtonia spp	23.9	10.7	9.60	Excellent	84.44	13.04	8.75	22.93	0.72	1,525.0	NO	NO
1021	washingtonia spp	27.7	10.1	12.30	Excellent	96.65	14.93	7.84	20.90	0.64	1,447.0	NO	NO
1022	washingtonia spp	26.9	10.7	8.80	Excellent	90.04	13.91	10.2	23.28	0.72	1,370.0	NO	NO
1023	Live oak	17.8	11.6	47.40	Excellent	367.22	77.09	7.74	95.27	14.05	641.0	NO	YES
1024	Live oak	24.9	10.1	61.40	Excellent	356.90	74.92	5.82	180.37	23.02	996.0	NO	YES
1025	Live oak	18.3	11.3	47.40	Excellent	342.66	71.94	7.22	97.95	14.64	663.0	NO	YES
1026	Live oak	16.0	12.2	45.60	Excellent	371.74	78.04	8.15	80.63	12.05	571.0	NO	YES
1027	Live oak	17.3	12.8	67.90	Excellent	458.69	96.29	6.76	98.41	13.47	620.0	NO	YES
1028	Live oak	23.9	10.7	55.20	Excellent	364.31	76.48	6.6	166.00	21.65	938.0	NO	YES
1029	Live oak	20.1	9.1	61.40	Excellent	338.11	70.98	5.51	115.78	16.77	742.0	NO	YES
1030	Live oak	24.1	9.4	42.00	Excellent	252.08	52.92	6	160.23	21.99	953.0	NO	YES
1031	Live oak	22.6	11.0	36.90	Excellent	266.37	55.92	7.21	140.36	19.97	869.0	NO	YES
1032	Live oak	20.6	12.2	40.30	Excellent	319.53	67.08	7.93	119.90	17.39	767.0	NO	YES
1033	Cabbage palmetto	27.9	9.1	11.40	Excellent	85.02	14.26	7.46	17.01	0.53	2,69.0	NO	YES
1034	Cabbage palmetto	24.1	12.8	11.40	Excellent	79.86	13.39	7	35.49	1.01	328.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1035	Cabbage palmetto	32.3	12.2	13.30	Excellent	80.92	13.57	6.09	31.57	0.92	328.0	NO	YES
1036	Cabbage palmetto	33.5	8.5	13.30	Excellent	59.80	10.03	4.5	13.26	0.47	296.0	NO	YES
1037	Cabbage palmetto	35.6	9.4	12.30	Excellent	45.50	7.63	3.69	15.50	0.57	319.0	NO	YES
1038	Cabbage palmetto	36.6	11.0	11.40	Excellent	66.17	11.10	5.8	23.67	0.75	314.0	NO	YES
1039	Cabbage palmetto	37.8	11.0	14.30	Excellent	86.59	14.52	6.05	25.04	1.17	310.0	NO	YES
1040	Cabbage palmetto	46.5	10.1	12.30	Excellent	66.79	11.20	5.42	19.72	0.65	305.0	NO	YES
1041	Cabbage palmetto	46.5	11.3	12.30	Excellent	80.34	13.48	6.52	26.65	0.81	310.0	NO	YES
1042	Cabbage palmetto	47.5	9.1	11.40	Excellent	58.37	9.79	5.12	15.46	0.54	296.0	NO	YES
1043	Cabbage palmetto	51.8	12.8	10.50	Excellent	132.52	22.19	12.59	39.63	1.03	287.0	NO	YES
1044	Cabbage palmetto	54.1	11.6	10.50	Excellent	65.62	11.01	6.25	27.38	0.85	319.0	NO	YES
1045	Cabbage palmetto	26.2	10.7	8.80	Excellent	46.58	7.81	5.28	20.84	0.72	319.0	NO	YES
1046	Cabbage palmetto	25.7	8.5	12.30	Excellent	55.52	9.31	4.5	12.98	0.47	296.0	NO	YES
1047	Cabbage palmetto	37.6	11.0	12.30	Excellent	71.03	11.91	5.76	24.00	1.17	314.0	NO	YES
1048	Cabbage palmetto	23.4	12.2	10.50	Excellent	79.46	13.33	7.56	31.47	0.92	314.0	NO	YES
1049	Cabbage palmetto	26.2	11.0	10.50	Excellent	50.85	8.53	4.84	22.64	0.75	328.0	NO	YES
1050	Cabbage palmetto	24.9	10.1	8.80	Excellent	56.76	9.52	6.43	18.74	0.64	296.0	NO	YES
1051	Cabbage palmetto	23.4	9.4	7.30	Excellent	32.49	5.45	4.45	14.62	0.57	314.0	NO	YES
1052	Cabbage palmetto	26.4	11.0	7.30	Excellent	42.66	7.15	5.85	22.09	0.75	319.0	NO	YES
1053	Cabbage palmetto	23.9	11.3	10.50	Excellent	69.94	11.73	6.66	25.52	0.79	310.0	NO	YES
1054	Live oak	19.8	11.0	53.20	Excellent	345.26	72.48	6.49	113.62	16.46	731.0	NO	YES
1055	Live oak	26.9	10.4	57.20	Excellent	340.93	71.57	5.96	211.90	25.85	1,120.0	NO	YES
1056	Cabbage palmetto	39.4	11.0	14.30	Excellent	103.49	17.36	7.24	26.58	0.77	296.0	NO	YES
1057	Cabbage palmetto	45.2	12.2	12.30	Excellent	90.88	15.24	7.37	32.78	0.94	314.0	NO	YES
1058	washingtonia spp	27.2	13.1	11.40	Excellent	109.25	16.87	9.58	39.01	1.06	1,990.0	NO	NO
1059	Live oak	32.0	10.1	49.30	Excellent	307.10	64.47	6.23	309.06	33.40	1,470.0	NO	YES
1060	washingtonia spp	24.6	11.3	15.30	Excellent	116.89	18.05	7.62	28.05	0.79	1,757.0	NO	NO
1061	washingtonia spp	27.4	12.8	11.40	Excellent	79.86	12.33	7	35.06	1.01	2,300.0	NO	NO
1062	washingtonia spp	25.4	11.6	12.30	Excellent	116.27	17.96	9.43	29.69	0.84	1,602.0	NO	NO
1063	washingtonia spp	25.9	12.2	10.50	Excellent	84.69	13.08	8.06	31.37	0.92	1,990.0	NO	NO
1064	washingtonia spp	24.1	11.3	9.60	Excellent	102.57	15.84	10.63	27.17	0.79	1,447.0	NO	NO
1065	washingtonia spp	29.5	11.0	8.00	Excellent	84.23	13.01	10.47	24.44	0.75	1,447.0	NO	NO
1066	Cabbage palmetto	56.9	7.6	10.50	Excellent	50.85	8.53	4.84	10.20	0.39	278.0	NO	YES
1067	Cabbage palmetto	49.3	8.5	12.30	Excellent	80.34	13.48	6.52	14.83	0.48	269.0	NO	YES
1068	Cabbage palmetto	52.6	9.1	14.30	Excellent	71.03	11.91	5.76	16.31	0.54	287.0	NO	YES
1069	Cabbage palmetto	29.7	10.1	14.30	Excellent	116.56	19.55	8.15	22.75	0.64	274.0	NO	YES
1070	Cabbage palmetto	32.3	9.1	15.30	Excellent	104.02	17.44	6.78	18.29	0.53	274.0	NO	YES
1071	Cabbage palmetto	30.2	11.3	16.40	Excellent	110.82	18.59	6.75	28.26	0.79	305.0	NO	YES
1072	Cabbage palmetto	34.0	11.6	16.40	Excellent	98.83	16.57	6.02	29.14	0.84	319.0	NO	YES
1073	Live oak	15.7	10.1	59.30	Excellent	349.01	73.27	5.89	76.77	11.77	561.0	NO	YES
1074	Live oak	19.3	10.1	67.90	Excellent	379.17	79.60	5.59	111.11	15.84	707.0	NO	YES
1075	Royal poinciana	26.9	9.8	43.80	Excellent	242.37	18.15	5.53	141.35	18.97	885.0	NO	NO
1076	Live oak	19.6	10.7	57.20	Excellent	340.93	71.57	5.96	110.55	16.15	719.0	NO	YES
1077	Royal poinciana	26.4	11.0	30.70	Excellent	201.41	15.08	6.57	136.40	18.61	866.0	NO	NO
1078	Royal poinciana	28.4	10.1	47.40	Excellent	250.98	18.79	5.29	161.54	20.48	943.0	NO	NO
1079	Royal poinciana	24.9	11.3	35.30	Excellent	246.79	18.48	6.99	118.75	17.20	812.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1080	Royal poinciana	26.7	10.4	43.80	Excellent	270.62	20.26	6.18	136.87	18.79	875.0	NO	NO
1081	Royal poinciana	26.4	11.6	36.90	Excellent	226.01	16.92	6.12	137.05	18.67	866.0	NO	NO
1082	Royal poinciana	24.6	11.0	38.60	Excellent	234.18	19.03	6.59	115.61	16.93	803.0	NO	NO
1083	Royal poinciana	27.4	10.1	26.30	Excellent	153.06	11.46	5.81	148.14	19.49	904.0	NO	NO
1084	Royal poinciana	23.6	11.3	33.70	Excellent	200.18	14.99	5.93	104.89	16.02	769.0	NO	NO
1085	royal palm spp	50.8	15.2	61.40	Excellent	482.65	80.95	7.87	83.48	1.44	2,533.0	NO	NO
1086	Cabbage palmetto	31.8	11.0	11.40	Excellent	75.00	12.58	6.58	24.26	0.75	305.0	NO	YES
1087	Slash pine	23.1	9.1	9.60	Excellent	37.05	3.57	3.84	31.61	2.39	755.0	NO	YES
1088	Cabbage palmetto	30.5	9.1	12.30	Excellent	80.34	13.48	6.52	16.70	0.53	278.0	NO	YES
1089	Cabbage palmetto	44.7	10.1	16.40	Excellent	117.35	19.68	7.15	23.11	0.65	283.0	NO	YES
1090	Live oak	56.6	10.1	47.40	Excellent	308.88	64.84	6.51	1,219.44	78.35	4,026.0	NO	YES
1091	Cabbage palmetto	51.8	7.6	12.30	Excellent	59.05	9.90	4.79	10.75	0.39	278.0	NO	YES
1092	Live oak	29.7	10.7	55.20	Excellent	353.45	74.20	6.41	264.71	29.92	1,305.0	NO	YES
1093	Slash pine	23.4	9.4	8.80	Good	36.81	3.55	4.17	33.26	2.49	725.0	NO	YES
1094	Cabbage palmetto	47.5	12.8	19.90	Excellent	148.36	24.88	7.47	40.71	1.03	319.0	NO	YES
1095	Slash pine	9.1	10.4	16.40	Excellent	74.25	7.16	4.52	8.43	1.95	117.0	NO	YES
1096	Cabbage palmetto	46.7	11.6	16.40	Excellent	131.60	22.07	8.02	31.81	0.85	296.0	NO	YES
1097	Live oak	48.3	11.3	77.10	Excellent	429.25	90.11	5.57	833.31	61.64	2,997.0	NO	YES
1098	Live oak	63.5	11.3	77.10	Excellent	429.25	90.11	5.57	1,627.77	93.02	4,991.0	NO	YES
1099	Live oak	54.9	11.3	43.80	Excellent	337.40	70.83	7.7	1,129.68	74.69	3,794.0	NO	YES
1100	Earleaf acacia	44.2	12.8	105.40	Excellent	433.62	104.80	4.12	512.48	38.10	1,736.0	NO	NO
1101	Live oak	50.8	12.2	49.30	Excellent	363.13	76.23	7.36	937.73	66.56	3,292.0	NO	YES
1102	Live oak	27.2	12.2	51.20	Excellent	371.34	77.96	7.25	218.84	26.21	1,136.0	NO	YES
1103	Live oak	27.2	11.6	70.10	Excellent	413.30	86.76	5.89	222.36	26.21	1,136.0	NO	YES
1104	Live oak	44.7	12.2	57.20	Excellent	394.52	82.82	6.9	690.57	54.97	2,610.0	NO	YES
1105	Live oak	28.2	11.3	49.30	Excellent	351.16	73.72	7.12	235.33	27.68	1,202.0	NO	YES
1106	Live oak	36.6	11.0	45.60	Excellent	322.30	67.66	7.07	423.62	40.74	1,837.0	NO	YES
1107	washingtonia spp	25.4	11.3	10.50	Excellent	69.94	10.80	6.66	25.15	0.79	1,990.0	NO	NO
1108	washingtonia spp	22.1	13.1	9.60	Excellent	61.06	9.43	6.33	36.04	1.06	2,533.0	NO	NO
1109	washingtonia spp	23.6	13.7	10.50	Excellent	54.20	8.37	5.16	40.18	1.15	2,921.0	NO	NO
1110	washingtonia spp	27.7	12.2	11.40	Excellent	66.17	10.22	5.8	30.23	0.92	2,378.0	NO	NO
1111	washingtonia spp	23.1	11.6	12.30	Excellent	55.52	8.57	4.5	25.94	0.84	2,533.0	NO	NO
1112	washingtonia spp	22.9	11.6	10.50	Excellent	47.71	7.37	4.54	25.46	0.84	2,533.0	NO	NO
1113	washingtonia spp	21.8	12.8	9.60	Excellent	57.23	8.84	5.93	33.66	1.01	2,533.0	NO	NO
1114	washingtonia spp	22.9	12.2	9.60	Excellent	44.16	6.82	4.58	28.87	0.92	2,688.0	NO	NO
1115	washingtonia spp	23.1	12.2	9.60	Excellent	57.23	8.84	5.93	29.02	0.92	2,378.0	NO	NO
1116	washingtonia spp	20.8	12.2	8.80	Excellent	46.58	7.19	5.28	29.02	0.92	2,533.0	NO	NO
1117	washingtonia spp	25.9	11.3	8.80	Excellent	38.22	5.90	4.33	23.19	0.79	2,533.0	NO	NO
1118	washingtonia spp	24.6	11.3	9.60	Excellent	50.27	7.76	5.21	23.94	0.79	2,300.0	NO	NO
1119	washingtonia spp	26.9	11.9	9.60	Excellent	53.64	8.28	5.56	27.59	0.88	2,378.0	NO	NO
1120	washingtonia spp	20.8	12.2	10.50	Excellent	61.57	9.51	5.86	29.94	0.92	2,378.0	NO	NO
1121	washingtonia spp	24.9	12.8	10.50	Excellent	61.57	9.51	5.86	33.93	1.01	2,533.0	NO	NO
1122	washingtonia spp	17.8	12.8	10.50	Excellent	54.20	8.37	5.16	33.48	1.01	2,688.0	NO	NO
1123	washingtonia spp	21.6	12.8	10.50	Excellent	69.94	10.80	6.66	34.45	1.01	2,378.0	NO	NO
1124	washingtonia spp	20.8	12.2	12.30	Excellent	55.52	8.57	4.5	29.57	0.92	2,688.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1125	washingtonia spp	24.1	11.6	11.40	Excellent	54.83	8.47	4.81	25.90	0.84	2,455.0	NO	NO
1126	washingtonia spp	23.9	11.3	11.40	Excellent	48.37	7.47	4.24	23.82	0.79	2,533.0	NO	NO
1127	washingtonia spp	23.6	11.3	12.30	Excellent	62.80	9.70	5.09	24.71	0.79	2,300.0	NO	NO
1128	washingtonia spp	23.9	12.2	10.50	Excellent	61.57	9.51	5.86	29.94	0.92	2,378.0	NO	NO
1129	washingtonia spp	23.9	11.6	10.50	Good	61.57	9.51	5.86	26.32	0.84	2,111.0	NO	NO
1130	washingtonia spp	24.1	12.2	9.60	Good	44.16	6.82	4.58	28.87	0.92	2,553.0	NO	NO
1131	washingtonia spp	24.4	10.7	8.80	Good	40.82	6.30	4.62	20.24	0.72	2,185.0	NO	NO
1132	washingtonia spp	22.9	11.6	7.30	Good	56.01	8.65	7.68	25.97	0.84	1,890.0	NO	NO
1133	washingtonia spp	24.1	11.0	8.00	Good	46.09	7.12	5.73	22.08	0.75	2,038.0	NO	NO
1134	washingtonia spp	23.1	10.7	8.80	Good	43.60	6.73	4.94	20.41	0.72	2,111.0	NO	NO
1135	Brazilian pepper	55.9	12.2	20.70	Poor	290.33	21.74	1.32	831.34	22.27	1,579.0	NO	NO
1136	Slash pine	25.4	8.5	9.60	Excellent	37.05	3.57	3.84	35.35	2.50	833.0	NO	YES
1137	Dahoon	20.3	4.3	7.30	Good	19.59	2.62	2.69	69.63	6.84	635.0	NO	YES
1138	Dahoon	20.3	3.0	5.30	Good	13.68	1.83	2.59	68.40	6.78	635.0	NO	YES
1139	Brazilian pepper	18.3	8.5	108.20	Poor	152.65	11.43	1.41	60.35	4.61	381.0	NO	NO
1140	Slash pine	19.6	9.8	14.30	Excellent	53.44	5.15	3.74	25.25	2.13	649.0	NO	YES
1141	Slash pine	21.8	9.8	18.70	Excellent	73.74	7.11	3.95	31.63	2.39	715.0	NO	YES
1142	Cabbage palmetto	55.9	12.2	21.10	Excellent	165.59	22.77	7.85	37.79	0.94	305.0	NO	YES
1143	Cabbage palmetto	47.2	12.8	14.30	Excellent	109.83	18.42	7.68	38.12	1.03	319.0	NO	YES
1144	Cabbage palmetto	60.5	12.8	12.30	Excellent	96.65	16.21	7.84	37.24	1.03	319.0	NO	YES
1145	Cabbage palmetto	57.4	15.5	14.30	Excellent	211.19	35.42	14.77	66.30	1.49	310.0	NO	YES
1146	Cabbage palmetto	48.8	14.0	15.30	Excellent	197.64	33.15	12.88	53.34	1.23	296.0	NO	YES
1147	Coco plum	31.5	4.9	25.00	Good	75.24	5.63	3.01	200.22	22.91	1,016.0	NO	YES
1148	Earleaf acacia	42.2	10.7	40.30	Excellent	263.03	63.57	6.53	440.68	35.37	1,614.0	NO	NO
1149	Slash pine	45.7	9.4	16.40	Excellent	80.77	7.78	4.92	121.40	9.33	1,848.0	NO	YES
1150	Cabbage palmetto	50.8	9.4	10.50	Excellent	74.55	12.50	7.1	17.70	0.32	278.0	NO	YES
1151	Live oak	61.0	10.7	59.30	Excellent	277.04	58.16	4.67	1,459.43	48.77	4,621.0	NO	YES
1152	Cabbage palmetto	61.0	9.8	21.10	Excellent	157.05	26.34	7.45	24.47	0.34	274.0	NO	YES
1153	Cabbage palmetto	34.8	9.8	21.10	Excellent	157.05	26.34	7.45	24.18	0.34	274.0	NO	YES
1154	Slash pine	17.3	10.4	12.30	Excellent	48.27	4.65	3.91	21.16	1.98	589.0	NO	YES
1155	Slash pine	24.6	11.0	14.30	Excellent	55.39	5.34	3.87	43.00	3.00	806.0	NO	YES
1156	Earleaf acacia	40.6	9.1	32.20	Good	111.34	26.91	3.46	387.40	18.55	1,451.0	NO	NO
1157	Live oak	40.6	7.9	40.30	Excellent	208.26	43.72	5.17	534.59	47.67	2,204.0	NO	YES
1158	Australian pine	55.9	9.8	42.00	Excellent	348.37	26.61	8.29	363.02	21.22	2,939.0	NO	NO
1159	Dahoon	45.7	4.6	16.40	Excellent	53.76	7.19	3.27	488.85	38.58	1,831.0	NO	YES
1160	Dahoon	50.8	5.2	19.90	Excellent	69.30	9.26	3.49	633.24	44.89	2,171.0	NO	YES
1161	Slash pine	18.5	8.2	21.10	Excellent	89.38	8.61	4.24	21.14	3.16	621.0	NO	YES
1162	Slash pine	32.0	8.5	21.10	Excellent	84.77	8.17	4.02	56.58	5.79	1,099.0	NO	YES
1163	Cabbage palmetto	35.8	12.2	14.30	Excellent	97.52	16.36	6.82	32.68	0.92	319.0	NO	YES
1164	Brazilian pepper	23.9	11.6	55.20	Fair	234.47	17.56	4.25	114.88	16.28	637.0	NO	NO
1165	Brazilian pepper	15.7	10.7	72.40	Fair	271.35	20.32	3.75	48.20	9.28	454.0	NO	NO
1166	Live oak	32.3	7.6	40.30	Excellent	200.31	42.05	4.97	305.79	33.80	1,489.0	NO	YES
1167	Brazilian pepper	45.7	11.0	70.10	Poor	210.83	15.79	3.01	511.38	29.97	1,135.0	NO	NO
1168	Cabbage palmetto	50.8	8.5	12.30	Good	53.86	9.03	4.37	13.06	0.48	281.0	NO	YES
1169	Cabbage palmetto	34.3	9.4	11.40	Good	60.28	10.11	5.29	16.49	0.57	281.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1170	Live oak	48.8	7.9	36.90	Excellent	199.81	41.95	5.41	835.35	62.61	3,055.0	NO	YES
1171	Cabbage palmetto	30.5	11.0	8.80	Excellent	96.17	16.13	10.89	25.68	0.75	274.0	NO	YES
1172	Brazilian pepper	30.5	11.3	40.30	Good	191.60	14.35	4.75	197.85	22.66	975.0	NO	NO
1173	Slash pine	16.3	9.1	21.10	Good	82.23	7.93	3.9	18.33	3.03	537.0	NO	YES
1174	Brazilian pepper	61.0	10.1	29.20	Fair	109.21	8.18	3.74	1,006.85	59.14	2,426.0	NO	NO
1175	Live oak	26.7	7.0	29.20	Excellent	139.52	29.29	4.78	190.66	25.49	1,104.0	NO	YES
1176	Australian pine	32.5	9.1	32.20	Excellent	199.46	15.23	6.2	113.64	11.01	1,227.0	NO	NO
1177	Brazilian pepper	20.3	7.6	16.40	Good	65.86	4.93	4.01	72.96	12.76	635.0	NO	NO
1178	Live oak	56.6	12.2	84.30	Excellent	456.09	95.75	5.41	1,231.80	78.35	4,026.0	NO	YES
1179	Brazilian pepper	25.4	10.7	26.30	Poor	104.97	7.86	3.99	127.11	13.26	514.0	NO	NO
1180	Live oak	61.2	13.1	89.40	Excellent	466.76	97.99	5.22	1,490.48	88.04	4,657.0	NO	YES
1181	Brazilian pepper	25.4	10.1	45.60	Poor	150.21	11.25	3.29	127.85	13.21	514.0	NO	NO
1182	Australian pine	57.7	9.1	32.20	Excellent	217.94	16.64	6.77	379.39	21.83	3,107.0	NO	NO
1183	tree anemone spp	11.2	4.3	6.60	Excellent	22.18	1.66	3.37	17.08	5.58	173.0	NO	NO
1184	tree anemone spp	19.3	5.5	10.50	Excellent	37.31	2.79	3.55	62.57	11.72	640.0	NO	NO
1185	Royal poinciana	22.4	9.8	43.80	Excellent	217.06	16.25	4.96	90.82	14.73	728.0	NO	NO
1186	Royal poinciana	24.4	10.1	45.60	Excellent	233.78	17.51	5.13	111.95	16.60	794.0	NO	NO
1187	Brazilian pepper	18.0	9.1	16.40	Good	73.40	5.50	4.47	56.49	10.99	577.0	NO	NO
1188	Royal poinciana	21.3	10.7	42.00	Excellent	261.80	19.60	6.23	82.00	13.91	698.0	NO	NO
1189	Royal poinciana	27.4	11.6	42.00	Excellent	261.80	19.60	6.23	149.89	19.66	904.0	NO	NO
1190	Brazilian pepper	7.6	10.7	29.20	Good	186.17	13.94	6.38	12.97	3.68	76.0	NO	NO
1191	Royal poinciana	21.6	9.8	35.30	Excellent	199.88	14.97	5.66	83.64	14.05	705.0	NO	NO
1192	Dahoon	26.9	4.6	18.70	Excellent	48.14	6.44	2.58	137.90	10.16	885.0	NO	YES
1193	Earleaf acacia	55.4	10.4	65.70	Excellent	276.60	66.85	4.21	824.15	28.82	2,507.0	NO	NO
1194	Royal poinciana	22.6	10.4	45.60	Excellent	260.19	19.48	5.71	93.79	15.01	786.0	NO	NO
1195	Royal poinciana	19.6	10.1	40.30	Excellent	243.34	18.22	6.04	66.37	12.33	647.0	NO	NO
1196	Royal poinciana	20.8	10.1	38.60	Excellent	216.60	16.22	5.61	77.03	13.41	683.0	NO	NO
1197	Royal poinciana	18.0	10.7	47.40	Excellent	259.82	19.45	5.48	55.13	11.11	607.0	NO	NO
1198	Royal poinciana	21.3	9.8	55.20	Excellent	303.79	22.75	5.51	81.33	13.83	698.0	NO	NO
1199	Earleaf acacia	77.2	9.1	45.60	Excellent	164.26	39.70	3.6	1,784.34	46.02	4,426.0	NO	NO
1200	Earleaf acacia	71.1	10.4	65.70	Excellent	276.60	66.85	4.21	1,484.20	41.09	3,888.0	NO	NO
1201	Live oak	43.7	12.2	57.20	Excellent	394.52	82.82	6.9	663.57	53.11	2,505.0	NO	YES
1202	Live oak	42.7	12.2	61.40	Excellent	408.56	85.77	6.66	619.04	51.28	2,403.0	NO	YES
1203	Live oak	46.0	12.8	70.10	Excellent	463.02	97.20	6.6	744.40	57.32	2,745.0	NO	YES
1204	Live oak	47.2	13.4	92.00	Excellent	473.73	99.45	5.15	795.43	59.70	2,884.0	NO	YES
1205	Live oak	50.8	12.8	105.40	Excellent	460.80	96.74	4.37	945.93	66.56	3,292.0	NO	YES
1206	Live oak	50.0	12.2	116.70	Excellent	454.29	95.37	3.89	911.49	65.07	3,202.0	NO	YES
1207	Live oak	53.8	12.2	116.70	Excellent	454.29	95.37	3.89	1,088.84	72.63	3,665.0	NO	YES
1208	Live oak	45.7	12.2	89.40	Excellent	473.38	99.38	5.3	735.49	56.85	2,718.0	NO	YES
1209	Live oak	56.4	12.2	102.60	Excellent	457.96	96.14	4.46	1,218.52	77.83	3,993.0	NO	YES
1210	Live oak	63.0	13.1	116.70	Excellent	452.81	95.06	3.88	1,597.86	91.90	4,916.0	NO	YES
1211	Live oak	32.3	10.7	84.30	Excellent	427.40	89.72	5.07	324.86	33.80	1,489.0	NO	YES
1212	Live oak	23.6	9.1	79.50	Excellent	381.35	80.06	4.8	163.83	21.31	924.0	NO	YES
1213	Live oak	50.8	12.8	105.40	Excellent	467.86	98.22	4.44	946.53	66.56	3,292.0	NO	YES
1214	Live oak	24.9	10.7	92.00	Excellent	443.92	93.19	4.83	187.67	23.02	996.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1215	Live oak	45.7	11.3	79.50	Excellent	441.82	92.75	5.56	732.84	56.85	2,718.0	NO	YES
1216	Live oak	36.3	11.0	70.10	Excellent	422.80	88.76	6.03	425.16	40.32	1,815.0	NO	YES
1217	Live oak	37.3	10.7	74.00	Excellent	419.00	87.96	5.79	452.88	42.01	1,903.0	NO	YES
1218	Live oak	42.4	11.3	74.70	Excellent	442.14	92.82	5.92	613.13	50.82	2,377.0	NO	YES
1219	Live oak	39.4	10.7	74.70	Excellent	424.33	89.08	5.68	512.99	45.47	2,085.0	NO	YES
1220	Live oak	26.2	11.0	65.70	Excellent	400.83	84.15	6.1	204.14	24.78	1,072.0	NO	YES
1221	Live oak	30.0	10.1	59.30	Excellent	349.01	73.27	5.89	269.43	30.30	1,323.0	NO	YES
1222	Live oak	39.4	9.8	59.30	Excellent	339.33	71.24	5.73	505.85	45.47	2,085.0	NO	YES
1223	Live oak	35.1	10.7	65.70	Excellent	381.37	80.06	5.81	388.26	38.24	1,709.0	NO	YES
1224	Live oak	36.3	10.7	53.20	Excellent	324.27	68.08	6.1	416.88	40.32	1,815.0	NO	YES
1225	Live oak	25.1	10.1	57.20	Excellent	351.03	73.69	6.14	183.77	23.37	1,011.0	NO	YES
1226	Live oak	35.1	9.1	57.20	Excellent	321.59	67.51	5.62	383.24	38.24	1,709.0	NO	YES
1227	Live oak	34.0	10.7	77.10	Excellent	429.25	90.11	5.57	366.84	36.60	1,627.0	NO	YES
1228	Live oak	33.0	11.3	65.70	Excellent	410.92	86.27	6.26	340.98	34.99	1,547.0	NO	YES
1229	Live oak	39.4	11.0	61.40	Excellent	397.66	83.48	6.48	510.75	45.47	2,085.0	NO	YES
1230	Live oak	50.8	13.1	111.00	Excellent	459.52	96.47	4.14	945.83	66.56	3,292.0	NO	YES
1231	Live oak	35.1	11.6	102.60	Excellent	446.19	93.67	4.35	393.70	38.24	1,709.0	NO	YES
1232	Live oak	35.6	11.0	99.90	Excellent	444.89	93.40	4.45	406.74	39.07	1,751.0	NO	YES
1233	Live oak	30.0	10.1	84.30	Excellent	407.08	85.46	4.83	274.31	30.30	1,323.0	NO	YES
1234	Live oak	36.8	10.1	79.50	Excellent	402.99	84.60	5.07	437.37	41.16	1,859.0	NO	YES
1235	Live oak	43.4	10.4	79.50	Excellent	418.10	87.77	5.26	646.51	52.65	2,479.0	NO	YES
1236	Live oak	40.6	10.1	61.40	Excellent	356.90	74.92	5.82	547.07	47.67	2,204.0	NO	YES
1237	Live oak	40.6	11.0	57.20	Excellent	372.14	78.12	6.51	548.35	47.67	2,204.0	NO	YES
1238	Live oak	37.6	10.7	59.30	Excellent	379.73	79.72	6.41	456.78	42.44	1,925.0	NO	YES
1239	Live oak	42.4	10.1	51.20	Excellent	326.15	68.47	6.37	603.39	50.82	2,377.0	NO	YES
1240	Live oak	47.5	11.3	61.40	Excellent	397.66	83.48	6.48	799.32	60.19	2,912.0	NO	YES
1241	Live oak	30.5	11.6	49.30	Excellent	375.51	78.83	7.61	282.04	31.07	1,359.0	NO	YES
1242	Live oak	28.4	9.1	49.30	Excellent	296.98	62.35	6.02	235.48	28.05	1,218.0	NO	YES
1243	Live oak	25.7	9.8	43.80	Excellent	280.75	58.94	6.41	185.84	24.07	1,041.0	NO	YES
1244	Live oak	30.0	8.5	59.30	Excellent	320.78	67.34	5.41	267.06	30.30	1,323.0	NO	YES
1245	Live oak	38.4	9.1	63.50	Excellent	355.22	74.57	5.59	476.75	43.73	1,993.0	NO	YES
1246	Live oak	45.5	11.0	53.20	Excellent	367.61	77.17	6.91	716.91	56.38	2,691.0	NO	YES
1247	Live oak	38.9	11.3	89.40	Excellent	453.80	95.27	5.08	500.09	44.60	2,039.0	NO	YES
1248	Live oak	47.8	12.2	122.70	Excellent	443.78	93.16	3.62	813.55	60.67	2,940.0	NO	YES
1249	Live oak	49.3	12.2	111.00	Excellent	457.02	95.94	4.12	878.60	63.59	3,113.0	NO	YES
1250	Live oak	19.3	10.1	89.40	Excellent	435.03	91.33	4.87	115.80	15.84	707.0	NO	YES
1251	Live oak	52.6	11.6	65.70	Excellent	410.92	86.27	6.26	1,023.88	70.08	3,507.0	NO	YES
1252	Live oak	51.8	12.2	102.60	Excellent	461.95	96.98	4.5	992.44	68.56	3,414.0	NO	YES
1253	Live oak	41.1	10.7	77.10	Excellent	420.97	88.38	5.46	568.89	48.57	2,253.0	NO	YES
1254	Live oak	40.6	10.7	67.90	Excellent	397.66	83.48	5.86	550.50	47.67	2,204.0	NO	YES
1255	Live oak	41.4	11.3	70.10	Excellent	432.51	90.80	6.17	578.20	49.01	2,278.0	NO	YES
1256	Live oak	45.0	11.6	49.30	Excellent	351.16	73.72	7.12	696.38	55.44	2,637.0	NO	YES
1257	Live oak	42.7	11.0	53.20	Excellent	356.26	74.79	6.7	614.65	51.28	2,403.0	NO	YES
1258	Live oak	40.6	10.7	51.20	Excellent	336.91	70.73	6.58	545.39	47.67	2,204.0	NO	YES
1259	Live oak	45.0	11.6	49.30	Excellent	339.59	71.29	6.88	695.41	55.44	2,637.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1260	Live oak	42.9	11.3	72.40	Excellent	419.00	87.96	5.79	628.73	51.73	2,428.0	NO	YES
1261	Live oak	46.0	12.5	97.20	Excellent	467.80	98.21	4.81	744.80	57.32	2,745.0	NO	YES
1262	Live oak	38.1	10.7	84.30	Excellent	441.51	92.69	5.23	476.58	43.30	1,970.0	NO	YES
1263	Live oak	31.8	10.1	84.30	Excellent	427.40	89.72	5.07	313.53	33.01	1,451.0	NO	YES
1264	Live oak	15.7	6.7	26.30	Excellent	126.00	26.45	4.78	58.04	11.77	561.0	NO	YES
1265	washingtonia spp	27.9	11.3	8.80	Excellent	84.29	13.02	9.55	26.04	0.79	1,602.0	NO	NO
1266	washingtonia spp	41.4	12.2	10.50	Excellent	90.26	13.94	8.59	32.26	0.94	1,912.0	NO	NO
1267	washingtonia spp	38.1	11.6	10.50	Excellent	109.29	16.88	10.4	29.26	1.32	1,525.0	NO	NO
1268	washingtonia spp	33.0	11.6	9.60	Excellent	116.78	18.03	12.1	29.73	0.84	1,370.0	NO	NO
1269	washingtonia spp	32.8	11.0	8.00	Excellent	90.07	13.91	11.2	24.80	0.75	1,370.0	NO	NO
1270	washingtonia spp	29.5	11.0	10.50	Excellent	57.77	8.92	5.5	22.80	0.75	2,145.0	NO	YES
1271	Live oak	21.6	7.6	32.20	Excellent	168.08	35.29	5.22	119.20	18.67	817.0	NO	YES
1272	washingtonia spp	29.7	11.0	11.40	Excellent	62.15	9.60	5.45	23.07	0.75	2,145.0	NO	NO
1273	washingtonia spp	23.6	10.4	12.30	Excellent	80.34	12.41	6.52	21.25	0.68	1,757.0	NO	NO
1274	washingtonia spp	22.9	11.6	10.50	Excellent	102.54	15.84	9.76	28.85	0.84	1,602.0	NO	NO
1275	washingtonia spp	30.0	11.9	10.50	Excellent	90.26	13.94	8.59	29.86	0.88	1,835.0	NO	NO
1276	washingtonia spp	30.5	10.7	7.30	Excellent	68.70	10.61	9.42	21.96	0.72	1,525.0	NO	NO
1277	Live oak	21.8	7.6	32.20	Excellent	168.08	35.29	5.22	122.34	18.99	830.0	NO	YES
1278	Live oak	17.8	7.0	35.30	Excellent	168.87	35.45	4.78	78.61	14.05	641.0	NO	YES
1279	washingtonia spp	27.2	10.7	10.50	Excellent	84.69	13.08	13.08	22.95	0.72	1,602.0	NO	NO
1280	washingtonia spp	24.9	11.0	10.50	Excellent	79.46	12.27	7.56	24.14	0.75	1,757.0	NO	NO
1281	washingtonia spp	25.7	10.1	8.80	Excellent	53.14	8.21	6.02	18.21	0.64	1,835.0	NO	NO
1282	washingtonia spp	26.4	11.9	8.80	Excellent	69.17	10.68	7.83	28.55	0.88	1,990.0	NO	NO
1283	washingtonia spp	29.5	11.3	10.50	Excellent	61.57	9.51	5.86	24.63	0.79	2,145.0	NO	NO
1284	Live oak	61.0	13.7	102.60	Excellent	478.27	100.40	4.66	1,476.32	87.49	4,621.0	NO	YES
1285	Live oak	26.2	10.1	49.30	Excellent	296.98	62.35	6.02	195.42	24.78	1,072.0	NO	YES
1286	Live oak	10.4	6.1	23.60	Excellent	102.36	21.49	4.33	25.34	6.50	254.0	NO	YES
1287	washingtonia spp	28.4	11.3	11.40	Excellent	66.17	10.22	5.8	24.92	0.79	2,145.0	NO	NO
1288	washingtonia spp	26.4	11.6	11.40	Excellent	70.45	10.88	6.18	26.86	0.84	2,145.0	NO	NO
1289	washingtonia spp	27.2	12.8	10.50	Excellent	74.55	11.51	7.1	34.73	1.01	2,300.0	NO	NO
1290	washingtonia spp	23.1	12.5	8.80	Excellent	49.75	7.68	5.63	31.16	0.97	2,533.0	NO	NO
1291	washingtonia spp	25.9	12.8	9.60	Excellent	65.15	10.06	6.75	34.15	1.01	2,378.0	NO	NO
1292	washingtonia spp	21.6	11.6	10.50	Excellent	65.62	10.13	6.25	26.57	0.84	2,145.0	NO	NO
1293	Live oak	38.1	10.4	53.20	Excellent	334.60	70.24	6.29	467.60	43.30	1,970.0	NO	YES
1294	Crimson bottlebrush	13.0	4.6	8.00	Excellent	27.84	2.08	3.46	24.28	6.80	232.0	NO	NO
1295	Crimson bottlebrush	15.7	4.6	9.60	Excellent	32.47	2.43	3.37	38.34	8.83	554.0	NO	NO
1296	Crimson bottlebrush	20.3	5.2	14.30	Excellent	44.10	3.30	3.08	70.58	12.54	668.0	NO	NO
1297	Crimson bottlebrush	22.6	5.5	14.30	Excellent	49.66	3.72	3.47	91.17	14.54	786.0	NO	NO
1298	Crimson bottlebrush	12.2	5.2	17.50	Excellent	52.92	3.96	3.02	22.05	6.31	206.0	NO	NO
1299	Crimson bottlebrush	10.2	6.1	14.30	Good	45.40	3.40	3.17	14.83	5.02	136.0	NO	NO
1300	Crimson bottlebrush	10.2	6.7	16.40	Good	58.47	4.38	3.56	15.35	5.06	136.0	NO	NO
1301	Cabbage palmetto	61.0	8.8	10.50	Excellent	69.94	11.73	6.66	15.15	0.51	274.0	NO	YES
1302	Cabbage palmetto	24.1	12.5	11.40	Excellent	70.45	11.82	6.18	32.81	0.97	332.0	NO	YES
1303	Cabbage palmetto	26.9	13.1	10.50	Excellent	74.55	12.50	7.1	37.27	1.06	332.0	NO	YES
1304	Cabbage palmetto	30.5	9.4	12.30	Excellent	62.80	10.53	5.09	16.66	0.57	301.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1305	Cabbage palmetto	30.5	9.8	14.30	Excellent	49.00	8.22	3.43	16.94	0.60	323.0	NO	YES
1306	Live oak	15.7	6.7	26.30	Excellent	126.00	26.45	4.78	58.04	11.77	561.0	NO	YES
1307	Live oak	18.5	7.0	35.30	Excellent	168.87	35.45	4.78	85.80	14.93	674.0	NO	YES
1308	Cabbage palmetto	27.2	10.1	12.30	Excellent	96.65	16.21	7.84	21.41	0.64	278.0	NO	YES
1309	Cabbage palmetto	32.8	10.7	16.40	Excellent	139.35	23.37	8.49	27.07	0.72	278.0	NO	YES
1310	Cabbage palmetto	23.1	10.7	16.40	Excellent	139.35	23.37	8.49	27.07	0.72	278.0	NO	YES
1311	Live oak	30.5	10.1	57.20	Excellent	331.12	69.51	5.79	278.31	31.07	1,359.0	NO	YES
1312	Southern magnolia	25.4	7.0	7.30	Excellent	47.50	6.41	6.51	122.79	17.23	930.0	NO	YES
1313	Southern magnolia	20.3	7.3	8.80	Excellent	62.12	8.39	7.04	74.13	12.73	712.0	NO	YES
1314	Live oak	30.5	10.7	70.10	Excellent	386.07	81.05	5.51	282.93	31.07	1,359.0	NO	YES
1315	Crimson bottlebrush	11.4	4.9	9.60	Excellent	32.47	2.43	3.37	18.45	5.78	181.0	NO	NO
1316	Crimson bottlebrush	12.7	5.5	11.40	Excellent	40.14	3.01	3.52	23.85	6.68	223.0	NO	NO
1317	Crimson bottlebrush	13.2	4.6	16.40	Excellent	50.77	3.80	3.09	26.07	6.98	242.0	NO	NO
1318	Crimson bottlebrush	22.9	5.8	15.30	Excellent	63.38	4.75	4.13	94.29	14.79	744.0	NO	NO
1319	Live oak	64.3	10.7	47.40	Excellent	308.88	64.84	6.51	1,666.74	94.72	5,106.0	NO	YES
1320	Crimson bottlebrush	18.0	5.8	7.30	Excellent	33.80	2.53	4.63	53.42	10.71	607.0	NO	NO
1321	Crimson bottlebrush	15.7	6.4	8.80	Excellent	36.66	2.75	4.15	39.30	8.97	554.0	NO	NO
1322	Crimson bottlebrush	26.4	7.3	9.60	Excellent	47.91	3.59	4.97	133.84	18.21	866.0	NO	NO
1323	washingtonia spp	31.5	11.3	10.50	Excellent	84.69	13.08	8.06	26.06	0.79	1,757.0	NO	NO
1324	washingtonia spp	29.5	11.9	8.80	Excellent	78.92	12.19	8.94	29.16	0.88	1,835.0	NO	NO
1325	Southern magnolia	25.4	7.9	7.30	Excellent	50.85	6.87	6.97	123.93	17.32	930.0	NO	YES
1326	Live oak	51.3	10.1	53.20	Excellent	314.26	65.97	5.91	956.66	67.56	3,353.0	NO	YES
1327	Live oak	24.4	12.2	70.10	Excellent	432.51	90.80	6.17	179.10	22.33	967.0	NO	YES
1328	Live oak	30.5	11.3	63.50	Excellent	404.46	84.91	6.37	284.47	31.07	1,359.0	NO	YES
1329	Live oak	62.7	11.6	49.30	Excellent	351.16	73.72	7.12	1,573.53	91.35	4,878.0	NO	YES
1330	Coconut palm	22.9	6.1	21.10	Excellent	120.51	20.21	5.72	11.56	0.14	1,403.0	NO	NO
1331	Coconut palm	23.9	7.6	23.60	Excellent	158.46	26.58	6.7	17.28	0.21	1,613.0	NO	NO
1332	Coconut palm	20.3	6.1	18.70	Excellent	95.19	15.96	5.1	9.86	0.14	1,613.0	NO	NO
1333	Earleaf acacia	31.2	12.2	89.40	Good	327.65	79.19	3.67	226.73	13.05	1,006.0	NO	NO
1334	Brazilian pepper	23.6	10.7	61.40	Good	164.24	12.30	2.68	109.28	6.90	730.0	NO	NO
1335	Cabbage palmetto	25.4	6.1	14.30	Excellent	81.60	13.68	5.71	8.95	0.11	242.0	NO	YES
1336	Earleaf acacia	29.6	10.7	45.60	Good	158.02	38.19	3.46	194.16	12.03	941.0	NO	NO
1337	Brazilian pepper	17.8	8.5	45.60	Good	115.76	8.67	2.54	55.64	4.60	571.0	NO	NO
1338	Cabbage palmetto	23.9	9.1	11.40	Excellent	58.37	9.79	5.12	15.23	0.30	296.0	NO	YES
1339	Brazilian pepper	22.9	9.8	29.20	Good	74.09	5.55	2.54	98.01	6.55	707.0	NO	NO
1340	Earleaf acacia	80.3	13.7	147.80	Excellent	398.05	96.21	2.69	2,020.11	49.33	4,764.0	NO	NO
1341	Brazilian pepper	30.2	15.2	122.70	Good	340.26	25.48	2.77	203.09	12.63	963.0	NO	NO
1342	washingtonia spp	30.5	9.1	10.50	Excellent	90.26	13.94	8.59	16.89	0.30	1,137.0	NO	NO
1343	washingtonia spp	27.2	9.1	10.50	Excellent	90.26	13.94	8.59	16.89	0.30	1,137.0	NO	NO
1344	washingtonia spp	27.4	9.1	10.50	Excellent	90.26	13.94	8.59	16.89	0.30	1,137.0	NO	NO
1345	Brazilian pepper	19.4	10.1	89.40	Critical	41.93	3.14	0.47	66.35	2.17	238.0	NO	NO
1346	Earleaf acacia	49.1	15.2	116.70	Excellent	388.21	93.83	3.33	651.93	24.81	2,056.0	NO	NO
1347	Earleaf acacia	20.3	10.7	57.20	Excellent	206.22	49.84	3.6	93.00	7.16	668.0	NO	NO
1348	Brazilian pepper	28.7	11.6	55.20	Excellent	210.70	15.78	3.82	173.21	11.57	953.0	NO	NO
1349	Earleaf acacia	27.2	14.6	92.00	Excellent	340.33	82.25	3.7	182.90	10.91	894.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1350	Earleaf acacia	26.6	11.0	45.60	Excellent	175.71	42.47	3.85	156.09	10.40	874.0	NO	NO
1351	Earleaf acacia	17.8	9.1	33.70	Excellent	100.70	24.34	2.99	62.24	5.91	601.0	NO	NO
1352	Earleaf acacia	39.6	15.2	122.70	Excellent	389.86	94.23	3.18	404.82	18.37	1,469.0	NO	NO
1353	Live oak	31.6	15.2	147.80	Excellent	438.84	92.13	2.97	311.27	32.78	1,440.0	NO	YES
1354	Earleaf acacia	36.1	12.2	97.20	Excellent	428.94	103.67	4.41	330.12	28.69	1,284.0	NO	NO
1355	Earleaf acacia	55.2	9.1	47.40	Excellent	250.98	60.66	5.29	810.35	51.24	2,493.0	NO	NO
1356	Earleaf acacia	63.5	10.7	51.20	Excellent	268.47	64.89	5.24	1,136.47	62.78	3,177.0	NO	NO
1357	Earleaf acacia	25.4	8.5	35.30	Excellent	176.14	42.57	4.99	138.84	17.39	829.0	NO	NO
1358	Earleaf acacia	18.0	6.1	32.20	Excellent	123.25	29.79	3.83	64.49	10.74	607.0	NO	NO
1359	Earleaf acacia	29.2	12.2	70.10	Excellent	413.30	99.89	5.89	214.74	21.48	973.0	NO	NO
1360	Earleaf acacia	32.0	8.5	38.60	Excellent	157.29	38.02	4.07	226.79	23.89	1,092.0	NO	NO
1361	Earleaf acacia	43.6	9.1	65.70	Excellent	290.07	70.11	4.42	475.02	36.87	1,702.0	NO	NO
1362	Earleaf acacia	19.3	9.1	72.40	Excellent	367.99	88.94	5.08	99.36	12.04	640.0	NO	NO
1363	Earleaf acacia	25.9	12.2	89.40	Excellent	428.95	103.67	4.8	172.92	18.25	847.0	NO	NO
1364	Earleaf acacia	33.9	10.1	45.60	Excellent	251.07	60.68	5.51	269.46	26.05	1,178.0	NO	NO
1365	Earleaf acacia	34.8	8.5	49.30	Excellent	259.72	62.77	5.27	283.66	26.82	1,221.0	NO	NO
1366	Earleaf acacia	32.5	10.1	53.20	Excellent	295.16	71.34	5.55	250.66	24.61	1,115.0	NO	NO
1367	Earleaf acacia	22.9	12.8	94.60	Excellent	473.57	114.46	5.01	144.09	15.47	744.0	NO	NO
1368	Earleaf acacia	22.9	9.1	57.20	Excellent	277.91	67.17	4.86	122.15	15.12	744.0	NO	NO
1369	Earleaf acacia	19.1	10.1	74.70	Excellent	367.45	88.81	4.92	97.89	11.90	634.0	NO	NO
1370	Earleaf acacia	17.8	8.5	65.70	Excellent	320.42	77.44	4.88	83.15	10.73	601.0	NO	NO
1371	Earleaf acacia	22.6	10.4	65.70	Excellent	276.60	66.85	4.21	120.53	8.27	736.0	NO	NO
1372	Earleaf acacia	20.9	12.2	81.90	Excellent	320.81	77.54	3.92	110.49	7.54	686.0	NO	NO
1373	Earleaf acacia	27.6	13.7	89.40	Good	339.70	82.10	3.8	187.57	11.10	865.0	NO	NO
1374	Earleaf acacia	47.6	11.6	72.40	Excellent	300.51	72.63	4.15	587.19	23.39	1,953.0	NO	NO
1375	Coconut palm	30.5	9.1	29.20	Excellent	216.00	36.23	7.4	25.80	0.30	1,928.0	NO	NO
1376	Earleaf acacia	14.2	9.1	35.30	Excellent	191.63	46.32	5.43	49.54	8.02	280.0	NO	NO
1377	Earleaf acacia	12.7	6.7	27.70	Excellent	115.02	27.80	4.15	34.15	6.76	223.0	NO	NO
1378	Earleaf acacia	20.3	10.1	32.20	Excellent	124.79	30.16	3.88	84.72	7.14	668.0	NO	NO
1379	Earleaf acacia	7.6	7.3	47.40	Excellent	226.24	54.68	4.77	28.87	3.54	80.0	NO	NO
1380	Coconut palm	30.0	9.1	29.20	Excellent	171.21	28.71	5.87	22.80	0.53	2,453.0	NO	NO
1381	Coconut palm	28.7	9.1	36.90	Excellent	222.69	37.35	6.03	26.25	0.30	2,453.0	NO	NO
1382	Coconut palm	21.8	9.1	23.60	Excellent	136.06	22.82	5.76	20.44	0.53	2,453.0	NO	NO
1383	Earleaf acacia	23.9	7.6	70.10	Excellent	299.73	72.44	4.27	133.77	15.94	779.0	NO	NO
1384	Coconut palm	24.4	6.1	21.10	Excellent	127.07	21.31	6.03	12.00	0.25	1,298.0	NO	NO
1385	Coconut palm	30.0	12.2	30.70	Excellent	260.03	43.61	8.48	43.58	0.92	2,663.0	NO	NO
1386	Coconut palm	31.2	16.8	18.70	Excellent	286.62	48.07	15.34	85.30	1.69	3,188.0	NO	NO
1387	Coconut palm	20.3	7.3	19.90	Excellent	113.24	18.99	5.7	13.50	0.35	1,823.0	NO	NO
1388	Earleaf acacia	30.5	9.1	49.30	Excellent	219.64	53.09	4.45	210.37	22.41	1,026.0	NO	NO
1389	Coconut palm	29.2	10.7	22.30	Excellent	149.70	25.11	6.7	27.76	0.72	2,663.0	NO	NO
1390	Earleaf acacia	15.2	9.1	29.20	Excellent	128.28	31.00	4.4	48.88	4.80	322.0	NO	NO
1391	Coconut palm	25.4	9.1	26.30	Excellent	138.78	23.28	5.27	20.62	0.30	2,663.0	NO	NO
1392	Coconut palm	21.3	9.1	23.60	Excellent	122.92	20.62	5.2	19.56	0.53	2,663.0	NO	NO
1393	Coconut palm	25.7	9.1	21.10	Excellent	120.51	20.21	5.72	19.39	0.53	2,453.0	NO	NO
1394	Coconut palm	25.1	9.1	29.20	Excellent	156.01	26.17	5.35	21.78	0.53	2,663.0	NO	NO

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1395	Earleaf acacia	18.3	6.4	63.50	Excellent	148.64	35.93	2.34	68.91	10.97	614.0	NO	NO
1396	Brazilian pepper	20.3	10.7	38.60	Excellent	138.45	10.37	3.59	77.21	7.16	668.0	NO	NO
1397	Earleaf acacia	38.1	13.7	72.40	Excellent	392.67	94.90	5.42	370.01	31.15	1,388.0	NO	NO
1398	Live oak	52.6	9.1	61.40	Excellent	311.77	65.45	5.08	1,018.93	70.22	3,516.0	NO	YES
1399	Red maple	40.4	8.5	29.20	Excellent	143.17	9.64	4.91	400.94	34.83	2,180.0	NO	YES
1400	washingtonia spp	39.6	11.0	10.50	Excellent	79.46	12.27	7.56	24.54	0.77	1,757.0	NO	NO
1401	washingtonia spp	26.9	9.1	10.50	Excellent	61.57	9.51	5.86	15.11	0.53	1,602.0	NO	NO
1402	Slash pine	14.5	9.1	17.50	Critical	26.48	2.55	1.51	13.11	1.10	109.0	NO	YES
1403	Cabbage palmetto	32.3	9.1	14.30	Excellent	72.45	12.15	5.07	16.17	0.53	296.0	NO	YES
1404	Cabbage palmetto	43.2	10.1	13.30	Excellent	80.92	13.57	6.09	20.67	0.65	296.0	NO	YES
1405	Cabbage palmetto	30.0	10.7	12.30	Excellent	116.27	19.50	9.43	25.52	0.72	274.0	NO	YES
1406	Southern redcedar	27.9	4.6	10.50	Excellent	54.20	15.06	5.16	74.98	8.36	960.0	NO	YES
1407	Southern redcedar	23.9	4.9	10.50	Excellent	50.85	14.13	4.84	65.00	6.99	800.0	NO	YES
1408	Southern redcedar	23.9	4.0	14.30	Excellent	49.00	13.61	3.43	53.49	6.84	800.0	NO	YES
1409	Live oak	34.3	8.5	49.30	Excellent	251.16	52.73	5.09	358.14	37.01	1,647.0	NO	YES
1410	Southern redcedar	20.8	10.7	36.90	Excellent	447.69	124.36	12.12	92.61	6.79	696.0	NO	YES
1411	Southern redcedar	21.6	9.8	22.30	Excellent	264.87	73.58	11.85	74.68	6.94	721.0	NO	YES
1412	Live oak	32.5	9.1	38.60	Excellent	225.44	47.33	5.84	313.67	34.19	1,508.0	NO	YES
1413	washingtonia spp	26.7	11.0	12.30	Excellent	90.88	14.04	7.37	24.85	0.75	1,757.0	NO	NO
1414	Slash pine	14.5	6.7	18.70	Excellent	60.23	5.80	3.22	11.25	2.06	294.0	NO	YES
1415	Slash pine	11.9	6.1	13.30	Good	34.81	3.35	2.62	6.92	1.56	190.0	NO	YES
1416	Southern redcedar	19.8	7.0	8.80	Excellent	64.76	17.99	7.33	42.18	5.91	665.0	NO	YES
1417	Southern redcedar	18.5	8.2	16.40	Excellent	124.27	34.52	7.57	45.19	5.64	628.0	NO	YES
1418	Live oak	41.7	6.7	29.20	Excellent	102.40	21.50	3.51	558.89	49.46	2,302.0	NO	YES
1419	washingtonia spp	30.7	7.6	10.50	Excellent	65.62	10.13	6.25	10.70	0.38	1,137.0	NO	NO
1420	Live oak	38.1	8.5	47.40	Excellent	234.20	49.17	4.94	459.17	43.30	1,970.0	NO	YES
1421	washingtonia spp	34.5	9.1	12.30	Excellent	85.45	13.20	6.93	16.59	0.53	1,370.0	NO	NO
1422	washingtonia spp	36.8	9.1	10.50	Excellent	74.55	11.51	7.1	15.92	0.78	1,370.0	NO	NO
1423	washingtonia spp	37.1	12.5	9.60	Excellent	102.57	15.84	10.63	34.42	1.57	1,757.0	NO	NO
1424	washingtonia spp	39.1	9.1	8.00	Excellent	43.11	6.66	5.36	14.21	0.54	1,757.0	NO	NO
1425	washingtonia spp	38.4	12.2	7.30	Excellent	56.01	8.65	7.68	30.14	0.53	2,145.0	NO	NO
1426	washingtonia spp	33.0	12.2	10.50	Excellent	74.55	11.51	7.1	30.74	0.52	2,145.0	NO	NO
1427	Cabbage palmetto	31.5	11.0	15.30	Excellent	110.27	18.49	7.19	26.63	0.42	296.0	NO	YES
1428	Live oak	50.4	10.1	53.20	Excellent	295.16	61.96	5.55	914.92	65.81	3,246.0	NO	YES
1429	Slash pine	16.5	8.5	18.70	Excellent	83.83	8.08	4.49	17.84	2.90	571.0	NO	YES
1430	Live oak	42.9	10.7	38.60	Excellent	234.64	49.26	6.08	613.25	51.73	2,428.0	NO	YES
1431	Cabbage palmetto	31.5	9.1	13.30	Excellent	67.49	11.32	5.08	15.84	0.30	296.0	NO	YES
1432	Cabbage palmetto	29.7	12.2	12.30	Excellent	102.79	17.24	8.34	33.03	0.52	305.0	NO	YES
1433	Cabbage palmetto	27.9	12.2	16.40	Excellent	131.60	22.07	8.02	34.97	0.52	305.0	NO	YES
1434	Live oak	9.9	5.5	29.20	Excellent	90.65	19.03	3.11	22.37	3.25	229.0	NO	YES
1435	Cabbage palmetto	35.3	12.5	11.40	Excellent	85.02	14.26	7.46	33.79	0.54	319.0	NO	YES
1436	Live oak	20.8	6.7	8.80	Excellent	31.76	6.67	3.6	98.66	9.73	779.0	NO	YES
1437	Cabbage palmetto	48.3	13.4	14.30	Excellent	123.70	20.75	8.65	43.52	1.13	319.0	NO	YES
1438	Cabbage palmetto	41.1	11.3	12.30	Excellent	96.65	16.21	7.84	27.75	0.81	296.0	NO	YES
1439	Cabbage palmetto	33.3	12.8	8.00	Excellent	84.23	14.13	10.47	35.78	1.01	305.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1440	Cabbage palmetto	35.3	12.2	7.30	Excellent	56.01	9.39	7.68	29.90	0.92	319.0	NO	YES
1441	Cabbage palmetto	35.1	10.7	8.80	Excellent	64.76	10.86	7.33	22.06	0.72	296.0	NO	YES
1442	Cabbage palmetto	39.4	9.1	9.60	Excellent	50.27	8.43	5.21	14.92	0.54	296.0	NO	YES
1443	Cabbage palmetto	36.3	10.7	10.50	Excellent	65.62	11.01	6.25	22.12	0.72	305.0	NO	YES
1444	Live oak	24.4	8.5	7.40	Excellent	323.18	67.85	4.46	169.92	22.33	967.0	NO	YES
1445	Cabbage palmetto	35.8	14.3	8.80	Excellent	73.88	12.39	8.37	46.76	1.25	341.0	NO	YES
1446	Southern redcedar	12.4	4.6	14.30	Excellent	64.33	17.87	4.5	19.03	3.27	235.0	NO	YES
1447	Southern redcedar	13.2	4.6	16.40	Excellent	74.22	20.62	4.52	21.76	3.50	265.0	NO	YES
1448	Coconut palm	26.9	6.7	21.10	Excellent	120.51	20.21	5.72	12.67	0.30	1,615.0	NO	NO
1449	Cabbage palmetto	37.6	10.1	7.30	Excellent	48.88	8.20	6.7	18.21	0.96	296.0	NO	YES
1450	Cabbage palmetto	41.7	10.1	8.00	Excellent	52.70	8.84	6.55	18.77	0.65	296.0	NO	YES
1451	Cabbage palmetto	39.1	9.1	7.30	Excellent	39.85	6.68	5.46	14.22	0.54	296.0	NO	YES
1452	Slash pine	21.1	4.9	5.30	Good	16.65	1.60	3.16	14.28	2.35	657.0	NO	YES
1453	Slash pine	15.5	9.1	8.80	Dying	5.72	0.55	0.65	14.03	0.41	71.0	NO	YES
1454	Coconut palm	25.7	7.6	29.20	Excellent	156.01	26.17	5.35	17.12	0.38	2,138.0	NO	NO
1455	Coconut palm	24.1	6.1	32.20	Excellent	111.90	18.77	3.48	10.98	0.25	1,823.0	NO	NO
1456	Coconut palm	25.9	6.1	22.30	Excellent	93.25	15.64	4.17	9.73	0.25	1,823.0	NO	NO
1457	Slash pine	12.2	5.5	19.90	Excellent	55.63	5.36	2.8	7.39	1.46	209.0	NO	YES
1458	Slash pine	45.2	12.2	19.90	Excellent	122.99	11.85	6.19	153.23	11.29	1,815.0	NO	YES
1459	Live oak	30.5	10.7	38.60	Excellent	275.35	57.80	7.13	273.63	31.07	1,399.0	NO	YES
1460	Cabbage palmetto	38.1	10.1	10.50	Excellent	65.62	11.01	6.25	19.33	0.96	296.0	NO	YES
1461	Cabbage palmetto	31.0	10.7	10.50	Excellent	74.55	12.50	7.1	22.72	0.40	296.0	NO	YES
1462	Cabbage palmetto	37.6	12.2	11.40	Excellent	79.86	13.39	7	31.50	1.49	319.0	NO	YES
1463	Cabbage palmetto	36.8	12.2	10.50	Excellent	90.26	15.14	8.59	32.19	1.49	305.0	NO	YES
1464	Cabbage palmetto	36.6	12.2	12.30	Excellent	85.45	14.33	6.93	31.87	0.92	319.0	NO	YES
1465	Cabbage palmetto	35.6	12.2	8.00	Excellent	60.26	10.11	7.49	30.18	0.92	319.0	NO	YES
1466	Cabbage palmetto	40.9	12.2	7.30	Excellent	56.01	9.39	7.68	30.44	0.53	319.0	NO	YES
1467	Live oak	10.2	6.1	45.60	Dying	27.32	5.74	0.6	18.03	0.48	31.0	NO	YES
1468	Coconut palm	21.8	9.8	18.70	Excellent	106.28	17.82	5.69	20.78	0.34	2,663.0	NO	NO
1469	Coconut palm	19.3	9.1	18.70	Excellent	95.19	15.96	5.1	17.70	0.30	2,663.0	NO	NO
1470	Coconut palm	18.3	7.6	29.20	Excellent	86.60	14.52	2.97	12.46	0.38	2,453.0	NO	NO
1471	Coconut palm	17.5	7.6	35.30	Excellent	95.26	15.98	2.7	13.04	0.38	2,453.0	NO	NO
1472	Live oak	41.7	9.1	49.30	Excellent	277.73	58.30	5.63	573.61	49.46	2,302.0	NO	YES
1473	Slash pine	13.7	6.1	18.70	Excellent	67.25	6.48	3.6	9.91	1.79	264.0	NO	YES
1474	Slash pine	17.8	6.1	11.40	Good	38.52	3.71	3.38	13.64	2.34	572.0	NO	YES
1475	Slash pine	17.8	6.1	11.40	Excellent	41.87	4.03	3.67	13.77	2.34	602.0	NO	YES
1476	Slash pine	12.2	6.1	10.50	Excellent	47.17	4.55	4.49	7.63	1.60	209.0	NO	YES
1477	Cabbage palmetto	38.1	9.1	8.80	Excellent	60.63	10.17	6.87	15.38	0.78	278.0	NO	YES
1478	Slash pine	12.7	6.7	14.30	Excellent	51.63	4.98	3.61	8.90	1.81	226.0	NO	YES
1479	Slash pine	14.0	9.1	18.70	Excellent	60.23	5.80	3.22	13.60	2.61	274.0	NO	YES
1480	Slash pine	12.7	9.1	23.60	Excellent	77.77	7.50	3.29	12.36	2.38	226.0	NO	YES
1481	Slash pine	15.2	7.6	12.30	Excellent	33.03	3.18	2.68	12.46	2.42	326.0	NO	YES
1482	Slash pine	18.8	10.7	16.40	Good	135.24	13.03	8.24	28.63	4.02	597.0	NO	YES
1483	Cabbage palmetto	43.2	4.6	9.60	Excellent	32.61	5.47	3.38	3.72	0.15	251.0	NO	YES
1484	Live oak	23.4	7.6	59.30	Excellent	225.15	47.27	3.8	147.17	20.97	910.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1485	Live oak	34.3	8.5	49.30	Excellent	242.88	50.99	4.92	357.44	37.01	1,647.0	NO	YES
1486	Cabbage palmetto	27.4	6.1	12.30	Excellent	62.80	10.53	5.09	7.69	0.25	251.0	NO	YES
1487	Live oak	20.8	8.2	45.60	Excellent	233.78	49.08	5.13	115.62	17.71	779.0	NO	YES
1488	Cabbage palmetto	37.6	4.6	10.50	Excellent	44.76	7.51	4.26	4.51	0.18	242.0	NO	YES
1489	Live oak	27.4	8.2	40.30	Excellent	192.66	40.45	4.78	208.29	26.58	1,152.0	NO	YES
1490	Live oak	33.0	8.5	29.20	Excellent	139.52	29.29	4.78	318.19	34.99	1,547.0	NO	YES
1491	Live oak	24.1	9.1	45.60	Excellent	260.19	54.62	5.71	160.92	21.99	953.0	NO	YES
1492	Cabbage palmetto	30.2	6.7	8.80	Excellent	60.63	10.17	6.87	8.65	0.30	242.0	NO	YES
1493	Cabbage palmetto	32.8	6.7	11.40	Excellent	75.00	12.58	6.58	9.62	0.30	242.0	NO	YES
1494	Live oak	18.3	7.9	51.20	Excellent	251.61	52.82	4.91	90.30	14.64	663.0	NO	YES
1495	Cabbage palmetto	33.5	7.3	10.50	Excellent	69.94	11.73	6.66	10.60	0.35	251.0	NO	YES
1496	Live oak	31.2	9.1	67.90	Excellent	306.07	64.25	4.51	292.29	32.23	1,414.0	NO	YES
1497	Live oak	22.4	11.3	49.30	Excellent	339.59	71.29	6.88	143.19	19.64	856.0	NO	YES
1498	Cabbage palmetto	36.1	6.1	8.00	Excellent	60.26	10.11	7.49	7.52	0.25	229.0	NO	YES
1499	Live oak	23.9	9.1	61.40	Excellent	329.09	69.09	5.36	163.04	21.65	938.0	NO	YES
1500	Cabbage palmetto	41.7	7.3	10.50	Excellent	69.94	11.73	6.66	10.72	0.36	251.0	NO	YES
1501	Cabbage palmetto	43.2	7.0	10.50	Excellent	65.62	11.01	6.25	9.73	0.33	251.0	NO	YES
1502	Live oak	19.6	11.0	45.60	Excellent	269.64	56.61	5.91	104.56	16.15	719.0	NO	YES
1503	Live oak	23.6	10.1	77.10	Excellent	367.31	77.11	4.77	162.65	21.31	924.0	NO	YES
1504	Live oak	30.5	12.2	65.70	Excellent	400.83	84.15	6.1	284.17	31.07	1,399.0	NO	YES
1505	Wild tamarind	26.2	12.8	26.30	Excellent	126.00	13.33	4.78	140.55	18.56	856.0	NO	YES
1506	Wild lime	8.2	6.1	16.40	Excellent	67.60	5.06	4.12	8.09	3.81	93.0	NO	NO
1507	Wild tamarind	37.3	12.2	18.70	Excellent	140.55	14.87	7.52	318.51	30.04	1,346.0	NO	YES
1508	Live oak	33.5	12.2	49.30	Good	297.89	62.54	6.04	343.51	35.79	1,508.0	NO	YES
1509	Wild tamarind	36.6	12.8	14.30	Good	98.95	10.47	6.92	303.78	29.33	1,244.0	NO	YES
1510	Wild lime	25.4	6.1	19.90	Poor	40.43	3.03	2.04	119.26	12.89	514.0	NO	NO
1511	Live oak	49.5	12.5	49.30	Excellent	351.16	73.72	7.12	880.67	64.08	3,143.0	NO	YES
1512	Wild lime	25.4	6.1	14.30	Excellent	62.99	4.72	4.4	119.26	17.13	829.0	NO	NO
1513	Coconut palm	22.6	9.1	21.10	Excellent	184.09	30.87	8.73	23.66	0.53	1,613.0	NO	NO
1514	Baldcypress	31.0	10.1	26.30	Excellent	204.79	32.07	7.77	99.02	10.59	1,225.0	NO	YES
1515	Dahoon	20.3	6.4	9.60	Excellent	47.91	6.41	4.97	72.69	12.65	668.0	NO	YES
1516	Dahoon	20.3	6.4	7.30	Excellent	28.16	3.76	3.86	71.63	6.95	668.0	NO	YES
1517	Dahoon	17.8	6.1	7.30	Excellent	28.16	3.76	3.86	52.34	5.77	601.0	NO	YES
1518	Sugarberry	18.5	6.4	4.70	Good	26.97	1.83	5.77	56.37	6.13	596.0	NO	YES
1519	Live oak	25.4	6.1	33.70	Good	107.96	22.66	3.2	167.32	13.08	975.0	NO	YES
1520	Pond apple	15.2	4.6	5.30	Excellent	16.68	1.25	3.16	34.55	4.61	322.0	NO	YES
1521	Redbay	15.2	5.5	18.70	Excellent	60.10	4.50	3.22	36.75	4.65	322.0	NO	YES
1522	Dahoon	5.1	3.0	8.80	Excellent	25.36	3.39	2.87	3.83	1.05	56.0	NO	YES
1523	Southern bayberry	20.3	4.6	4.10	Excellent	13.79	4.74	3.36	70.71	6.86	668.0	NO	YES
1524	Coco plum	20.3	3.0	6.60	Good	16.97	1.27	2.58	68.17	6.78	635.0	NO	YES
1525	Coco plum	20.3	6.1	5.90	Good	17.59	1.32	2.98	70.44	6.94	635.0	NO	YES
1526	Coco plum	20.3	5.5	4.70	Good	13.33	1.00	2.85	69.87	6.91	635.0	NO	YES
1527	Coco plum	25.4	6.1	4.70	Critical	7.40	0.55	1.58	119.49	3.92	307.0	NO	YES
1528	Coco plum	27.9	6.1	4.70	Good	14.48	1.08	3.1	150.34	10.80	877.0	NO	YES
1529	Coco plum	17.8	4.6	7.30	Good	22.25	1.67	3.05	50.63	5.70	571.0	NO	YES

APPENDIX I: INDIVIDUAL TREE CHARACTERISTICS

Tree ID	Species Name	DBH (cm)	Height (m)	Ground Area (m2)	Tree Condition	Leaf Area (m2)	Leaf Biomass (kg)	Leaf Area Index	Carbon Storage (kg)	Gross Carbon Seq (kg/yr)	Structural Tree Value (\$)	Street Tree	Native To State
1530	Coco plum	22.9	4.9	4.10	Excellent	17.86	1.34	4.35	92.11	14.70	744.0	NO	YES
1531	Live oak	43.2	9.4	36.90	Excellent	199.81	41.95	5.41	619.21	52.19	2,454.0	NO	YES
1532	Coco plum	25.4	6.4	10.50	Excellent	27.40	2.05	2.61	120.41	17.16	829.0	NO	YES
1533	ash spp	15.2	6.1	8.00	Excellent	33.67	3.03	4.19	31.96	7.22	353.0	NO	NO
1534	Live oak	36.1	10.7	70.10	Excellent	339.41	71.25	4.84	411.32	39.90	1,794.0	NO	YES
1535	Florida fishpoison tree	25.4	7.6	43.80	Excellent	194.40	14.56	4.44	120.86	17.29	829.0	NO	YES
1536	Live oak	36.1	10.7	84.30	Excellent	407.08	85.46	4.83	417.01	39.90	1,794.0	NO	YES
1537	Royal poinciana	27.9	12.2	35.30	Excellent	345.77	25.89	9.79	157.28	20.22	923.0	NO	NO
1538	Royal poinciana	23.1	12.2	51.20	Fair	217.20	16.26	4.24	100.40	8.62	617.0	NO	NO
1539	Royal poinciana	22.9	12.2	36.90	Poor	143.72	10.76	3.89	97.81	6.42	461.0	NO	NO
1540	Royal poinciana	21.8	12.2	51.20	Excellent	348.01	26.06	6.79	87.86	14.50	713.0	NO	NO
1541	Royal poinciana	26.9	12.2	29.20	Excellent	211.99	15.87	7.26	144.06	19.23	885.0	NO	NO
1542	Live oak	36.6	11.3	57.20	Excellent	361.43	75.88	6.32	426.90	40.74	1,837.0	NO	YES
1543	Paradise tree	15.2	10.7	16.40	Excellent	159.61	11.95	9.72	41.88	8.89	322.0	NO	YES
1544	Laurel oak	34.5	12.5	74.70	Critical	157.34	14.10	2.11	275.61	12.11	513.0	NO	YES
1545	Slash pine	20.1	9.1	25.00	Excellent	123.07	11.86	4.93	27.63	3.75	663.0	NO	YES
1546	Cabbage palmetto	43.9	10.7	12.30	Excellent	62.80	10.53	5.09	22.30	0.73	319.0	NO	YES
1547	Cabbage palmetto	41.1	10.7	10.50	Good	52.57	8.82	5	21.61	0.73	303.0	NO	YES
1548	Slash pine	27.9	13.1	108.20	Excellent	429.68	41.41	3.97	78.74	7.20	928.0	NO	YES
1549	Sea grape	20.6	6.1	21.10	Excellent	82.08	6.15	3.89	72.02	12.84	675.0	NO	YES
1550	Gumbo limbo	25.4	7.0	49.30	Excellent	212.40	15.90	4.31	126.59	17.23	829.0	NO	YES
1551	Gumbo limbo	37.3	11.6	26.30	Excellent	168.70	12.63	6.4	312.27	30.01	1,348.0	NO	YES
1552	West indian mahogany	21.8	13.7	14.30	Good	132.32	9.91	9.25	89.00	14.64	677.0	NO	YES
1553	Roundleaf billy	30.5	9.1	15.30	Excellent	113.60	8.51	7.41	189.13	22.41	1,026.0	NO	YES
1554	willow bustic spp	10.9	7.6	32.20	Good	97.35	7.29	3.03	16.34	5.60	157.0	NO	NO
1555	Redbay	17.3	10.1	9.60	Good	46.95	3.52	4.86	50.89	5.72	559.0	NO	YES
1556	stopper spp	9.4	7.6	16.40	Excellent	67.66	5.07	4.12	13.51	2.48	122.0	NO	NO
1557	button tree spp	9.7	5.5	19.90	Excellent	73.14	5.48	3.68	14.17	4.70	130.0	NO	NO
1558	Geiger tree	7.9	4.6	5.90	Excellent	18.38	1.38	3.11	7.19	1.90	86.0	NO	YES
	TOTAL			55,763		301,126	55,419		282,731	23,474	2,291,884		

Individual Tree Pollution Effects in FAU Honors

Series: Import Inventory, Time Period: 2016

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)		
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs
1	Live oak	3.1	178.8	24.4	89.0	8.6	8.5	0.00	1.09	0.01	2.70	0.00	2.43	0.00	0.00	0.00
2	Live oak	10.3	601.7	82.2	289.5	28.8	27.5	0.01	3.68	0.04	8.77	0.00	7.90	0.00	0.00	0.00
3	Live oak	10.8	630.2	86.1	295.8	30.2	28.1	0.01	3.85	0.04	8.96	0.00	8.07	0.00	0.00	0.00
4	Live oak	9.1	532.0	72.7	274.6	25.5	26.1	0.01	3.25	0.04	8.32	0.00	7.49	0.00	0.00	0.00
5	Live oak	12.0	702.2	96.0	322.3	33.6	30.6	0.02	4.29	0.05	9.76	0.00	8.79	0.00	0.00	0.00
6	Live oak	5.8	337.4	46.1	164.4	16.2	15.6	0.01	2.06	0.02	4.98	0.00	4.48	0.00	0.00	0.00
7	Live oak	11.1	651.1	89.0	330.1	31.2	31.4	0.01	3.98	0.05	10.00	0.00	9.01	0.00	0.00	0.00
8	washingtonia spp	0.9	53.9	7.4	32.8	2.6	3.1	0.00	0.33	0.00	0.99	0.00	0.89	111.86	4.67	116.53
9	washingtonia spp	0.9	50.7	6.9	31.8	2.4	3.0	0.00	0.31	0.00	0.96	0.00	0.87	105.18	4.39	109.57
10	washingtonia spp	1.8	106.4	14.5	63.3	5.1	6.0	0.00	0.65	0.01	1.92	0.00	1.73	220.80	9.22	230.02
11	washingtonia spp	1.5	85.2	11.6	51.9	4.1	4.9	0.00	0.52	0.01	1.57	0.00	1.42	176.78	7.38	184.16
12	washingtonia spp	0.1	5.0	0.7	8.3	0.2	0.8	0.00	0.03	0.00	0.25	0.00	0.23	10.45	0.44	10.88
13	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85
14	washingtonia spp	2.1	120.7	16.5	72.1	5.8	6.9	0.00	0.74	0.01	2.18	0.00	1.97	250.33	10.46	260.79
15	washingtonia spp	1.5	88.2	12.0	54.2	4.2	5.1	0.00	0.54	0.01	1.64	0.00	1.48	182.91	7.64	190.55
16	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07
17	washingtonia spp	0.9	53.0	7.2	33.6	2.5	3.2	0.00	0.32	0.00	1.02	0.00	0.92	110.05	4.60	114.65
18	Royal poinciana	2.5	143.8	19.7	195.3	6.9	18.6	0.00	0.88	0.01	5.92	0.00	5.33	2.13	24.92	27.06
19	Royal poinciana	1.8	104.8	14.3	139.3	5.0	13.2	0.00	0.64	0.01	4.22	0.00	3.80	1.55	18.16	19.72
20	Royal poinciana	3.7	217.5	29.7	286.2	10.4	27.2	0.00	1.33	0.02	8.67	0.00	7.81	3.22	37.69	40.91
21	washingtonia spp	0.6	33.0	4.5	25.0	1.6	2.4	0.00	0.20	0.00	0.76	0.00	0.68	68.40	2.86	71.26
22	washingtonia spp	0.9	51.1	7.0	32.6	2.4	3.1	0.00	0.31	0.00	0.99	0.00	0.89	106.01	4.43	110.44
23	washingtonia spp	1.1	62.5	8.5	38.3	3.0	3.6	0.00	0.38	0.00	1.16	0.00	1.05	129.69	5.42	135.11
24	washingtonia spp	0.8	48.3	6.6	31.9	2.3	3.0	0.00	0.29	0.00	0.97	0.00	0.87	100.16	4.18	104.34
25	washingtonia spp	0.8	47.8	6.5	31.0	2.3	2.9	0.00	0.29	0.00	0.94	0.00	0.84	99.19	4.14	103.33
26	washingtonia spp	1.7	99.8	13.6	59.2	4.8	5.6	0.00	0.61	0.01	1.79	0.00	1.61	207.01	8.65	215.65
27	washingtonia spp	1.2	71.2	9.7	42.1	3.4	4.0	0.00	0.44	0.00	1.27	0.00	1.15	147.80	6.17	153.98
28	Live oak	2.3	135.6	18.5	68.5	6.5	6.5	0.00	0.83	0.01	2.08	0.00	1.87	0.00	0.00	0.00
29	Live oak	2.8	161.1	22.0	82.5	7.7	7.8	0.00	0.98	0.01	2.50	0.00	2.25	0.00	0.00	0.00
30	Live oak	5.7	330.7	45.2	155.8	15.8	14.8	0.01	2.02	0.02	4.72	0.00	4.25	0.00	0.00	0.00
31	Live oak	4.9	283.9	38.8	131.6	13.6	12.5	0.01	1.73	0.02	3.98	0.00	3.59	0.00	0.00	0.00
32	Live oak	4.3	250.8	34.3	114.4	12.0	10.9	0.01	1.53	0.02	3.46	0.00	3.12	0.00	0.00	0.00
33	Live oak	4.4	259.2	35.4	122.5	12.4	11.6	0.01	1.58	0.02	3.71	0.00	3.34	0.00	0.00	0.00
34	Live oak	6.0	353.0	48.2	158.3	16.9	15.1	0.01	2.16	0.02	4.80	0.00	4.32	0.00	0.00	0.00
35	Live oak	3.0	178.1	24.3	81.0	8.5	7.7	0.00	1.09	0.01	2.45	0.00	2.21	0.00	0.00	0.00
36	Live oak	4.1	237.3	32.4	117.1	11.4	11.1	0.01	1.45	0.02	3.55	0.00	3.19	0.00	0.00	0.00
37	Live oak	5.6	324.8	44.4	147.9	15.5	14.1	0.01	1.98	0.02	4.48	0.00	4.04	0.00	0.00	0.00
38	Live oak	5.7	334.8	45.7	171.9	16.0	16.3	0.01	2.04	0.02	5.21	0.00	4.69	0.00	0.00	0.00
39	Live oak	4.0	234.3	32.0	115.3	11.2	10.8	0.01	1.43	0.02	3.43	0.00	3.09	0.00	0.00	0.00
40	Live oak	3.9	228.6	31.2	115.2	10.9	11.0	0.00	1.40	0.02	3.49	0.00	3.14	0.00	0.00	0.00
41	Live oak	5.2	305.2	41.7	147.9	14.6	14.1	0.01	1.86	0.02	4.48	0.00	4.03	0.00	0.00	0.00
42	Live oak	3.3	195.7	26.7	95.2	9.4	9.1	0.00	1.20	0.01	2.88	0.00	2.60	0.00	0.00	0.00

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
43	Live oak	2.4	140.1	19.1	82.7	6.7	7.9	0.00	0.86	0.01	2.50	0.00	2.26	0.00	0.00	0.00	
44	Live oak	2.3	134.7	18.4	66.1	6.4	6.3	0.00	0.82	0.01	2.00	0.00	1.80	0.00	0.00	0.00	
45	Live oak	3.2	186.1	25.4	88.1	8.9	8.4	0.00	1.14	0.01	2.67	0.00	2.40	0.00	0.00	0.00	
46	Live oak	5.7	332.0	45.4	154.7	15.9	14.7	0.01	2.03	0.02	4.69	0.00	4.22	0.00	0.00	0.00	
47	Live oak	5.0	293.5	40.1	143.6	14.1	13.6	0.01	1.79	0.02	4.35	0.00	3.92	0.00	0.00	0.00	
48	Live oak	2.3	137.1	18.7	71.3	6.6	6.8	0.00	0.84	0.01	2.16	0.00	1.94	0.00	0.00	0.00	
49	washingtonia spp	0.6	35.2	4.8	22.8	1.7	2.2	0.00	0.21	0.00	0.69	0.00	0.62	0.00	0.00	0.00	
50	washingtonia spp	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	0.00	0.00	0.00	
51	washingtonia spp	1.4	81.6	11.2	47.3	3.9	4.5	0.00	0.50	0.01	1.43	0.00	1.29	0.00	0.00	0.00	
52	washingtonia spp	1.3	79.0	10.8	51.2	3.8	4.9	0.00	0.48	0.01	1.55	0.00	1.40	0.00	0.00	0.00	
53	washingtonia spp	0.7	41.1	5.6	27.6	2.0	2.6	0.00	0.25	0.00	0.84	0.00	0.75	0.00	0.00	0.00	
54	washingtonia spp	0.5	27.8	3.8	18.0	1.3	1.7	0.00	0.17	0.00	0.55	0.00	0.49	0.00	0.00	0.00	
55	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	0.00	0.00	0.00	
56	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	0.00	0.00	0.00	
57	washingtonia spp	0.6	32.8	4.5	21.6	1.6	2.1	0.00	0.20	0.00	0.65	0.00	0.59	0.00	0.00	0.00	
58	Royal poinciana	3.5	204.7	28.0	271.1	9.8	25.8	0.00	1.25	0.01	8.21	0.00	7.40	0.00	0.00	0.00	
59	Royal poinciana	1.3	77.6	10.6	109.8	3.7	10.4	0.00	0.47	0.01	3.33	0.00	3.00	0.00	0.00	0.00	
60	washingtonia spp	1.8	103.3	14.1	67.1	4.9	6.4	0.00	0.63	0.01	2.03	0.00	1.83	0.00	0.00	0.00	
61	washingtonia spp	1.4	83.9	11.5	53.7	4.0	5.1	0.00	0.51	0.01	1.63	0.00	1.47	0.00	0.00	0.00	
62	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.64	0.00	1.48	0.00	0.00	0.00	
63	washingtonia spp	1.5	88.2	12.0	54.2	4.2	5.1	0.00	0.54	0.01	1.64	0.00	1.48	0.00	0.00	0.00	
64	washingtonia spp	1.6	94.7	12.9	59.1	4.5	5.6	0.00	0.58	0.01	1.79	0.00	1.61	0.00	0.00	0.00	
65	Royal poinciana	2.5	143.9	19.7	198.9	6.9	18.9	0.00	0.88	0.01	6.02	0.00	5.43	0.00	0.00	0.00	
66	washingtonia spp	1.0	58.4	8.0	36.3	2.8	3.4	0.00	0.36	0.00	1.10	0.00	0.99	0.00	0.00	0.00	
67	washingtonia spp	1.0	58.4	8.0	36.3	2.8	3.4	0.00	0.36	0.00	1.10	0.00	0.99	0.00	0.00	0.00	
68	washingtonia spp	1.2	68.6	9.4	44.4	3.3	4.2	0.00	0.42	0.00	1.34	0.00	1.21	0.00	0.00	0.00	
69	washingtonia spp	1.7	99.8	13.6	59.2	4.8	5.6	0.00	0.61	0.01	1.79	0.00	1.61	0.00	0.00	0.00	
70	washingtonia spp	1.0	58.4	8.0	36.3	2.8	3.4	0.00	0.36	0.00	1.10	0.00	0.99	0.00	0.00	0.00	
71	washingtonia spp	0.7	39.6	5.4	27.6	1.9	2.6	0.00	0.24	0.00	0.84	0.00	0.75	0.00	0.00	0.00	
72	Live oak	10.8	633.8	86.6	307.6	30.3	29.2	0.01	3.87	0.04	9.32	0.00	8.39	0.00	0.00	0.00	
73	Royal poinciana	1.9	109.5	15.0	163.5	5.2	15.5	0.00	0.67	0.01	4.95	0.00	4.46	0.00	0.00	0.00	
74	Live oak	4.9	288.8	39.5	151.5	13.8	14.4	0.01	1.76	0.02	4.59	0.00	4.13	0.00	0.00	0.00	
75	Live oak	10.3	604.6	82.6	308.2	28.9	29.3	0.01	3.69	0.04	9.34	0.00	8.41	0.00	0.00	0.00	
76	Live oak	8.8	512.2	70.0	267.3	24.5	25.4	0.01	3.13	0.04	8.10	0.00	7.29	0.00	0.00	0.00	
77	Live oak	9.0	525.7	71.8	276.9	25.2	26.3	0.01	3.21	0.04	8.39	0.00	7.55	0.00	0.00	0.00	
78	Live oak	8.5	498.2	68.1	262.2	23.9	24.3	0.01	3.04	0.03	7.94	0.00	7.15	0.00	0.00	0.00	
79	Live oak	11.4	669.5	91.5	339.4	32.1	32.3	0.01	4.09	0.05	10.28	0.00	9.26	0.00	0.00	0.00	
80	Live oak	11.1	650.6	88.9	320.6	31.2	30.5	0.01	3.97	0.05	9.71	0.00	8.75	0.00	0.00	0.00	
81	Live oak	10.9	638.8	87.3	330.5	30.6	31.4	0.01	3.90	0.04	10.01	0.00	9.02	0.00	0.00	0.00	
82	washingtonia spp	1.5	89.8	12.3	57.5	4.3	5.5	0.00	0.55	0.01	1.74	0.00	1.57	0.00	0.00	0.00	
83	washingtonia spp	0.8	47.5	6.5	31.5	2.3	3.0	0.00	0.29	0.00	0.95	0.00	0.86	0.00	0.00	0.00	
84	washingtonia spp	1.2	71.7	9.8	43.6	3.4	4.1	0.00	0.44	0.00	1.32	0.00	1.19	0.00	0.00	0.00	
85	washingtonia spp	1.2	72.1	9.9	44.5	3.5	4.2	0.00	0.44	0.00	1.35	0.00	1.21	0.00	0.00	0.00	
86	washingtonia spp	1.3	74.6	10.2	45.8	3.6	4.4	0.00	0.46	0.01	1.39	0.00	1.25	0.00	0.00	0.00	
87	washingtonia spp	1.8	107.3	14.7	66.3	5.1	6.3	0.00	0.66	0.01	2.01	0.00	1.81	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
88	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
89	washingtonia spp	1.1	65.1	8.9	43.4	3.1	4.1	0.00	0.40	0.00	1.32	0.00	1.18	135.13	5.64	140.77	
90	Royal poinciana	0.4	23.9	3.3	55.8	1.1	6.6	0.00	0.15	0.00	1.69	0.00	1.52	0.35	4.14	4.45	
91	Royal poinciana	0.4	23.6	3.2	69.6	1.1	6.6	0.00	0.14	0.00	2.11	0.00	1.90	0.35	4.10	4.45	
92	Royal poinciana	1.4	79.7	10.9	114.8	3.8	10.9	0.00	0.49	0.01	3.48	0.00	3.13	1.18	13.81	14.99	
93	washingtonia spp	0.7	41.8	5.7	28.0	2.0	2.7	0.00	0.26	0.00	0.85	0.00	0.76	86.79	3.62	90.41	
94	washingtonia spp	1.3	79.0	10.8	51.2	3.8	4.9	0.00	0.48	0.01	1.55	0.00	1.40	163.82	6.84	170.67	
95	washingtonia spp	1.2	71.7	9.8	49.4	3.4	4.7	0.00	0.44	0.00	1.49	0.00	1.35	148.78	6.21	154.99	
97	washingtonia spp	0.7	41.3	5.6	27.1	2.0	2.6	0.00	0.25	0.00	0.82	0.00	0.74	85.67	3.58	89.25	
98	washingtonia spp	1.3	76.4	10.4	45.3	3.7	4.3	0.00	0.47	0.01	1.37	0.00	1.24	158.53	6.62	165.15	
99	washingtonia spp	2.2	128.2	17.5	75.0	6.1	7.1	0.00	0.78	0.01	2.27	0.00	2.05	266.07	11.11	277.19	
100	washingtonia spp	1.6	93.4	12.8	53.8	4.5	5.1	0.00	0.57	0.01	1.63	0.00	1.47	193.77	8.09	201.87	
101	washingtonia spp	3.0	173.5	23.7	98.5	8.3	9.4	0.00	1.06	0.01	2.98	0.00	2.69	359.97	15.03	375.00	
102	Royal poinciana	0.9	55.3	7.6	82.9	2.6	7.9	0.00	0.34	0.00	2.51	0.00	2.26	0.82	9.59	10.41	
103	Royal poinciana	0.5	27.5	3.8	62.4	1.3	5.9	0.00	0.17	0.00	1.89	0.00	1.70	0.41	4.76	5.17	
104	washingtonia spp	3.6	210.1	28.7	146.9	10.1	14.0	0.00	1.28	0.01	4.45	0.00	4.01	435.89	18.20	454.09	
105	washingtonia spp	1.2	68.6	9.4	44.4	3.3	4.2	0.00	0.42	0.00	1.34	0.00	1.21	142.37	5.95	148.32	
107	washingtonia spp	1.2	72.1	9.9	44.5	3.5	4.2	0.00	0.44	0.00	1.35	0.00	1.21	149.61	6.25	155.86	
108	washingtonia spp	2.3	136.2	18.6	79.9	6.5	7.6	0.00	0.83	0.01	2.42	0.00	2.18	282.51	11.80	294.31	
109	washingtonia spp	2.3	136.2	18.6	79.9	6.5	7.6	0.00	0.83	0.01	2.42	0.00	2.18	282.51	11.80	294.31	
110	Royal poinciana	1.5	90.2	12.3	130.1	4.3	12.4	0.00	0.55	0.01	3.94	0.00	3.55	1.34	15.63	16.96	
111	Royal poinciana	2.5	144.0	19.7	193.8	6.9	18.4	0.00	0.88	0.01	5.87	0.00	5.29	2.13	24.96	27.09	
112	Royal poinciana	2.1	121.0	16.5	171.8	5.8	16.3	0.00	0.74	0.01	5.20	0.00	4.69	1.79	20.97	22.76	
113	Royal poinciana	1.9	110.6	15.1	155.9	5.3	14.8	0.00	0.68	0.01	4.72	0.00	4.25	1.64	19.16	20.80	
114	Royal poinciana	2.0	117.5	16.1	166.4	5.6	15.8	0.00	0.72	0.01	5.04	0.00	4.54	1.74	20.36	22.10	
115	Royal poinciana	2.3	133.0	18.2	171.3	6.4	16.3	0.00	0.81	0.01	5.19	0.00	4.67	1.97	23.05	25.02	
116	washingtonia spp	1.4	83.3	11.4	52.5	4.0	5.0	0.00	0.51	0.01	1.59	0.00	1.43	172.88	7.22	180.10	
117	washingtonia spp	1.4	83.3	11.4	52.5	4.0	5.0	0.00	0.51	0.01	1.59	0.00	1.43	172.88	7.22	180.10	
118	washingtonia spp	2.1	120.6	16.5	71.2	5.8	6.8	0.00	0.74	0.01	2.16	0.00	1.94	250.19	10.45	260.64	
119	washingtonia spp	1.2	67.5	9.2	42.3	3.2	4.0	0.00	0.41	0.00	1.28	0.00	1.15	140.14	5.85	145.99	
120	washingtonia spp	1.5	89.2	12.2	56.3	4.3	5.4	0.00	0.54	0.01	1.71	0.00	1.54	185.00	7.73	192.72	
121	washingtonia spp	2.0	114.9	15.7	72.0	5.5	6.8	0.00	0.70	0.01	2.18	0.00	1.96	238.49	9.96	248.45	
122	washingtonia spp	1.4	83.9	11.5	53.7	4.0	5.1	0.00	0.51	0.01	1.63	0.00	1.47	174.13	7.27	181.40	
123	washingtonia spp	1.0	59.9	8.2	39.2	2.9	3.7	0.00	0.37	0.00	1.19	0.00	1.07	124.26	5.19	129.45	
124	Live oak	5.4	313.4	42.8	155.5	15.0	14.8	0.01	1.91	0.02	4.71	0.00	4.24	0.00	0.00	0.00	
125	Live oak	5.8	337.7	46.1	169.4	16.2	16.1	0.01	2.06	0.02	5.13	0.00	4.62	0.00	0.00	0.00	
126	Live oak	4.1	239.5	32.7	128.4	11.5	12.2	0.01	1.46	0.02	3.89	0.00	3.50	0.00	0.00	0.00	
127	Royal poinciana	0.4	21.4	2.9	46.5	1.0	4.4	0.00	0.13	0.00	1.41	0.00	1.27	0.32	3.71	4.03	
128	Royal poinciana	0.7	41.0	5.6	74.8	2.0	7.1	0.00	0.25	0.00	2.27	0.00	2.04	0.61	7.10	7.71	
129	Royal poinciana	1.0	59.3	8.1	95.2	2.8	9.1	0.00	0.36	0.00	2.89	0.00	2.60	0.88	10.27	11.15	
130	Royal poinciana	1.2	72.2	9.9	116.4	3.5	11.1	0.00	0.44	0.01	3.52	0.00	3.17	1.07	12.52	13.59	
131	Royal poinciana	0.9	54.8	7.5	96.7	2.6	9.2	0.00	0.33	0.00	2.93	0.00	2.64	0.81	9.50	10.31	
132	Royal poinciana	0.3	19.7	2.7	48.7	0.9	4.6	0.00	0.12	0.00	1.41	0.00	1.33	0.29	3.41	3.70	
133	Royal poinciana	0.6	33.6	4.6	63.0	1.6	6.0	0.00	0.21	0.00	1.91	0.00	1.72	0.50	5.82	6.32	
134	washingtonia spp	1.6	93.4	12.8	53.8	4.5	5.1	0.00	0.57	0.01	1.63	0.00	1.47	193.77	8.09	201.87	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
135	washingtonia spp	1.9	113.3	15.5	67.6	5.4	6.4	0.00	0.69	0.01	2.05	0.00	1.84	235.15	9.82	244.97	
136	washingtonia spp	1.6	93.4	12.8	53.8	4.5	5.1	0.00	0.57	0.01	1.63	0.00	1.47	193.77	8.09	201.87	
137	Live oak	8.3	487.9	66.7	219.8	23.4	20.9	0.01	2.98	0.03	6.66	0.00	6.00	0.00	0.00	0.00	
138	Live oak	6.2	360.2	49.2	172.8	17.2	16.4	0.01	2.20	0.02	5.23	0.00	4.71	0.00	0.00	0.00	
139	Royal poinciana	1.1	63.6	8.7	90.1	3.0	8.6	0.00	0.39	0.00	2.73	0.00	2.46	0.94	11.02	11.96	
140	Royal poinciana	1.7	100.5	13.7	137.8	4.8	13.1	0.00	0.61	0.01	4.17	0.00	3.76	1.49	17.42	18.91	
141	Cabbage palmetto	3.0	175.7	24.0	106.7	8.4	10.1	0.00	1.07	0.01	3.23	0.00	2.91	364.55	15.23	379.77	
142	Royal poinciana	2.0	117.5	16.1	158.3	5.6	15.0	0.00	0.72	0.01	4.79	0.00	4.32	1.74	20.36	22.10	
143	Live oak	9.3	544.2	74.4	262.1	26.1	24.9	0.01	3.32	0.04	7.94	0.00	7.15	0.00	0.00	0.00	
144	Live oak	9.6	560.5	76.6	260.4	26.8	24.8	0.01	3.42	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
145	Royal poinciana	1.8	103.3	14.1	150.0	4.9	14.3	0.00	0.63	0.01	4.54	0.00	4.09	1.53	17.90	19.43	
146	washingtonia spp	1.9	113.5	15.5	68.5	5.4	6.5	0.00	0.69	0.01	2.08	0.00	1.87	235.57	9.84	245.40	
147	Coconut palm	1.1	63.9	8.7	55.2	3.1	5.2	0.00	0.39	0.00	1.67	0.00	1.51	172.03	4.43	176.46	
148	Coconut palm	2.5	147.2	20.1	89.8	7.0	8.5	0.00	0.90	0.01	2.72	0.00	2.45	396.52	10.20	406.73	
149	Coconut palm	3.5	207.7	28.4	112.2	9.9	10.7	0.00	1.27	0.01	3.40	0.00	3.06	559.51	14.40	573.91	
150	Coconut palm	2.2	129.0	17.6	89.2	6.2	8.5	0.00	0.79	0.01	2.70	0.00	2.43	347.50	8.94	356.44	
151	Live oak	10.9	638.7	87.3	323.2	30.6	30.7	0.01	3.90	0.04	9.79	0.00	8.82	0.00	0.00	0.00	
152	Coconut palm	1.8	107.2	14.6	65.9	5.1	6.3	0.00	0.65	0.01	2.00	0.00	1.80	288.71	7.43	296.14	
153	Coconut palm	2.9	169.6	23.2	98.9	8.1	9.4	0.00	1.04	0.01	3.00	0.00	2.70	456.94	11.76	468.70	
154	Red maple	2.8	164.5	22.5	233.8	7.9	22.2	0.00	1.00	0.01	7.08	0.00	6.38	2.44	228.03	230.46	
155	Red maple	1.4	84.4	11.5	145.5	4.0	13.8	0.00	0.52	0.01	4.41	0.00	3.97	1.25	116.99	118.24	
156	Coconut palm	3.5	207.3	28.3	114.1	9.9	10.8	0.00	1.27	0.01	3.46	0.00	3.11	558.42	14.37	572.79	
157	Coconut palm	5.0	292.9	40.0	160.7	14.0	15.3	0.01	1.79	0.02	4.87	0.00	4.38	789.25	20.31	809.55	
158	Live oak	10.8	633.1	86.5	294.8	30.3	28.0	0.01	3.87	0.04	8.93	0.00	8.04	0.00	0.00	0.00	
159	Coconut palm	3.8	224.6	30.7	131.9	10.8	12.5	0.00	1.37	0.02	3.99	0.00	3.60	605.10	15.57	620.66	
160	Coconut palm	2.2	131.5	18.0	81.4	6.3	7.7	0.00	0.80	0.01	2.47	0.00	2.22	354.37	9.12	363.49	
161	Coconut palm	0.5	30.2	4.1	22.4	1.4	2.1	0.00	0.18	0.00	0.68	0.00	0.61	81.40	2.09	83.50	
162	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
163	Live oak	11.0	642.9	87.8	311.0	30.8	29.6	0.01	3.93	0.04	9.42	0.00	8.48	0.00	0.00	0.00	
164	Coconut palm	5.5	321.5	43.9	173.8	15.4	16.5	0.01	1.96	0.02	5.27	0.00	4.74	866.13	22.29	888.41	
165	Coconut palm	2.6	151.9	20.8	89.7	7.3	8.5	0.00	0.93	0.01	2.72	0.00	2.45	409.37	10.53	419.90	
166	Coconut palm	2.7	160.1	21.9	93.4	7.7	8.9	0.00	0.98	0.01	2.83	0.00	2.55	431.25	11.10	442.35	
167	Coconut palm	4.6	268.2	36.6	151.9	12.8	14.4	0.01	1.64	0.02	4.60	0.00	4.14	722.50	18.59	741.09	
168	Live oak	7.9	462.9	63.2	213.8	22.2	20.3	0.01	2.83	0.03	6.48	0.00	5.83	0.00	0.00	0.00	
169	Live oak	7.9	462.9	63.2	213.8	22.2	20.3	0.01	2.83	0.03	6.48	0.00	5.83	0.00	0.00	0.00	
170	Live oak	9.8	572.3	78.2	287.2	27.4	27.3	0.01	3.50	0.04	8.70	0.00	7.83	0.00	0.00	0.00	
171	Cabbage palmetto	3.2	184.4	25.2	113.4	8.8	10.8	0.00	1.13	0.01	3.43	0.00	3.09	382.66	15.98	398.64	
172	washingtonia spp	1.5	87.4	11.9	51.5	4.2	4.9	0.00	0.53	0.01	1.56	0.00	1.40	181.38	7.58	188.95	
173	Cabbage palmetto	2.3	135.0	18.4	94.7	6.5	9.0	0.00	0.82	0.01	2.87	0.00	2.58	280.13	11.70	291.83	
174	Coconut palm	2.0	114.5	15.6	70.3	5.5	6.7	0.00	0.70	0.01	2.13	0.00	1.92	308.43	7.94	316.36	
175	Live oak	5.4	318.1	43.5	164.0	15.2	15.6	0.01	1.94	0.02	4.97	0.00	4.47	0.00	0.00	0.00	
176	Coconut palm	1.8	107.2	14.6	65.9	5.1	6.3	0.00	0.65	0.01	2.00	0.00	1.80	288.71	7.43	296.14	
177	Coconut palm	2.2	128.7	17.6	77.9	6.2	7.4	0.00	0.79	0.01	2.36	0.00	2.13	346.78	8.92	355.70	
178	Live oak	3.0	176.7	24.1	93.4	8.5	8.9	0.00	1.08	0.01	2.83	0.00	2.55	0.00	0.00	0.00	
179	Live oak	3.2	188.8	25.8	92.7	9.0	8.8	0.00	1.15	0.01	2.81	0.00	2.53	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
180	Live oak	5.0	292.7	40.0	148.0	14.0	14.1	0.01	1.79	0.02	4.48	0.00	4.04	0.00	0.00	0.00	
181	Live oak	9.5	555.5	75.9	260.4	26.6	24.8	0.01	3.39	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
182	Coconut palm	2.7	156.3	21.4	95.2	7.5	9.0	0.00	0.95	0.01	2.88	0.00	2.60	421.12	10.84	431.96	
183	Coconut palm	5.5	321.7	44.0	182.3	15.4	17.3	0.00	1.97	0.02	5.52	0.00	4.97	866.85	22.30	889.15	
184	Coconut palm	1.1	63.0	8.6	45.5	3.0	4.3	0.00	0.39	0.00	1.38	0.00	1.24	169.86	4.37	174.23	
185	Coconut palm	2.4	138.8	19.0	87.2	6.6	8.3	0.00	0.85	0.01	2.64	0.00	2.38	374.09	9.63	383.72	
186	Live oak	7.7	452.2	61.8	238.7	21.7	22.7	0.01	2.76	0.03	7.23	0.00	6.51	0.00	0.00	0.00	
187	Cabbage palmetto	3.1	178.9	24.4	110.8	8.6	10.5	0.00	1.09	0.01	3.36	0.00	3.02	371.24	15.50	386.74	
188	Cabbage palmetto	3.5	202.0	27.6	127.1	9.7	12.1	0.00	1.23	0.01	3.85	0.00	3.47	419.15	17.51	436.66	
189	Cabbage palmetto	1.8	108.0	14.8	70.6	5.2	6.7	0.00	0.66	0.01	2.14	0.00	1.93	224.13	9.36	233.50	
190	Live oak	8.5	498.2	68.1	262.2	23.9	24.9	0.01	3.04	0.03	7.94	0.00	7.15	0.00	0.00	0.00	
191	Cabbage palmetto	2.3	132.5	18.1	98.1	6.3	9.3	0.00	0.81	0.01	2.97	0.00	2.68	274.84	11.48	286.32	
192	Cabbage palmetto	2.7	156.3	21.4	95.2	7.5	9.0	0.00	0.95	0.01	2.88	0.00	2.60	324.29	13.54	337.84	
193	Royal poinciana	1.1	66.9	9.1	104.6	3.2	4.1	0.00	0.41	0.00	3.17	0.00	2.85	0.99	11.60	12.59	
194	Live oak	5.9	343.4	46.9	182.4	16.4	17.3	0.01	2.10	0.02	5.52	0.00	4.98	0.00	0.00	0.00	
195	Live oak	7.1	414.7	56.7	214.4	19.9	20.4	0.01	2.53	0.03	6.50	0.00	5.85	0.00	0.00	0.00	
196	Cabbage palmetto	3.3	192.8	26.3	114.6	9.2	10.9	0.00	1.18	0.01	3.47	0.00	3.13	399.93	16.70	416.63	
197	Cabbage palmetto	2.0	114.5	15.6	70.3	5.5	6.7	0.00	0.70	0.01	2.13	0.00	1.92	237.51	9.92	247.43	
198	Live oak	9.1	531.8	72.7	291.1	25.5	27.7	0.01	3.25	0.04	8.82	0.00	7.94	0.00	0.00	0.00	
199	Cabbage palmetto	1.4	83.6	11.4	53.0	4.0	5.0	0.00	0.51	0.01	1.64	0.00	1.44	173.43	7.24	180.67	
200	Cabbage palmetto	2.7	156.3	21.4	95.2	7.5	9.0	0.00	0.95	0.01	2.88	0.00	2.60	324.29	13.54	337.84	
201	Live oak	3.7	215.6	29.5	110.5	10.3	10.5	0.00	1.32	0.01	3.35	0.00	3.01	0.00	0.00	0.00	
202	Cabbage palmetto	1.6	95.7	13.1	54.2	4.6	5.1	0.00	0.58	0.01	1.64	0.00	1.47	198.64	8.30	206.94	
203	Cabbage palmetto	1.6	91.1	12.4	53.7	4.4	5.1	0.00	0.56	0.01	1.63	0.00	1.47	189.03	7.89	196.93	
204	Cabbage palmetto	1.4	80.0	10.9	47.7	3.8	4.5	0.00	0.49	0.01	1.44	0.00	1.30	165.91	6.93	172.84	
205	Cabbage palmetto	1.2	71.5	9.8	44.7	3.4	4.2	0.00	0.44	0.00	1.35	0.00	1.22	148.35	6.20	154.55	
206	Cabbage palmetto	1.1	65.1	8.9	39.2	3.1	3.7	0.00	0.40	0.00	1.19	0.00	1.07	134.98	5.64	140.62	
207	Cabbage palmetto	1.3	78.3	10.7	44.5	3.7	4.2	0.00	0.48	0.01	1.35	0.00	1.21	162.42	6.78	169.21	
208	Cabbage palmetto	1.5	89.1	12.2	49.5	4.3	4.7	0.00	0.54	0.01	1.50	0.00	1.35	184.85	7.72	192.57	
209	Cabbage palmetto	2.0	115.7	15.8	61.0	5.5	5.8	0.00	0.71	0.01	1.85	0.00	1.67	240.01	10.02	250.04	
210	Cabbage palmetto	0.9	51.4	7.0	30.1	2.5	2.9	0.00	0.31	0.00	0.91	0.00	0.82	106.70	4.46	111.16	
211	Cabbage palmetto	0.9	52.4	7.2	31.9	2.5	3.0	0.00	0.32	0.00	0.97	0.00	0.87	108.79	4.54	113.34	
212	Cabbage palmetto	1.0	56.6	7.7	34.5	2.7	3.3	0.00	0.35	0.00	1.05	0.00	0.94	117.43	4.90	122.33	
213	Cabbage palmetto	1.3	73.4	10.0	42.3	3.5	4.0	0.00	0.45	0.01	1.28	0.00	1.15	152.26	6.36	158.61	
214	Cabbage palmetto	1.3	73.9	10.1	43.3	3.5	4.1	0.00	0.45	0.01	1.31	0.00	1.18	153.37	6.41	159.78	
215	Cabbage palmetto	1.1	63.4	8.7	40.9	3.0	3.9	0.00	0.39	0.00	1.24	0.00	1.12	131.50	5.49	136.99	
216	Cabbage palmetto	1.1	62.5	8.5	39.6	3.0	3.8	0.00	0.38	0.00	1.20	0.00	1.08	129.69	5.42	135.11	
217	Cabbage palmetto	1.8	102.9	14.1	59.1	4.9	5.6	0.00	0.63	0.01	1.79	0.00	1.61	213.41	8.91	222.32	
218	Cabbage palmetto	1.5	89.9	12.3	51.5	4.3	4.9	0.00	0.55	0.01	1.56	0.00	1.40	186.52	7.79	194.31	
219	Cabbage palmetto	1.1	62.5	8.5	39.6	3.0	3.8	0.00	0.38	0.00	1.20	0.00	1.08	129.69	5.42	135.11	
220	Coconut palm	6.9	405.5	55.4	212.6	19.4	20.2	0.01	2.48	0.03	6.44	0.00	5.80	1092.61	28.11	1120.72	
221	Coconut palm	3.7	218.5	29.9	119.3	10.5	11.3	0.00	1.34	0.02	3.61	0.00	3.25	588.81	15.15	603.96	
222	Red maple	1.7	98.4	13.4	144.0	4.7	13.7	0.00	0.60	0.01	4.36	0.00	3.93	146	136.35	137.81	
223	Coconut palm	6.0	352.0	48.1	180.8	16.9	17.2	0.01	2.15	0.02	5.48	0.00	4.93	948.43	24.40	972.84	
224	Coconut palm	4.6	268.9	36.7	143.5	12.9	13.6	0.01	1.64	0.02	4.35	0.00	3.92	724.49	18.64	743.13	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
225	Coconut palm	3.0	176.0	24.1	97.6	8.4	9.3	0.00	1.08	0.01	2.96	0.00	2.66	474.31	12.20	486.51	
226	Coconut palm	6.3	371.2	50.7	189.6	17.8	18.0	0.01	2.27	0.03	5.74	0.00	5.17	999.99	25.73	1,025.72	
227	Coconut palm	6.5	378.5	51.7	196.4	18.1	18.7	0.01	2.31	0.03	5.95	0.00	5.36	1,019.71	26.24	1,045.94	
228	Coconut palm	3.6	211.6	28.9	123.2	10.1	11.7	0.00	1.29	0.01	3.73	0.00	3.36	570.00	14.67	584.67	
229	Coconut palm	1.3	78.0	10.7	52.4	3.7	5.0	0.00	0.48	0.01	1.59	0.00	1.43	210.20	5.41	215.61	
230	Coconut palm	1.4	83.6	11.4	53.0	4.0	5.0	0.00	0.51	0.01	1.60	0.00	1.44	225.21	5.79	231.01	
231	Coconut palm	1.9	111.3	15.2	65.7	5.3	6.2	0.00	0.68	0.01	1.99	0.00	1.79	299.74	7.71	307.46	
232	Live oak	8.0	470.6	64.3	241.2	22.5	22.9	0.01	2.87	0.03	7.31	0.00	6.58	0.00	0.00	0.00	
233	Crimson bottlebrush	0.3	15.8	2.2	24.8	0.8	2.4	0.00	0.10	0.00	0.75	0.00	0.68	33.11	0.00	33.11	
234	Crimson bottlebrush	0.3	18.6	2.5	29.2	0.9	2.8	0.00	0.11	0.00	0.88	0.00	0.80	38.86	0.00	38.86	
235	Crimson bottlebrush	0.4	22.2	3.0	35.5	1.1	3.4	0.00	0.14	0.00	1.07	0.00	0.97	46.29	0.00	46.29	
236	Live oak	6.9	404.8	55.3	192.5	19.4	18.3	0.01	2.47	0.03	5.83	0.00	5.25	0.00	0.00	0.00	
237	Live oak	9.4	547.3	74.8	261.3	26.2	24.8	0.01	3.34	0.04	7.92	0.00	7.13	0.00	0.00	0.00	
238	Crimson bottlebrush	0.5	31.9	4.4	46.4	1.5	4.4	0.00	0.19	0.00	1.40	0.00	1.27	66.63	0.00	66.63	
239	Live oak	8.7	511.0	69.8	262.4	24.5	24.9	0.01	3.12	0.04	7.95	0.00	7.16	0.00	0.00	0.00	
240	Crimson bottlebrush	0.5	31.9	4.4	46.4	1.5	4.4	0.00	0.19	0.00	1.40	0.00	1.27	66.63	0.00	66.63	
241	Crimson bottlebrush	0.3	18.7	2.6	28.6	0.9	2.7	0.00	0.11	0.00	0.87	0.00	0.78	39.14	0.00	39.14	
242	Crimson bottlebrush	0.4	25.5	3.5	40.8	1.2	3.9	0.00	0.16	0.00	1.24	0.00	1.11	53.31	0.00	53.31	
243	Crimson bottlebrush	0.3	18.9	2.6	29.6	0.9	2.8	0.00	0.12	0.00	0.90	0.00	0.81	39.56	0.00	39.56	
244	Crimson bottlebrush	0.3	17.4	2.4	26.4	0.8	2.5	0.00	0.11	0.00	0.80	0.00	0.72	36.33	0.00	36.33	
245	washingtonia spp	1.7	99.8	13.6	59.2	4.8	5.6	0.00	0.61	0.01	1.79	0.00	1.61	207.01	8.65	215.65	
246	washingtonia spp	1.2	67.5	9.2	42.3	3.2	4.0	0.00	0.41	0.00	1.28	0.00	1.15	140.14	5.85	145.99	
247	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07	
248	washingtonia spp	1.9	113.9	15.6	69.6	5.5	6.6	0.00	0.70	0.01	2.11	0.00	1.90	236.26	9.87	246.13	
249	washingtonia spp	0.7	39.6	5.4	27.6	1.9	2.6	0.00	0.24	0.00	0.84	0.00	0.75	82.19	3.43	85.62	
250	washingtonia spp	0.7	39.6	5.4	27.6	1.9	2.6	0.00	0.24	0.00	0.84	0.00	0.75	82.19	3.43	85.62	
251	washingtonia spp	1.3	75.1	10.3	50.2	3.6	4.8	0.00	0.46	0.01	1.52	0.00	1.37	155.88	6.51	162.39	
252	washingtonia spp	2.8	164.0	22.4	92.9	7.9	8.8	0.00	1.00	0.01	2.81	0.00	2.53	340.32	14.21	354.54	
253	washingtonia spp	1.3	76.4	10.4	45.3	3.7	4.3	0.00	0.47	0.01	1.37	0.00	1.24	158.53	6.62	165.15	
254	washingtonia spp	2.0	114.9	15.7	72.0	5.5	6.8	0.00	0.70	0.01	2.18	0.00	1.96	238.49	9.96	248.45	
255	washingtonia spp	1.8	106.4	14.5	63.3	5.1	6.0	0.00	0.65	0.01	1.92	0.00	1.73	220.80	9.22	230.02	
256	washingtonia spp	1.4	82.0	11.2	49.5	3.9	4.7	0.00	0.50	0.01	1.50	0.00	1.35	170.23	7.11	177.34	
257	washingtonia spp	1.2	69.2	9.5	45.5	3.3	4.3	0.00	0.42	0.00	1.38	0.00	1.24	143.62	6.00	149.62	
258	Royal poinciana	2.3	135.6	18.5	180.1	6.5	17.1	0.00	0.83	0.01	5.46	0.00	4.91	2.01	23.49	25.50	
259	Royal poinciana	1.3	75.0	10.2	105.8	3.6	10.1	0.00	0.46	0.01	3.20	0.00	2.89	1.11	13.00	14.11	
260	Royal poinciana	3.0	177.8	24.3	239.5	8.5	22.8	0.00	1.09	0.01	7.25	0.00	6.53	2.63	30.81	33.45	
261	Royal poinciana	1.4	79.4	10.9	127.1	3.8	12.1	0.00	0.49	0.01	3.85	0.00	3.47	1.18	13.77	14.94	
262	Royal poinciana	3.0	178.1	24.3	253.9	8.5	24.1	0.00	1.09	0.01	7.69	0.00	6.93	2.64	30.87	33.51	
263	Royal poinciana	2.7	159.7	21.8	208.2	7.6	19.8	0.00	0.98	0.01	6.31	0.00	5.68	2.37	27.67	30.04	
264	Royal poinciana	1.8	107.2	14.7	157.6	5.1	15.0	0.00	0.66	0.01	4.77	0.00	4.30	1.59	18.58	20.17	
265	Royal poinciana	1.1	66.3	9.1	102.5	3.2	9.7	0.00	0.41	0.00	3.10	0.00	2.80	0.98	11.50	12.48	
266	Royal poinciana	1.9	109.8	15.0	165.6	5.3	15.7	0.00	0.67	0.01	5.01	0.00	4.52	1.63	19.03	20.65	
267	Royal poinciana	1.8	105.5	14.4	155.8	5.1	14.8	0.00	0.64	0.01	4.72	0.00	4.25	1.56	18.29	19.86	
268	Royal poinciana	2.0	114.6	15.7	168.7	5.5	16.0	0.00	0.70	0.01	5.11	0.00	4.60	1.70	19.86	21.56	
269	Royal poinciana	1.6	93.6	12.8	143.5	4.5	13.6	0.00	0.57	0.01	4.35	0.00	3.91	1.39	16.22	17.61	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
270	Royal poinciana	2.1	122.9	16.8	182.8	5.9	17.4	0.00	0.75	0.01	5.54	0.00	4.99	1.82	21.29	23.12	
271	Royal poinciana	1.9	108.8	14.9	159.2	5.2	15.1	0.00	0.66	0.01	4.82	0.00	4.34	1.61	18.85	20.46	
272	Royal poinciana	2.1	122.5	16.7	182.4	5.9	17.3	0.00	0.75	0.01	5.52	0.00	4.98	1.81	21.22	23.04	
273	Royal poinciana	1.4	79.2	10.8	135.8	3.8	12.3	0.00	0.48	0.01	4.11	0.00	3.70	1.17	13.72	14.89	
274	Royal poinciana	1.7	101.0	13.8	141.3	4.8	13.4	0.00	0.62	0.01	4.28	0.00	3.85	1.50	17.50	19.00	
275	Royal poinciana	2.3	135.1	18.5	186.3	6.5	17.7	0.00	0.83	0.01	5.64	0.00	5.08	2.00	23.41	25.41	
276	Royal poinciana	2.3	135.1	18.5	186.3	6.5	17.7	0.00	0.83	0.01	5.64	0.00	5.08	2.00	23.41	25.41	
277	Royal poinciana	2.2	127.8	17.5	165.9	6.1	15.8	0.00	0.78	0.01	5.03	0.00	4.53	1.89	22.14	24.04	
278	Live oak	1.2	67.5	9.2	33.3	3.2	3.2	0.00	0.41	0.00	1.01	0.00	0.91	0.00	0.00	0.00	
279	Coconut palm	3.6	211.6	28.9	123.2	10.1	11.7	0.00	1.29	0.01	3.73	0.00	3.36	570.00	14.67	584.67	
280	Coconut palm	3.0	175.7	24.0	106.7	8.4	10.1	0.00	1.07	0.01	3.23	0.00	2.91	473.40	12.18	485.58	
281	Coconut palm	1.6	94.9	13.0	51.5	4.5	4.9	0.00	0.58	0.01	1.56	0.00	1.40	255.79	6.58	262.37	
282	washingtonia spp	1.0	58.9	8.0	37.2	2.8	3.5	0.00	0.36	0.00	1.13	0.00	1.02	122.17	5.10	127.27	
283	washingtonia spp	1.3	76.9	10.5	53.0	3.7	5.0	0.00	0.47	0.01	1.60	0.00	1.44	159.64	6.67	166.31	
284	washingtonia spp	1.7	99.7	13.6	58.3	4.8	5.5	0.00	0.61	0.01	1.77	0.00	1.59	206.87	8.64	215.51	
285	washingtonia spp	1.2	71.2	9.7	42.1	3.4	4.0	0.00	0.44	0.00	1.27	0.00	1.15	147.80	6.17	153.98	
286	Royal poinciana	1.1	67.1	9.2	114.4	3.2	10.9	0.00	0.41	0.00	3.46	0.00	3.12	1.00	11.64	12.63	
287	Royal poinciana	1.4	84.5	11.5	114.2	4.0	10.9	0.00	0.52	0.01	3.46	0.00	3.12	1.25	14.64	15.89	
288	Royal poinciana	1.8	107.3	14.7	135.2	5.1	12.8	0.00	0.66	0.01	4.09	0.00	3.69	1.59	18.59	20.18	
289	Live oak	6.9	404.8	55.3	192.5	19.4	18.3	0.01	2.47	0.03	5.83	0.00	5.25	0.00	0.00	0.00	
290	Royal poinciana	0.4	24.0	3.3	32.5	1.1	3.1	0.00	0.15	0.00	0.98	0.00	0.89	0.36	4.15	4.51	
291	washingtonia spp	1.6	94.7	12.9	59.1	4.5	5.6	0.00	0.58	0.01	1.79	0.00	1.61	196.56	8.21	204.77	
292	washingtonia spp	9.0	528.6	72.2	326.3	25.3	31.0	0.01	3.23	0.04	9.88	0.00	8.90	1,096.75	45.81	1,142.56	
293	Live oak	9.7	565.6	77.3	272.0	27.1	25.9	0.01	3.46	0.04	8.24	0.00	7.42	0.00	0.00	0.00	
294	Live oak	4.4	259.2	35.4	122.5	12.4	11.6	0.01	1.58	0.02	3.71	0.00	3.34	0.00	0.00	0.00	
295	Royal poinciana	1.6	94.9	13.0	138.1	4.5	13.1	0.00	0.58	0.01	4.18	0.00	3.77	1.41	16.44	17.85	
296	Royal poinciana	2.1	122.3	16.7	161.8	5.9	15.4	0.00	0.75	0.01	4.90	0.00	4.41	1.81	21.20	23.01	
297	washingtonia spp	1.2	67.5	9.2	42.3	3.2	4.0	0.00	0.41	0.00	1.28	0.00	1.15	140.14	5.85	145.99	
298	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
299	Royal poinciana	1.5	87.1	11.9	130.1	4.2	12.4	0.00	0.53	0.01	3.94	0.00	3.55	1.29	15.09	16.38	
300	washingtonia spp	2.1	120.9	16.5	73.1	5.8	6.9	0.00	0.74	0.01	2.21	0.00	1.99	250.75	10.47	261.22	
301	washingtonia spp	2.0	115.6	15.8	73.3	5.5	7.0	0.00	0.71	0.01	2.22	0.00	2.00	239.88	10.02	249.90	
302	Royal poinciana	2.3	135.1	18.5	186.3	6.5	17.7	0.00	0.83	0.01	5.64	0.00	5.08	2.00	23.41	25.41	
303	washingtonia spp	2.5	145.0	19.8	83.4	6.9	7.9	0.00	0.89	0.01	2.53	0.00	2.28	300.90	12.57	313.47	
304	washingtonia spp	1.4	82.8	11.3	51.5	4.0	4.9	0.00	0.51	0.01	1.56	0.00	1.40	171.76	7.17	178.94	
305	Royal poinciana	1.6	94.9	13.0	138.1	4.5	13.1	0.00	0.58	0.01	4.18	0.00	3.77	1.41	16.44	17.85	
306	washingtonia spp	2.3	136.2	18.6	81.6	6.5	7.8	0.00	0.83	0.01	2.47	0.00	2.23	282.65	11.80	294.46	
307	Cabbage palmetto	1.2	72.9	10.0	41.4	3.5	3.9	0.00	0.45	0.01	1.25	0.00	1.13	151.28	6.32	157.60	
308	Cabbage palmetto	1.0	60.4	8.3	36.3	2.9	3.4	0.00	0.37	0.00	1.10	0.00	0.99	125.37	5.24	130.61	
309	Cabbage palmetto	1.3	77.6	10.6	42.8	3.7	4.1	0.00	0.47	0.01	1.30	0.00	1.17	161.03	6.73	167.76	
310	Cabbage palmetto	1.0	59.8	8.2	35.3	2.9	3.4	0.00	0.37	0.00	1.07	0.00	0.96	124.12	5.18	129.30	
311	Royal poinciana	2.2	127.2	17.4	166.8	6.1	15.9	0.00	0.78	0.01	5.05	0.00	4.55	1.88	22.04	23.92	
312	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.61	0.00	1.45	182.21	7.61	189.82	
313	washingtonia spp	0.9	52.7	7.2	35.6	2.5	3.4	0.00	0.32	0.00	1.08	0.00	0.97	109.35	4.57	113.92	
314	Royal poinciana	2.7	157.0	21.5	212.5	7.5	20.2	0.00	0.96	0.01	6.44	0.00	5.80	2.33	27.22	29.54	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
315	Royal poinciana	1.5	89.6	12.2	128.0	4.3	12.2	0.00	0.55	0.01	3.88	0.00	3.49	1.33	15.53	16.86	
316	washingtonia spp	0.6	37.1	5.1	26.3	1.8	2.5	0.00	0.23	0.00	0.80	0.00	0.72	77.04	3.22	80.25	
317	Royal poinciana	2.5	148.2	20.2	201.6	7.1	19.2	0.00	0.91	0.01	6.11	0.00	5.50	2.20	25.68	27.88	
318	Royal poinciana	2.8	161.0	22.0	222.1	7.7	21.1	0.00	0.98	0.01	6.73	0.00	6.06	2.39	27.90	30.29	
319	Dahoon	0.7	41.8	5.7	38.6	2.0	3.7	0.00	0.26	0.00	1.17	0.00	1.05	0.62	7.24	7.85	
320	Dahoon	0.3	16.0	2.2	15.7	0.8	1.5	0.00	0.10	0.00	0.47	0.00	0.43	0.24	2.77	3.01	
321	Dahoon	0.4	22.5	3.1	21.5	1.1	2.0	0.00	0.14	0.00	0.65	0.00	0.59	0.33	3.90	4.23	
322	Dahoon	0.3	18.9	2.6	17.3	0.9	1.6	0.00	0.12	0.00	0.52	0.00	0.47	0.28	3.27	3.55	
323	Dahoon	0.5	29.9	4.1	27.3	1.4	2.6	0.00	0.18	0.00	0.83	0.00	0.74	0.44	5.18	5.62	
324	Dahoon	0.4	25.4	3.5	24.7	1.2	2.3	0.00	0.16	0.00	0.75	0.00	0.67	0.38	4.40	4.77	
325	Cabbage palmetto	1.2	70.0	9.6	42.3	3.3	4.0	0.00	0.43	0.00	1.28	0.00	1.15	145.15	6.06	151.21	
326	Cabbage palmetto	1.5	85.1	11.6	50.0	4.1	4.8	0.00	0.52	0.01	1.52	0.00	1.37	176.49	7.37	183.86	
327	Cabbage palmetto	1.0	59.8	8.2	35.3	2.9	3.4	0.00	0.37	0.00	1.07	0.00	0.96	124.12	5.18	129.30	
328	Dahoon	0.8	47.3	6.5	40.0	2.3	3.8	0.00	0.29	0.00	1.21	0.00	1.09	0.70	8.20	8.90	
329	washingtonia spp	0.7	42.9	5.9	29.9	2.1	2.8	0.00	0.26	0.00	0.91	0.00	0.82	89.02	3.72	92.73	
330	washingtonia spp	1.3	76.9	10.5	46.9	3.7	4.5	0.00	0.47	0.01	1.42	0.00	1.28	159.64	6.67	166.31	
331	washingtonia spp	1.1	67.1	9.2	41.4	3.2	3.9	0.00	0.41	0.00	1.25	0.00	1.13	139.31	5.82	145.12	
332	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01	
333	washingtonia spp	1.8	107.8	14.7	67.5	5.2	6.4	0.00	0.66	0.01	2.04	0.00	1.84	223.72	9.34	233.07	
334	washingtonia spp	1.7	99.7	13.6	57.7	4.8	5.5	0.00	0.61	0.01	1.75	0.00	1.57	206.87	8.64	215.51	
335	washingtonia spp	1.1	66.8	9.1	40.5	3.2	3.8	0.00	0.41	0.00	1.23	0.00	1.10	138.61	5.79	144.40	
336	washingtonia spp	1.0	58.9	8.0	37.2	2.8	3.5	0.00	0.36	0.00	1.13	0.00	1.02	122.17	5.10	127.27	
337	washingtonia spp	1.3	78.4	10.7	50.0	3.8	4.8	0.00	0.48	0.01	1.52	0.00	1.37	162.57	6.79	169.36	
338	Dahoon	1.2	69.0	9.4	52.5	3.3	5.0	0.00	0.42	0.00	1.59	0.00	1.43	1.02	11.95	12.97	
339	washingtonia spp	1.0	59.9	8.2	39.2	2.9	3.7	0.00	0.37	0.00	1.19	0.00	1.07	124.26	5.19	129.45	
340	Live oak	4.4	256.7	35.1	130.0	12.3	12.4	0.01	1.57	0.02	3.94	0.00	3.55	0.00	0.00	0.00	
341	Live oak	5.9	342.3	46.8	167.8	16.4	15.9	0.01	2.09	0.02	5.08	0.00	4.58	0.00	0.00	0.00	
342	Coconut palm	3.6	211.6	28.9	123.2	10.1	11.7	0.00	1.29	0.01	3.73	0.00	3.36	570.00	14.67	584.67	
343	Coconut palm	2.0	119.6	16.3	71.6	5.7	6.8	0.00	0.73	0.01	2.17	0.00	1.95	322.36	8.29	330.65	
344	Cabbage palmetto	1.2	68.8	9.4	40.1	3.3	3.8	0.00	0.42	0.00	1.22	0.00	1.10	142.64	5.96	148.60	
345	Southern redcedar	4.8	283.5	38.7	95.4	13.6	9.1	0.01	1.73	0.02	2.89	0.00	2.60	4.20	147.41	151.61	
346	Cabbage palmetto	1.6	91.1	12.4	53.7	4.4	5.1	0.00	0.56	0.01	1.63	0.00	1.47	189.03	7.89	196.93	
347	Coconut palm	2.6	150.9	20.6	88.1	7.2	8.4	0.00	0.92	0.01	2.67	0.00	2.40	406.47	10.46	416.93	
348	Coconut palm	2.5	147.2	20.1	89.8	7.0	8.5	0.00	0.90	0.01	2.72	0.00	2.45	396.52	10.20	406.73	
349	Coconut palm	4.2	243.3	33.2	137.8	11.6	13.1	0.01	1.49	0.02	4.17	0.00	3.76	655.38	16.86	672.25	
350	Coconut palm	4.2	244.2	33.4	139.6	11.7	13.3	0.01	1.49	0.02	4.23	0.00	3.81	657.92	16.93	674.84	
351	Cabbage palmetto	4.2	246.9	33.7	143.5	11.8	13.6	0.01	1.51	0.02	4.35	0.00	3.91	512.35	21.40	533.75	
352	Cabbage palmetto	3.4	199.3	27.2	115.0	9.5	10.9	0.00	1.22	0.01	3.48	0.00	3.14	413.44	17.27	430.71	
353	Cabbage palmetto	3.0	176.9	24.2	100.1	8.5	9.5	0.00	1.08	0.01	3.03	0.00	2.73	366.92	15.32	382.24	
354	Slash pine	0.5	27.7	3.8	33.0	1.3	3.1	0.00	0.17	0.00	1.00	0.00	0.90	0.41	71.91	72.32	
355	Slash pine	0.8	45.1	6.2	50.6	2.2	4.8	0.00	0.28	0.00	1.53	0.00	1.38	0.67	117.12	117.79	
356	Slash pine	0.5	30.4	4.2	37.9	1.5	3.6	0.00	0.19	0.00	1.15	0.00	1.03	0.45	79.07	79.52	
357	Slash pine	0.6	35.3	4.8	48.0	1.7	4.6	0.00	0.22	0.00	1.45	0.00	1.31	0.52	91.81	92.33	
358	Slash pine	0.6	33.6	4.6	37.0	1.6	3.5	0.00	0.21	0.00	1.12	0.00	1.01	0.50	87.27	87.77	
359	Slash pine	0.6	32.5	4.4	38.6	1.6	3.7	0.00	0.20	0.00	1.17	0.00	1.05	0.48	84.48	84.96	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
360	Slash pine	0.8	49.1	6.7	57.0	2.4	5.4	0.00	0.30	0.00	1.73	0.00	1.55	0.73	127.77	128.49	
361	Cabbage palmetto	1.0	56.6	7.7	34.5	2.7	3.3	0.00	0.35	0.00	1.05	0.00	0.94	117.43	4.90	122.33	
362	Cabbage palmetto	1.5	89.9	12.3	51.5	4.3	4.9	0.00	0.35	0.01	1.56	0.00	1.40	186.52	7.79	194.31	
363	Cabbage palmetto	1.6	96.2	13.1	55.2	4.6	5.2	0.00	0.59	0.01	1.67	0.00	1.51	199.62	8.34	207.95	
364	Cabbage palmetto	1.7	101.7	13.9	56.1	4.9	5.3	0.00	0.62	0.01	1.70	0.00	1.53	210.90	8.81	219.71	
365	Southern redcedar	4.0	234.7	32.1	81.8	11.2	7.8	0.01	1.43	0.02	2.48	0.00	2.23	3.48	122.00	125.48	
366	Slash pine	0.9	50.6	6.9	59.2	2.4	5.6	0.00	0.31	0.00	1.79	0.00	1.61	0.75	131.61	132.36	
367	Slash pine	0.8	46.3	6.3	54.7	2.2	5.2	0.00	0.28	0.00	1.66	0.00	1.49	0.69	120.43	121.12	
368	Coconut palm	1.9	113.3	15.5	68.7	5.4	6.5	0.00	0.69	0.01	2.08	0.00	1.87	305.17	7.85	313.02	
369	Coconut palm	3.2	186.1	25.4	103.3	8.9	9.8	0.00	1.14	0.01	3.13	0.00	2.82	501.44	12.90	514.34	
370	Coconut palm	2.3	133.6	18.3	78.1	6.4	7.4	0.00	0.82	0.01	2.36	0.00	2.13	359.98	9.26	369.24	
371	Coconut palm	2.3	137.0	18.7	82.8	6.6	7.9	0.00	0.84	0.01	2.51	0.00	2.26	369.03	9.50	378.52	
372	Coconut palm	2.9	172.2	23.5	102.5	8.2	9.7	0.00	1.05	0.01	3.11	0.00	2.80	464.00	11.94	475.94	
373	Coconut palm	1.8	105.1	14.4	62.9	5.0	6.0	0.00	0.64	0.01	1.90	0.00	1.72	283.10	7.28	290.39	
374	Coconut palm	1.7	99.2	13.6	60.2	4.8	5.7	0.00	0.61	0.01	1.82	0.00	1.64	267.36	6.88	274.24	
375	Coconut palm	2.7	157.6	21.5	89.1	7.5	8.5	0.00	0.96	0.01	2.70	0.00	2.43	424.74	10.93	435.67	
376	Coconut palm	3.6	210.3	28.7	121.3	10.1	11.5	0.00	1.28	0.01	3.67	0.00	3.31	566.56	14.58	581.14	
377	Coconut palm	1.4	82.5	11.3	51.5	4.0	4.9	0.00	0.50	0.01	1.56	0.00	1.41	222.32	5.72	228.04	
378	Coconut palm	3.8	221.6	30.3	127.9	10.6	12.2	0.00	1.35	0.02	3.87	0.00	3.49	597.14	15.36	612.50	
379	Slash pine	4.3	254.1	34.7	287.1	12.2	27.3	0.01	1.55	0.02	8.70	0.00	7.83	3.77	660.47	664.23	
380	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
381	Live oak	1.0	59.0	8.1	31.0	2.8	2.9	0.00	0.36	0.00	0.94	0.00	0.84	0.00	0.00	0.00	
382	Live oak	5.8	341.8	46.7	174.5	16.4	16.6	0.01	2.09	0.02	5.28	0.00	4.76	0.00	0.00	0.00	
383	Coconut palm	13.0	763.0	104.3	419.5	36.5	39.9	0.02	4.66	0.05	12.71	0.01	11.44	2,055.69	52.89	2,108.59	
384	Slash pine	0.5	30.0	4.1	34.9	1.4	3.3	0.00	0.18	0.00	1.06	0.00	0.95	0.44	78.02	78.47	
385	Live oak	6.7	393.5	53.8	204.7	18.8	19.5	0.01	2.40	0.03	6.20	0.00	5.58	0.00	0.00	0.00	
386	washingtonia spp	0.9	52.7	7.2	35.6	2.5	3.4	0.00	0.32	0.00	1.08	0.00	0.97	109.35	4.57	113.92	
387	washingtonia spp	1.1	62.0	8.5	42.8	3.0	4.1	0.00	0.38	0.00	1.29	0.00	1.17	128.58	5.37	133.95	
388	washingtonia spp	0.9	51.6	7.0	33.6	2.5	3.2	0.00	0.31	0.00	1.02	0.00	0.92	106.99	4.47	111.46	
389	Royal poinciana	1.4	83.0	11.3	124.2	4.0	11.8	0.00	0.51	0.01	3.76	0.00	3.39	1.23	14.38	15.61	
390	Slash pine	0.5	27.1	3.7	30.2	1.3	2.9	0.00	0.17	0.00	0.91	0.00	0.82	0.40	70.34	70.74	
391	washingtonia spp	1.7	101.1	13.8	63.2	4.8	6.0	0.00	0.62	0.01	1.91	0.00	1.72	209.79	8.76	218.56	
392	Slash pine	0.4	25.0	3.4	29.3	1.2	2.8	0.00	0.15	0.00	0.89	0.00	0.80	0.37	65.10	65.48	
393	Slash pine	0.4	22.7	3.1	27.4	1.1	2.6	0.00	0.14	0.00	0.83	0.00	0.75	0.34	59.00	59.33	
394	Southern redcedar	3.3	193.6	26.5	68.3	9.3	6.5	0.00	1.18	0.01	2.07	0.00	1.86	2.87	100.67	103.54	
395	Slash pine	0.6	34.5	4.7	39.4	1.7	3.7	0.00	0.21	0.00	1.19	0.00	1.08	0.51	89.71	90.23	
396	Southern redcedar	4.3	253.9	34.7	89.2	12.2	8.5	0.01	1.55	0.02	2.70	0.00	2.43	3.76	131.98	135.74	
397	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.61	0.00	1.45	182.21	7.61	189.82	
398	Live oak	5.1	300.2	41.0	150.7	14.4	14.3	0.01	1.83	0.02	4.56	0.00	4.11	0.00	0.00	0.00	
399	Live oak	8.6	501.9	68.6	261.3	24.0	24.8	0.01	3.07	0.03	7.91	0.00	7.13	0.00	0.00	0.00	
400	Live oak	9.3	546.1	74.6	303.9	26.1	28.9	0.01	3.34	0.04	9.21	0.00	8.29	0.00	0.00	0.00	
401	Royal poinciana	2.5	144.9	19.8	191.3	6.9	18.2	0.00	0.89	0.01	5.80	0.00	5.22	2.15	25.11	27.26	
402	Royal poinciana	2.4	140.5	19.2	185.2	6.7	17.6	0.00	0.86	0.01	5.61	0.00	5.05	2.08	24.34	26.42	
403	Royal poinciana	2.3	135.0	18.4	182.8	6.5	17.4	0.00	0.82	0.01	5.54	0.00	4.99	2.00	23.40	25.40	
404	Royal poinciana	3.1	182.4	24.9	246.2	8.7	23.4	0.00	1.11	0.01	7.46	0.00	6.72	2.70	31.62	34.32	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
405	Southern magnolia	0.7	40.2	5.5	28.8	1.9	2.7	0.00	0.25	0.00	0.87	0.00	0.79	0.60	104.38	104.98	
406	Live oak	11.7	685.9	93.7	342.9	32.8	32.6	0.01	4.19	0.05	10.39	0.00	9.36	0.00	0.00	0.00	
407	Live oak	11.2	657.5	89.8	342.3	31.5	32.5	0.01	4.02	0.05	10.37	0.00	9.34	0.00	0.00	0.00	
408	Live oak	11.4	667.5	91.2	329.1	32.0	31.3	0.01	4.08	0.05	9.97	0.00	8.98	0.00	0.00	0.00	
409	Live oak	11.6	679.8	92.9	343.2	32.5	32.6	0.01	4.15	0.05	10.39	0.00	9.36	0.00	0.00	0.00	
410	Southern magnolia	0.7	40.2	5.5	28.8	1.9	2.7	0.00	0.25	0.00	0.87	0.00	0.79	0.60	104.38	104.98	
411	Southern magnolia	0.9	54.7	7.5	39.0	2.6	3.7	0.00	0.33	0.00	1.18	0.00	1.06	0.81	142.08	142.89	
412	Southern magnolia	0.7	40.2	5.5	28.8	1.9	2.7	0.00	0.25	0.00	0.87	0.00	0.79	0.60	104.38	104.98	
413	Southern magnolia	0.7	40.2	5.5	28.8	1.9	2.7	0.00	0.25	0.00	0.87	0.00	0.79	0.60	104.38	104.98	
414	Southern magnolia	0.8	46.1	6.3	32.8	2.2	3.1	0.00	0.28	0.00	0.99	0.00	0.90	0.68	119.92	120.60	
415	Live oak	8.5	500.0	68.3	225.8	23.9	21.5	0.01	3.05	0.03	6.84	0.00	6.16	0.00	0.00	0.00	
416	Southern magnolia	0.4	26.3	3.6	20.3	1.3	1.9	0.00	0.16	0.00	0.61	0.00	0.55	0.39	68.42	68.81	
417	Southern magnolia	0.8	46.1	6.3	33.5	2.2	3.2	0.00	0.28	0.00	1.01	0.00	0.91	0.68	119.92	120.60	
418	Southern magnolia	0.7	40.2	5.5	29.5	1.9	2.8	0.00	0.25	0.00	0.89	0.00	0.80	0.60	104.56	105.15	
419	Live oak	10.9	638.3	87.2	320.6	30.6	30.5	0.01	3.90	0.04	9.71	0.00	8.75	0.00	0.00	0.00	
420	Live oak	10.8	632.0	86.4	335.5	30.3	31.9	0.01	3.86	0.04	10.16	0.00	9.15	0.00	0.00	0.00	
421	Live oak	11.0	644.6	88.1	330.2	30.9	31.4	0.01	3.94	0.04	10.00	0.00	9.01	0.00	0.00	0.00	
422	Live oak	8.2	478.7	65.4	219.6	22.9	20.9	0.01	2.92	0.03	6.65	0.00	5.99	0.00	0.00	0.00	
423	Live oak	11.9	694.4	94.9	315.4	33.2	30.0	0.01	4.24	0.05	9.55	0.00	8.61	0.00	0.00	0.00	
424	Live oak	9.2	537.5	73.4	255.8	25.7	24.3	0.01	3.28	0.04	7.75	0.00	6.98	0.00	0.00	0.00	
425	Live oak	8.2	478.3	65.4	228.3	22.9	21.7	0.01	2.92	0.03	6.92	0.00	6.23	0.00	0.00	0.00	
426	Live oak	10.2	598.1	81.7	286.0	28.6	27.2	0.01	3.65	0.04	8.66	0.00	7.80	0.00	0.00	0.00	
427	Live oak	9.6	562.7	76.9	247.3	26.9	23.5	0.01	3.44	0.04	7.49	0.00	6.75	0.00	0.00	0.00	
428	Live oak	8.4	489.6	66.9	234.4	23.4	22.3	0.01	2.99	0.03	7.10	0.00	6.39	0.00	0.00	0.00	
429	Live oak	10.0	587.8	80.3	295.2	28.1	28.1	0.01	3.59	0.04	8.94	0.00	8.05	0.00	0.00	0.00	
430	Live oak	8.1	471.6	64.4	220.5	22.6	21.0	0.01	2.88	0.03	6.68	0.00	6.02	0.00	0.00	0.00	
431	Live oak	11.2	654.4	89.4	333.8	31.3	31.7	0.01	4.00	0.05	10.11	0.00	9.11	0.00	0.00	0.00	
432	Live oak	9.4	547.3	74.8	244.9	26.2	23.3	0.01	3.34	0.04	7.42	0.00	6.68	0.00	0.00	0.00	
433	Live oak	10.7	625.0	85.4	280.5	29.9	26.7	0.01	3.82	0.04	8.50	0.00	7.65	0.00	0.00	0.00	
434	Live oak	12.6	734.9	100.4	340.6	35.2	32.4	0.02	4.49	0.05	10.32	0.00	9.29	0.00	0.00	0.00	
435	Live oak	11.1	649.5	88.8	332.0	31.1	31.6	0.01	3.97	0.05	10.06	0.00	9.06	0.00	0.00	0.00	
436	Live oak	9.4	550.5	75.2	254.9	26.4	24.2	0.01	3.36	0.04	7.72	0.00	6.95	0.00	0.00	0.00	
437	Live oak	6.8	396.4	54.2	201.9	19.0	19.2	0.01	2.42	0.03	6.12	0.00	5.51	0.00	0.00	0.00	
438	Live oak	10.7	628.4	85.9	336.8	30.1	32.0	0.01	3.84	0.04	10.20	0.00	9.19	0.00	0.00	0.00	
439	Live oak	7.4	435.3	59.5	202.0	20.8	19.2	0.01	2.66	0.03	6.12	0.00	5.51	0.00	0.00	0.00	
440	Live oak	7.4	435.3	59.5	202.0	20.8	19.2	0.01	2.66	0.03	6.12	0.00	5.51	0.00	0.00	0.00	
441	Live oak	10.4	611.4	83.5	295.1	29.3	28.1	0.01	3.73	0.04	8.94	0.00	8.05	0.00	0.00	0.00	
442	Live oak	11.2	654.1	89.4	308.7	31.3	29.3	0.01	4.00	0.05	9.35	0.00	8.42	0.00	0.00	0.00	
443	Live oak	9.0	524.3	71.6	250.9	25.1	23.9	0.01	3.20	0.04	7.60	0.00	6.85	0.00	0.00	0.00	
444	Live oak	7.7	452.1	61.8	218.7	21.6	20.8	0.01	2.76	0.03	6.62	0.00	5.97	0.00	0.00	0.00	
445	Slash pine	0.4	23.0	3.1	24.8	1.1	2.4	0.00	0.14	0.00	0.75	0.00	0.68	0.34	59.69	60.03	
446	Live oak	10.3	604.6	82.6	301.4	28.9	28.6	0.01	3.69	0.04	9.13	0.00	8.22	0.00	0.00	0.00	
447	Live oak	10.3	602.4	82.3	337.9	28.8	32.1	0.01	3.68	0.04	10.24	0.00	9.22	0.00	0.00	0.00	
448	Live oak	10.9	640.3	87.5	338.6	30.7	32.2	0.01	3.91	0.04	10.26	0.00	9.24	0.00	0.00	0.00	
449	Live oak	9.0	528.7	72.2	260.5	25.3	24.8	0.01	3.23	0.04	7.89	0.00	7.11	0.00	0.00	0.00	

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Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
450	Live oak	6.3	366.1	50.0	178.2	17.5	16.9	0.01	2.24	0.03	5.40	0.00	4.86	0.00	0.00	0.00	
451	Live oak	6.9	403.8	55.2	193.8	19.3	18.4	0.01	2.47	0.03	5.87	0.00	5.29	0.00	0.00	0.00	
452	Live oak	10.1	593.4	81.1	286.4	28.4	27.2	0.01	3.62	0.04	8.67	0.00	7.81	0.00	0.00	0.00	
453	Live oak	10.6	617.4	84.4	303.8	29.6	28.9	0.01	3.77	0.04	9.20	0.00	8.29	0.00	0.00	0.00	
454	Live oak	11.0	644.0	88.0	320.5	30.8	30.5	0.01	3.93	0.04	9.71	0.00	8.74	0.00	0.00	0.00	
455	Live oak	7.4	432.9	59.1	202.8	20.7	19.3	0.01	2.64	0.03	6.14	0.00	5.53	0.00	0.00	0.00	
456	Live oak	11.1	648.7	88.6	317.6	31.1	30.2	0.01	3.96	0.04	9.62	0.00	8.66	0.00	0.00	0.00	
457	Live oak	11.4	669.5	91.5	339.4	32.1	32.3	0.01	4.09	0.05	10.28	0.00	9.26	0.00	0.00	0.00	
458	Live oak	11.1	649.5	88.8	332.0	31.1	31.6	0.01	3.97	0.05	10.06	0.00	9.06	0.00	0.00	0.00	
459	Live oak	11.2	653.4	89.3	314.8	31.3	29.9	0.01	3.99	0.05	9.54	0.00	8.59	0.00	0.00	0.00	
460	Live oak	10.6	622.9	85.1	334.8	29.8	31.8	0.01	3.80	0.04	10.14	0.00	9.13	0.00	0.00	0.00	
461	Live oak	6.1	354.0	48.4	173.8	17.0	16.5	0.01	2.16	0.02	5.26	0.00	4.74	0.00	0.00	0.00	
462	Live oak	7.9	463.9	63.4	224.9	22.2	21.4	0.01	2.83	0.03	6.81	0.00	6.13	0.00	0.00	0.00	
463	Live oak	7.4	432.9	59.1	202.8	20.7	19.3	0.01	2.64	0.03	6.14	0.00	5.53	0.00	0.00	0.00	
464	Live oak	8.3	486.6	66.5	237.0	23.3	22.5	0.01	2.97	0.03	7.18	0.00	6.47	0.00	0.00	0.00	
465	Live oak	10.7	623.2	85.2	295.2	29.8	28.1	0.01	3.81	0.04	8.94	0.00	8.05	0.00	0.00	0.00	
466	Live oak	10.6	619.4	84.6	338.8	29.7	32.2	0.01	3.78	0.04	10.26	0.00	9.24	0.00	0.00	0.00	
467	Live oak	10.9	637.2	87.1	332.4	30.5	31.6	0.01	3.89	0.04	10.07	0.00	9.07	0.00	0.00	0.00	
468	Live oak	11.3	659.1	90.1	323.7	31.6	30.8	0.01	4.03	0.05	9.81	0.00	8.83	0.00	0.00	0.00	
469	Live oak	10.8	632.5	86.4	338.4	30.3	32.2	0.01	3.86	0.04	10.25	0.00	9.23	0.00	0.00	0.00	
470	Live oak	10.6	621.9	85.0	307.7	29.8	29.3	0.01	3.80	0.04	9.32	0.00	8.39	0.00	0.00	0.00	
471	Live oak	10.6	619.3	84.6	338.8	29.6	32.2	0.01	3.78	0.04	10.26	0.00	9.24	0.00	0.00	0.00	
472	Live oak	7.1	417.5	57.0	209.7	20.0	19.9	0.01	2.55	0.03	6.35	0.00	5.72	0.00	0.00	0.00	
473	Live oak	5.0	293.9	40.2	139.3	14.1	13.2	0.01	1.80	0.02	4.22	0.00	3.80	0.00	0.00	0.00	
474	Live oak	8.1	471.6	64.4	220.5	22.6	21.0	0.01	2.88	0.03	6.68	0.00	6.02	0.00	0.00	0.00	
475	Live oak	9.7	570.1	77.9	265.8	27.3	25.3	0.01	3.48	0.04	8.05	0.00	7.25	0.00	0.00	0.00	
476	Live oak	3.9	226.2	30.9	107.7	10.8	10.2	0.00	1.38	0.02	3.26	0.00	2.94	0.00	0.00	0.00	
477	Live oak	4.0	236.8	32.4	112.9	11.3	10.7	0.01	1.45	0.02	3.42	0.00	3.08	0.00	0.00	0.00	
478	Live oak	3.9	226.1	30.9	109.0	10.8	10.4	0.00	1.38	0.02	3.30	0.00	2.97	0.00	0.00	0.00	
479	Live oak	10.1	589.3	80.5	287.0	28.2	27.3	0.01	3.60	0.04	8.69	0.00	7.83	0.00	0.00	0.00	
480	Live oak	11.1	650.6	88.9	320.6	31.2	30.5	0.01	3.97	0.05	9.71	0.00	8.75	0.00	0.00	0.00	
481	Live oak	9.2	536.0	73.2	292.7	25.7	27.8	0.01	3.27	0.04	8.87	0.00	7.99	0.00	0.00	0.00	
482	Royal poinciana	1.8	102.9	14.1	143.2	4.9	13.6	0.00	0.63	0.01	4.34	0.00	3.91	1.52	17.83	19.35	
483	Royal poinciana	1.8	103.0	14.1	151.5	4.9	14.4	0.00	0.63	0.01	4.59	0.00	4.13	1.53	17.85	19.38	
484	Royal poinciana	1.4	79.2	10.8	120.4	3.8	11.4	0.00	0.48	0.01	3.65	0.00	3.28	1.17	13.73	14.90	
485	Royal poinciana	1.8	105.5	14.4	159.4	5.1	15.2	0.00	0.64	0.01	4.63	0.00	4.35	1.56	18.29	19.86	
486	Royal poinciana	1.6	90.7	12.4	145.9	4.3	13.9	0.00	0.55	0.01	4.42	0.00	3.98	1.34	15.72	17.06	
487	Royal poinciana	1.4	82.5	11.3	126.9	3.9	12.1	0.00	0.50	0.01	3.84	0.00	3.46	1.22	14.29	15.51	
488	Royal poinciana	1.4	81.0	11.1	122.3	3.9	11.6	0.00	0.50	0.01	3.70	0.00	3.34	1.20	14.04	15.25	
489	Royal poinciana	2.2	127.8	17.5	191.7	6.1	18.2	0.00	0.78	0.01	5.81	0.00	5.23	1.89	22.14	24.04	
490	Live oak	5.0	295.1	40.3	153.8	14.1	14.6	0.01	1.80	0.02	4.66	0.00	4.19	0.00	0.00	0.00	
491	Live oak	4.8	279.0	38.1	146.1	13.4	13.9	0.01	1.70	0.02	4.43	0.00	3.99	0.00	0.00	0.00	
492	Live oak	7.8	455.4	62.2	229.4	21.8	21.8	0.01	2.78	0.03	6.95	0.00	6.26	0.00	0.00	0.00	
493	Live oak	7.3	429.8	58.7	222.0	20.6	21.1	0.01	2.63	0.03	6.73	0.00	6.06	0.00	0.00	0.00	
494	Live oak	5.6	324.9	44.4	166.5	15.6	15.8	0.01	1.98	0.02	5.04	0.00	4.54	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
495	Live oak	7.0	408.4	55.8	212.1	19.6	20.2	0.01	2.49	0.03	6.43	0.00	5.79	0.00	0.00	0.00	
496	Live oak	6.2	361.2	49.3	188.9	17.3	18.0	0.01	2.21	0.03	5.72	0.00	5.15	0.00	0.00	0.00	
497	Live oak	5.9	344.9	47.1	172.1	16.5	16.4	0.01	2.11	0.02	5.21	0.00	4.69	0.00	0.00	0.00	
498	Southern magnolia	0.7	43.0	5.9	31.1	2.1	3.0	0.00	0.26	0.00	0.94	0.00	0.85	0.64	111.89	112.52	
499	Southern magnolia	0.8	46.1	6.3	32.8	2.2	3.1	0.00	0.28	0.00	0.99	0.00	0.90	0.68	119.92	120.60	
500	Southern magnolia	0.8	46.1	6.3	32.8	2.2	3.1	0.00	0.28	0.00	0.99	0.00	0.90	0.68	119.92	120.60	
501	Southern magnolia	0.8	46.1	6.3	32.8	2.2	3.1	0.00	0.28	0.00	0.99	0.00	0.90	0.68	119.92	120.60	
502	Southern magnolia	0.7	40.2	5.5	29.5	1.9	2.8	0.00	0.25	0.00	0.89	0.00	0.80	0.60	104.56	105.15	
503	Southern magnolia	0.8	46.1	6.3	33.5	2.2	3.2	0.00	0.28	0.00	1.01	0.00	0.91	0.68	119.92	120.60	
504	Southern magnolia	0.4	22.6	3.1	17.0	1.1	1.6	0.00	0.14	0.00	0.52	0.00	0.46	0.33	58.65	58.98	
505	Southern magnolia	0.8	46.1	6.3	33.5	2.2	3.2	0.00	0.28	0.00	1.01	0.00	0.91	0.68	119.92	120.60	
506	washingtonia spp	12.6	737.1	100.7	464.2	35.3	44.1	0.02	4.50	0.05	14.06	0.00	12.66	1,529.30	63.87	1,593.17	
507	washingtonia spp	10.5	616.4	84.2	364.4	29.5	34.6	0.01	3.77	0.04	11.04	0.00	9.94	1,278.97	53.42	1,332.38	
508	Live oak	9.0	527.4	72.1	250.1	25.3	23.8	0.01	3.22	0.04	7.58	0.00	6.82	0.00	0.00	0.00	
509	Live oak	7.1	415.4	56.8	201.6	19.9	19.2	0.01	2.54	0.03	6.11	0.00	5.50	0.00	0.00	0.00	
510	Live oak	6.1	354.0	48.4	173.8	17.0	16.5	0.01	2.16	0.02	5.26	0.00	4.74	0.00	0.00	0.00	
511	Live oak	4.0	236.7	32.3	114.2	11.3	10.9	0.01	1.45	0.02	3.46	0.00	3.12	0.00	0.00	0.00	
512	Live oak	4.4	259.4	35.4	128.0	12.4	12.2	0.01	1.58	0.02	3.88	0.00	3.49	0.00	0.00	0.00	
513	Live oak	5.4	318.6	43.5	149.8	15.3	14.2	0.01	1.95	0.02	4.54	0.00	4.09	0.00	0.00	0.00	
514	Live oak	11.4	667.7	91.2	326.9	32.0	31.1	0.01	4.08	0.05	9.90	0.00	8.92	0.00	0.00	0.00	
515	Live oak	11.0	643.0	87.9	332.1	30.8	31.6	0.01	3.93	0.04	10.06	0.00	9.06	0.00	0.00	0.00	
516	Live oak	9.4	547.3	74.8	261.3	26.2	24.8	0.01	3.34	0.04	7.92	0.00	7.13	0.00	0.00	0.00	
517	Live oak	7.1	415.3	56.7	203.3	19.9	19.3	0.01	2.54	0.03	6.16	0.00	5.55	0.00	0.00	0.00	
518	Live oak	6.4	375.5	51.3	170.7	18.0	16.2	0.01	2.29	0.03	5.17	0.00	4.66	0.00	0.00	0.00	
519	Live oak	8.5	498.9	68.2	241.6	23.9	23.0	0.01	3.05	0.03	7.32	0.00	6.59	0.00	0.00	0.00	
520	Live oak	11.2	657.9	89.9	321.0	31.5	30.5	0.01	4.02	0.05	9.72	0.00	8.76	0.00	0.00	0.00	
521	Live oak	9.1	531.0	72.6	249.6	25.4	23.7	0.01	3.24	0.04	7.56	0.00	6.81	0.00	0.00	0.00	
522	Live oak	5.6	329.9	45.1	157.0	15.8	14.9	0.01	2.02	0.02	4.75	0.00	4.28	0.00	0.00	0.00	
523	Live oak	3.5	206.6	28.2	103.1	9.9	9.8	0.00	1.26	0.01	3.12	0.00	2.81	0.00	0.00	0.00	
524	Live oak	4.2	247.8	33.9	120.9	11.9	11.5	0.01	1.51	0.02	3.66	0.00	3.30	0.00	0.00	0.00	
525	Live oak	7.1	416.0	56.8	200.0	19.9	19.0	0.01	2.54	0.03	6.06	0.00	5.46	0.00	0.00	0.00	
526	Live oak	7.8	455.0	62.2	216.1	21.8	20.5	0.01	2.78	0.03	6.55	0.00	5.90	0.00	0.00	0.00	
527	Live oak	6.7	390.8	53.4	190.7	18.7	18.1	0.01	2.39	0.03	5.78	0.00	5.20	0.00	0.00	0.00	
528	Live oak	5.2	306.8	41.9	153.1	14.7	14.6	0.01	1.87	0.02	4.64	0.00	4.18	0.00	0.00	0.00	
529	Live oak	5.6	329.9	45.1	157.0	15.8	14.9	0.01	2.02	0.02	4.75	0.00	4.28	0.00	0.00	0.00	
530	Live oak	8.7	506.7	69.2	231.6	24.3	22.0	0.01	3.10	0.04	7.02	0.00	6.32	0.00	0.00	0.00	
531	Live oak	6.3	367.2	50.2	191.2	17.6	18.2	0.01	2.24	0.03	5.79	0.00	5.21	0.00	0.00	0.00	
532	Live oak	3.7	217.7	29.7	109.8	10.4	10.4	0.00	1.33	0.02	3.33	0.00	3.00	0.00	0.00	0.00	
533	Live oak	5.9	345.8	47.3	159.8	16.6	15.2	0.01	2.11	0.02	4.84	0.00	4.36	0.00	0.00	0.00	
534	Live oak	3.9	226.2	30.9	107.7	10.8	10.2	0.00	1.38	0.02	3.26	0.00	2.94	0.00	0.00	0.00	
535	Live oak	5.9	346.4	47.3	176.2	16.6	16.7	0.01	2.12	0.02	5.34	0.00	4.81	0.00	0.00	0.00	
536	Live oak	7.4	433.2	59.2	195.0	20.7	18.5	0.01	2.65	0.03	5.91	0.00	5.32	0.00	0.00	0.00	
537	Live oak	11.3	662.6	90.5	334.3	31.8	31.8	0.01	4.05	0.05	10.13	0.00	9.12	0.00	0.00	0.00	
538	Live oak	10.8	630.1	86.1	324.8	30.2	30.9	0.01	3.85	0.04	9.84	0.00	8.86	0.00	0.00	0.00	
539	Live oak	10.8	631.4	86.3	318.1	30.2	30.2	0.01	3.86	0.04	9.64	0.00	8.68	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
540	Live oak	7.6	441.9	60.4	243.8	21.2	23.2	0.01	2.70	0.03	7.38	0.00	6.65	0.00	0.00	0.00	
541	Live oak	10.3	600.3	82.0	291.0	28.7	27.7	0.01	3.67	0.04	8.82	0.00	7.94	0.00	0.00	0.00	
542	Live oak	10.0	583.2	79.7	254.9	27.9	24.2	0.01	3.56	0.04	7.72	0.00	6.95	0.00	0.00	0.00	
543	Live oak	7.1	416.7	56.9	188.9	20.0	18.0	0.01	2.55	0.03	5.72	0.00	5.15	0.00	0.00	0.00	
544	Live oak	9.9	576.9	78.8	257.5	27.6	24.5	0.01	3.52	0.04	7.80	0.00	7.02	0.00	0.00	0.00	
545	Live oak	10.0	585.9	80.1	281.5	28.1	26.8	0.01	3.58	0.04	8.53	0.00	7.68	0.00	0.00	0.00	
546	Live oak	11.3	659.4	90.1	328.4	31.6	31.2	0.01	4.03	0.05	9.95	0.00	8.96	0.00	0.00	0.00	
547	Live oak	11.3	659.6	90.1	326.2	31.6	31.0	0.01	4.03	0.05	9.88	0.00	8.90	0.00	0.00	0.00	
548	Live oak	10.0	587.8	80.3	276.2	28.1	26.3	0.01	3.59	0.04	8.37	0.00	7.54	0.00	0.00	0.00	
549	Live oak	8.2	478.7	65.4	219.6	22.9	20.9	0.01	2.92	0.03	6.65	0.00	5.99	0.00	0.00	0.00	
550	Live oak	7.0	410.6	56.1	189.7	19.7	18.0	0.01	2.51	0.03	5.75	0.00	5.18	0.00	0.00	0.00	
551	Live oak	8.9	518.1	70.8	237.6	24.8	22.6	0.01	3.17	0.04	7.20	0.00	6.48	0.00	0.00	0.00	
552	Live oak	11.4	666.9	91.1	313.5	31.9	29.8	0.01	4.07	0.05	9.49	0.00	8.55	0.00	0.00	0.00	
553	Live oak	10.8	631.3	86.3	292.2	30.2	27.8	0.01	3.86	0.04	8.85	0.00	7.97	0.00	0.00	0.00	
554	Live oak	8.6	502.2	68.6	231.7	24.0	22.0	0.01	3.07	0.03	7.02	0.00	6.32	0.00	0.00	0.00	
555	Live oak	10.0	585.1	79.9	271.3	28.0	25.8	0.01	3.57	0.04	8.22	0.00	7.40	0.00	0.00	0.00	
556	Live oak	11.1	651.7	89.1	323.3	31.2	30.7	0.01	3.98	0.05	9.79	0.00	8.82	0.00	0.00	0.00	
557	Live oak	9.2	540.7	73.9	284.7	25.9	27.1	0.01	3.30	0.04	8.62	0.00	7.77	0.00	0.00	0.00	
558	Live oak	6.7	391.8	53.5	182.8	18.8	17.4	0.01	2.39	0.03	5.54	0.00	4.99	0.00	0.00	0.00	
559	Live oak	5.3	309.1	42.2	150.8	14.8	14.3	0.01	1.89	0.02	4.57	0.00	4.11	0.00	0.00	0.00	
560	Live oak	7.8	454.3	62.1	207.4	21.8	19.7	0.01	2.78	0.03	6.28	0.00	5.66	0.00	0.00	0.00	
561	Live oak	6.1	356.7	48.7	169.9	17.1	16.1	0.01	2.18	0.02	5.15	0.00	4.63	0.00	0.00	0.00	
562	Live oak	9.8	570.7	78.0	278.0	27.3	26.4	0.01	3.49	0.04	8.42	0.00	7.59	0.00	0.00	0.00	
563	Live oak	6.5	380.1	51.9	180.1	18.2	17.1	0.01	2.32	0.03	5.46	0.00	4.91	0.00	0.00	0.00	
564	Live oak	7.9	462.9	63.2	213.8	22.2	20.3	0.01	2.83	0.03	6.48	0.00	5.83	0.00	0.00	0.00	
565	Live oak	5.8	342.1	46.7	163.0	16.4	15.5	0.01	2.09	0.02	4.94	0.00	4.45	0.00	0.00	0.00	
566	Live oak	8.0	468.9	64.1	221.3	22.5	21.0	0.01	2.86	0.03	6.70	0.00	6.04	0.00	0.00	0.00	
567	Live oak	8.5	497.7	68.0	243.0	23.8	23.1	0.01	3.04	0.03	7.36	0.00	6.63	0.00	0.00	0.00	
568	Live oak	8.5	497.7	68.0	243.0	23.8	23.1	0.01	3.04	0.03	7.36	0.00	6.63	0.00	0.00	0.00	
569	Live oak	9.2	537.5	73.4	255.8	25.7	24.3	0.01	3.28	0.04	7.75	0.00	6.98	0.00	0.00	0.00	
570	Live oak	6.5	379.1	51.8	181.3	18.2	17.2	0.01	2.32	0.03	5.49	0.00	4.95	0.00	0.00	0.00	
571	Live oak	9.6	559.7	76.5	274.0	26.8	26.0	0.01	3.42	0.04	8.30	0.00	7.47	0.00	0.00	0.00	
572	Live oak	9.7	565.0	77.2	265.9	27.1	25.3	0.01	3.45	0.04	8.05	0.00	7.25	0.00	0.00	0.00	
573	Live oak	7.2	423.0	57.8	195.9	20.3	18.6	0.01	2.58	0.03	5.93	0.00	5.34	0.00	0.00	0.00	
574	Live oak	7.0	410.6	56.1	189.7	19.7	18.0	0.01	2.51	0.03	5.75	0.00	5.18	0.00	0.00	0.00	
575	Live oak	11.3	659.4	90.1	328.4	31.6	31.2	0.01	4.03	0.05	9.95	0.00	8.96	0.00	0.00	0.00	
576	Live oak	11.5	674.1	92.1	338.6	32.3	32.2	0.01	4.12	0.05	10.26	0.00	9.24	0.00	0.00	0.00	
577	Live oak	9.8	575.9	78.7	266.1	27.6	25.3	0.01	3.52	0.04	8.06	0.00	7.26	0.00	0.00	0.00	
578	Live oak	11.3	659.4	90.1	328.4	31.6	31.2	0.01	4.03	0.05	9.95	0.00	8.96	0.00	0.00	0.00	
579	Live oak	10.3	605.0	82.7	290.7	29.0	27.6	0.01	3.70	0.04	8.80	0.00	7.93	0.00	0.00	0.00	
580	Live oak	7.5	441.4	60.3	211.1	21.1	20.1	0.01	2.70	0.03	6.39	0.00	5.76	0.00	0.00	0.00	
581	Live oak	4.9	285.7	39.0	145.4	13.7	13.8	0.01	1.75	0.02	4.40	0.00	3.97	0.00	0.00	0.00	
582	Live oak	9.7	569.5	77.8	271.4	27.4	25.8	0.01	3.48	0.04	8.22	0.00	7.40	0.00	0.00	0.00	
583	Live oak	11.0	641.5	87.7	304.1	30.7	28.9	0.01	3.92	0.04	9.21	0.00	8.30	0.00	0.00	0.00	
584	Live oak	10.9	638.9	87.3	307.4	30.6	29.2	0.01	3.90	0.04	9.31	0.00	8.39	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
585	Liveoak	10.9	638.9	87.3	307.4	30.6	29.2	0.01	3.90	0.04	9.31	0.00	8.39	0.00	0.00	0.00	
586	Coconut palm	4.8	279.6	38.2	154.6	13.4	14.7	0.01	1.71	0.02	4.68	0.00	4.22	753.43	19.39	772.81	
587	Coconut palm	3.2	187.0	25.6	105.8	9.0	10.1	0.00	1.14	0.01	3.21	0.00	2.89	503.79	12.96	516.76	
588	Coconut palm	6.3	371.2	50.7	189.6	17.8	18.0	0.01	2.27	0.03	5.74	0.00	5.17	999.99	25.73	1,025.72	
589	Coconut palm	4.0	232.2	31.7	132.7	11.1	12.6	0.00	1.42	0.02	4.02	0.00	3.62	625.54	16.10	641.63	
590	Coconut palm	1.5	89.6	12.2	56.7	4.3	5.4	0.00	0.55	0.01	1.72	0.00	1.55	241.50	6.21	247.71	
591	Coconut palm	4.3	254.3	34.8	141.6	12.2	13.5	0.01	1.55	0.02	4.29	0.00	3.86	685.23	17.63	702.86	
592	Coconut palm	5.8	336.7	46.0	180.9	16.1	17.2	0.01	2.06	0.02	5.48	0.00	4.93	907.19	23.34	930.53	
593	Coconut palm	4.0	232.2	31.7	132.7	11.1	12.6	0.00	1.42	0.02	4.02	0.00	3.62	625.54	16.10	641.63	
594	Coconut palm	0.9	55.2	7.5	38.0	2.6	3.6	0.00	0.34	0.00	1.15	0.00	1.04	148.70	3.83	152.52	
595	Coconut palm	1.6	93.7	12.8	57.6	4.5	5.5	0.00	0.57	0.01	1.75	0.00	1.57	252.53	6.50	259.03	
596	Coconut palm	1.3	75.6	10.3	50.2	3.6	4.8	0.00	0.46	0.01	1.52	0.00	1.37	203.69	5.24	208.93	
597	washingtonia spp	1.0	59.4	8.1	38.2	2.8	3.6	0.00	0.36	0.00	1.16	0.00	1.04	123.15	5.14	128.29	
598	washingtonia spp	1.0	60.6	8.3	40.3	2.9	3.8	0.00	0.37	0.00	1.22	0.00	1.10	125.65	5.25	130.90	
599	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01	
600	washingtonia spp	0.9	52.7	7.2	35.6	2.5	3.4	0.00	0.32	0.00	1.08	0.00	0.97	109.35	4.57	113.92	
601	washingtonia spp	1.5	86.3	11.8	57.6	4.1	5.5	0.00	0.53	0.01	1.75	0.00	1.57	179.01	7.48	186.48	
602	washingtonia spp	2.5	147.4	20.1	93.4	7.1	8.9	0.00	0.90	0.01	2.83	0.00	2.55	305.78	12.77	318.55	
603	Coconut palm	3.4	200.6	27.4	116.8	9.6	11.1	0.00	1.23	0.01	3.54	0.00	3.19	540.33	13.90	554.24	
604	Coconut palm	4.6	268.2	36.6	151.9	12.8	14.4	0.01	1.64	0.02	4.60	0.00	4.14	722.50	18.59	741.09	
605	Coconut palm	4.8	281.1	38.4	159.2	13.5	15.1	0.01	1.72	0.02	4.82	0.00	4.34	757.41	19.49	776.90	
606	Coconut palm	2.5	146.2	20.0	93.1	7.0	8.8	0.00	0.89	0.01	2.82	0.00	2.54	393.81	10.13	403.94	
607	Coconut palm	2.7	160.1	21.9	93.4	7.7	8.9	0.00	0.98	0.01	2.83	0.00	2.55	431.25	11.10	442.35	
608	Coconut palm	4.0	233.4	31.9	134.6	11.2	12.8	0.00	1.43	0.02	4.08	0.00	3.67	628.79	16.18	644.97	
609	Coconut palm	5.5	320.1	43.7	177.2	15.3	16.8	0.01	1.96	0.02	5.37	0.00	4.83	862.33	22.19	884.52	
610	Coconut palm	2.6	150.9	20.6	88.1	7.2	8.4	0.00	0.92	0.01	2.67	0.00	2.40	406.47	10.46	416.93	
611	Coconut palm	5.7	334.9	45.8	188.3	16.0	17.9	0.01	2.05	0.02	5.70	0.00	5.14	902.31	23.22	925.52	
612	Coconut palm	2.7	160.1	21.9	93.4	7.7	8.9	0.00	0.98	0.01	2.83	0.00	2.55	431.25	11.10	442.35	
613	washingtonia spp	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	150.45	6.28	156.73	
614	washingtonia spp	0.8	48.3	6.6	31.9	2.3	3.0	0.00	0.29	0.00	0.97	0.00	0.87	100.16	4.18	104.34	
615	washingtonia spp	1.0	58.4	8.0	36.3	2.8	3.4	0.00	0.36	0.00	1.10	0.00	0.99	121.20	5.06	126.26	
616	washingtonia spp	2.6	153.0	20.9	91.0	7.3	8.7	0.00	0.93	0.01	2.76	0.00	2.48	317.48	13.26	330.74	
617	washingtonia spp	1.3	77.8	10.6	49.0	3.7	4.7	0.00	0.47	0.01	1.48	0.00	1.34	161.32	6.74	168.05	
618	Royal poinciana	2.0	117.4	16.0	159.8	5.6	15.2	0.00	0.72	0.01	4.84	0.00	4.36	1.74	20.35	22.09	
619	Royal poinciana	2.1	122.0	16.7	163.0	5.8	15.5	0.00	0.75	0.01	4.94	0.00	4.45	1.81	21.14	22.95	
620	Royal poinciana	1.9	108.9	14.9	146.4	5.2	13.9	0.00	0.67	0.01	4.43	0.00	3.99	1.61	18.87	20.49	
621	washingtonia spp	2.5	144.7	19.8	84.1	6.9	8.0	0.00	0.88	0.01	2.55	0.00	2.29	300.20	12.54	312.74	
622	washingtonia spp	2.3	136.1	18.6	80.7	6.5	7.7	0.00	0.83	0.01	2.44	0.00	2.20	282.37	11.79	294.17	
623	washingtonia spp	1.3	76.9	10.5	46.9	3.7	4.5	0.00	0.47	0.01	1.42	0.00	1.28	159.64	6.67	166.31	
624	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30	
625	washingtonia spp	1.8	107.8	14.7	67.5	5.2	6.4	0.00	0.66	0.01	2.04	0.00	1.84	223.72	9.34	233.07	
626	washingtonia spp	1.2	71.1	9.7	44.8	3.4	4.3	0.00	0.43	0.00	1.36	0.00	1.22	147.52	6.16	153.69	
627	washingtonia spp	1.4	82.0	11.2	49.5	3.9	4.7	0.00	0.50	0.01	1.55	0.00	1.35	170.23	7.11	177.34	
628	washingtonia spp	1.0	57.5	7.9	39.6	2.8	3.8	0.00	0.35	0.00	1.20	0.00	1.08	119.38	4.99	124.37	
629	washingtonia spp	1.2	70.4	9.6	44.5	3.4	4.2	0.00	0.43	0.00	1.35	0.00	1.21	145.99	6.10	152.09	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
630	washingtonia spp	1.3	76.6	10.5	46.1	3.7	4.4	0.00	0.47	0.01	1.40	0.00	1.26	158.95	6.64	165.59	
631	washingtonia spp	1.8	103.7	14.2	63.6	5.0	6.0	0.00	0.63	0.01	1.93	0.00	1.74	215.09	8.98	224.07	
632	washingtonia spp	3.0	176.9	24.2	102.0	8.5	9.7	0.00	1.08	0.01	3.09	0.00	2.78	367.07	15.33	382.40	
633	washingtonia spp	1.8	106.4	14.5	62.5	4.5	5.2	0.00	0.65	0.01	1.89	0.00	1.70	220.66	9.22	229.88	
634	washingtonia spp	1.6	93.5	12.8	55.2	4.5	5.2	0.00	0.57	0.01	1.67	0.00	1.51	193.91	8.10	202.01	
635	washingtonia spp	1.8	106.5	14.6	61.0	5.1	5.8	0.00	0.65	0.01	1.85	0.00	1.67	220.94	9.23	230.17	
636	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30	
637	washingtonia spp	1.9	113.3	15.5	66.7	5.4	6.3	0.00	0.69	0.01	2.02	0.00	1.82	235.01	9.82	244.82	
638	washingtonia spp	2.6	153.3	20.9	89.3	7.3	8.5	0.00	0.94	0.01	2.71	0.00	2.44	318.03	13.28	331.32	
639	washingtonia spp	2.6	153.0	20.9	91.0	7.3	8.7	0.00	0.93	0.01	2.76	0.00	2.48	317.48	13.26	330.74	
640	Coconut palm	0.6	33.5	4.6	22.5	1.6	2.1	0.00	0.20	0.00	0.68	0.00	0.61	90.27	2.32	92.59	
641	Coconut palm	0.8	47.3	6.5	31.0	2.3	3.0	0.00	0.29	0.00	0.94	0.00	0.85	127.35	3.28	130.63	
642	Coconut palm	0.8	47.3	6.5	31.0	2.3	3.0	0.00	0.29	0.00	0.94	0.00	0.85	127.35	3.28	130.63	
643	washingtonia spp	1.2	70.0	9.6	46.7	3.3	4.4	0.00	0.43	0.00	1.42	0.00	1.28	145.16	6.06	151.22	
644	washingtonia spp	2.8	162.3	22.2	94.7	7.8	9.0	0.00	0.99	0.01	2.87	0.00	2.58	336.70	14.06	350.76	
645	washingtonia spp	2.1	120.9	16.5	73.1	5.8	6.9	0.00	0.74	0.01	2.21	0.00	1.99	250.75	10.47	261.22	
646	washingtonia spp	2.1	120.6	16.5	70.4	5.8	6.7	0.00	0.74	0.01	2.13	0.00	1.92	250.19	10.45	260.64	
647	washingtonia spp	2.8	162.0	22.1	95.5	7.8	9.1	0.00	0.99	0.01	2.89	0.00	2.61	336.14	14.04	350.18	
648	washingtonia spp	2.6	153.1	20.9	90.1	7.3	8.6	0.00	0.94	0.01	2.73	0.00	2.46	317.62	13.27	330.88	
649	washingtonia spp	1.8	106.4	14.5	62.5	5.1	5.9	0.00	0.65	0.01	1.89	0.00	1.70	220.66	9.22	229.88	
650	washingtonia spp	1.9	113.3	15.5	66.7	5.4	6.3	0.00	0.69	0.01	2.02	0.00	1.82	235.01	9.82	244.82	
651	washingtonia spp	2.5	144.4	19.7	85.7	6.9	8.1	0.00	0.88	0.01	2.60	0.00	2.34	299.65	12.51	312.16	
652	washingtonia spp	1.9	113.3	15.5	66.0	5.4	6.3	0.00	0.69	0.01	2.00	0.00	1.80	235.15	9.82	244.97	
653	washingtonia spp	1.6	95.3	13.0	60.3	4.6	5.7	0.00	0.58	0.01	1.83	0.00	1.64	197.67	8.26	205.93	
654	washingtonia spp	2.8	163.3	22.3	93.4	7.8	8.9	0.00	1.00	0.01	2.83	0.00	2.55	338.79	14.15	352.94	
655	washingtonia spp	3.3	195.8	26.8	109.7	9.4	10.4	0.00	1.20	0.01	3.32	0.00	2.99	406.22	16.97	423.18	
656	washingtonia spp	1.8	106.9	14.6	65.2	5.1	6.2	0.00	0.65	0.01	1.98	0.00	1.78	221.77	9.26	231.04	
657	washingtonia spp	2.3	136.1	18.6	80.7	6.5	7.7	0.00	0.83	0.01	2.44	0.00	2.20	282.37	11.79	294.17	
658	washingtonia spp	1.5	88.6	12.1	55.2	4.2	5.2	0.00	0.54	0.01	1.67	0.00	1.51	183.88	7.68	191.56	
659	Coconut palm	1.7	99.0	13.5	64.2	4.7	6.1	0.00	0.60	0.01	1.94	0.00	1.75	266.64	6.86	273.50	
660	Coconut palm	2.0	117.2	16.0	71.5	5.6	6.8	0.00	0.72	0.01	2.17	0.00	1.95	315.66	8.12	323.78	
661	Coconut palm	1.9	112.2	15.3	67.1	5.4	6.4	0.00	0.69	0.01	2.03	0.00	1.83	302.28	7.78	310.05	
662	Cabbage palmetto	3.2	188.9	25.8	116.7	9.0	11.1	0.00	1.15	0.01	3.54	0.00	3.18	391.85	16.37	408.22	
663	washingtonia spp	1.0	60.6	8.3	40.3	2.9	3.8	0.00	0.37	0.00	1.22	0.00	1.10	125.65	5.25	130.90	
664	washingtonia spp	1.0	59.9	8.2	39.2	2.9	3.7	0.00	0.37	0.00	1.19	0.00	1.07	124.26	5.19	129.45	
665	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
666	washingtonia spp	1.0	56.2	7.7	37.4	2.7	3.6	0.00	0.34	0.00	1.13	0.00	1.02	116.60	4.87	121.47	
667	Cabbage palmetto	1.5	89.9	12.3	51.5	4.3	4.9	0.00	0.55	0.01	1.85	0.00	1.66	186.52	7.79	194.31	
668	Cabbage palmetto	1.9	108.8	14.9	61.0	5.2	5.8	0.00	0.66	0.01	1.85	0.00	1.66	225.81	9.43	235.24	
669	Cabbage palmetto	3.4	198.9	27.2	104.3	9.5	9.9	0.00	1.22	0.01	3.25	0.00	2.84	412.75	17.24	429.99	
670	tree anemone spp	0.1	5.7	0.8	8.2	0.3	0.8	0.00	0.03	0.00	0.25	0.00	0.22	0.04	0.14	0.18	
671	tree anemone spp	0.1	5.7	0.8	8.2	0.3	0.8	0.00	0.03	0.00	0.25	0.00	0.22	0.04	0.14	0.18	
672	tree anemone spp	0.1	6.0	0.8	9.9	0.3	0.9	0.00	0.04	0.00	0.30	0.00	0.27	0.04	0.15	0.19	
673	tree anemone spp	0.2	12.0	1.6	18.8	0.6	1.8	0.00	0.07	0.00	0.57	0.00	0.51	0.09	0.29	0.38	
674	tree anemone spp	0.1	8.0	1.1	13.4	0.4	1.3	0.00	0.05	0.00	0.41	0.00	0.37	0.06	0.19	0.25	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)		
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs
675	tree anemone spp	0.2	11.1	1.5	17.9	0.5	1.7	0.00	0.07	0.00	0.54	0.00	0.49	0.08	0.27	0.35
676	tree anemone spp	0.1	7.3	1.0	11.7	0.3	1.1	0.00	0.04	0.00	0.35	0.00	0.32	0.05	0.18	0.23
677	tree anemone spp	0.1	6.7	0.9	10.1	0.3	1.0	0.00	0.04	0.00	0.31	0.00	0.28	0.05	0.16	0.21
678	Live oak	4.4	256.0	35.0	137.7	12.3	13.1	0.01	1.56	0.02	4.17	0.00	3.76	0.00	0.00	0.00
679	Live oak	4.5	261.5	35.7	130.3	12.5	12.4	0.01	1.60	0.02	3.95	0.00	3.55	0.00	0.00	0.00
680	tree anemone spp	0.1	4.3	0.6	6.7	0.2	0.6	0.00	0.03	0.00	0.20	0.00	0.18	0.03	0.10	0.13
681	tree anemone spp	0.1	4.4	0.6	7.3	0.2	0.7	0.00	0.03	0.00	0.22	0.00	0.20	0.03	0.11	0.14
682	washingtonia spp	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	150.45	6.28	156.73
683	washingtonia spp	1.8	102.5	14.0	65.7	4.9	6.2	0.00	0.63	0.01	1.99	0.00	1.79	212.58	8.88	221.46
684	washingtonia spp	1.8	107.8	14.7	67.5	5.2	6.4	0.00	0.66	0.01	2.04	0.00	1.84	223.72	9.34	233.07
685	washingtonia spp	1.0	59.9	8.2	39.2	2.9	3.7	0.00	0.37	0.00	1.19	0.00	1.07	124.26	5.19	129.45
686	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85
687	washingtonia spp	1.2	68.6	9.4	44.4	3.3	4.2	0.00	0.42	0.00	1.34	0.00	1.21	142.37	5.95	148.32
688	washingtonia spp	1.5	90.5	12.4	58.8	4.3	5.6	0.00	0.55	0.01	1.78	0.00	1.60	187.78	7.84	195.63
689	washingtonia spp	1.2	73.1	10.0	46.6	3.5	4.4	0.00	0.45	0.01	1.41	0.00	1.27	151.56	6.33	157.89
690	washingtonia spp	0.9	55.1	7.5	35.3	2.6	3.4	0.00	0.34	0.00	1.07	0.00	0.96	114.37	4.78	119.15
691	washingtonia spp	1.0	58.9	8.0	37.2	2.8	3.5	0.00	0.36	0.00	1.13	0.00	1.02	122.17	5.10	127.27
692	washingtonia spp	0.9	52.7	7.2	35.6	2.5	3.4	0.00	0.32	0.00	1.08	0.00	0.97	109.35	4.57	113.92
693	washingtonia spp	0.9	50.7	6.9	31.8	2.4	3.0	0.00	0.31	0.00	0.96	0.00	0.87	105.18	4.39	109.57
694	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01
695	washingtonia spp	1.9	113.3	15.5	67.6	5.4	6.4	0.00	0.69	0.01	2.05	0.00	1.84	235.15	9.82	244.97
696	washingtonia spp	1.3	76.9	10.5	46.9	3.7	4.5	0.00	0.47	0.01	1.42	0.00	1.28	159.64	6.67	166.31
697	washingtonia spp	1.3	77.8	10.6	49.0	3.7	4.7	0.00	0.47	0.01	1.48	0.00	1.34	161.32	6.74	168.05
698	washingtonia spp	1.7	101.1	13.8	63.2	4.8	6.0	0.00	0.62	0.01	1.91	0.00	1.72	209.79	8.76	218.56
699	washingtonia spp	2.1	120.9	16.5	73.1	5.8	6.9	0.00	0.74	0.01	2.21	0.00	1.99	250.75	10.47	261.22
700	washingtonia spp	2.1	120.8	16.5	69.7	5.8	6.6	0.00	0.74	0.01	2.11	0.00	1.90	250.61	10.47	261.08
701	washingtonia spp	1.1	66.8	9.1	40.5	3.2	3.8	0.00	0.41	0.00	1.23	0.00	1.10	138.61	5.79	144.40
702	washingtonia spp	1.5	87.6	12.0	52.3	4.2	5.0	0.00	0.53	0.01	1.58	0.00	1.43	181.65	7.59	189.24
703	washingtonia spp	1.7	99.9	13.7	60.0	4.8	5.7	0.00	0.61	0.01	1.82	0.00	1.64	207.29	8.66	215.94
704	washingtonia spp	1.4	83.9	11.5	53.7	4.0	5.1	0.00	0.51	0.01	1.63	0.00	1.47	174.13	7.27	181.40
705	washingtonia spp	1.0	58.1	7.9	35.5	2.8	3.4	0.00	0.35	0.00	1.08	0.00	0.97	120.50	5.03	125.53
706	washingtonia spp	1.2	69.9	9.6	43.4	3.3	4.1	0.00	0.43	0.00	1.32	0.00	1.19	145.02	6.06	151.07
707	washingtonia spp	1.8	107.8	14.7	67.5	5.2	6.4	0.00	0.66	0.01	2.04	0.00	1.84	223.72	9.34	233.07
708	washingtonia spp	2.3	136.4	18.6	82.7	6.5	7.9	0.00	0.83	0.01	2.51	0.00	2.26	283.07	11.82	294.89
709	washingtonia spp	1.4	80.4	11.0	48.0	3.9	4.6	0.00	0.49	0.01	1.45	0.00	1.31	166.89	6.97	173.86
710	washingtonia spp	2.9	171.3	23.4	101.2	8.2	9.6	0.00	1.05	0.01	3.06	0.00	2.76	355.51	14.85	370.36
711	washingtonia spp	2.3	136.2	18.6	81.6	6.5	7.8	0.00	0.83	0.01	2.47	0.00	2.23	282.65	11.80	294.46
712	washingtonia spp	1.6	93.4	12.8	54.5	4.5	5.2	0.00	0.57	0.01	1.65	0.00	1.49	193.77	8.09	201.87
713	washingtonia spp	2.5	144.8	19.8	87.9	6.9	8.4	0.00	0.88	0.01	2.66	0.00	2.40	300.34	12.54	312.89
714	washingtonia spp	1.0	56.2	7.7	37.4	2.7	3.6	0.00	0.34	0.00	1.13	0.00	1.02	116.60	4.87	121.47
715	washingtonia spp	2.9	172.2	23.5	105.8	8.2	10.1	0.00	1.05	0.01	3.21	0.00	2.89	357.32	14.92	372.24
716	washingtonia spp	2.5	145.2	19.8	89.1	7.0	8.5	0.00	0.89	0.01	2.70	0.00	2.43	301.18	12.58	313.76
717	washingtonia spp	2.6	153.0	20.9	91.0	7.3	8.7	0.00	0.93	0.01	2.76	0.00	2.48	317.48	13.26	330.74
718	washingtonia spp	1.6	95.9	13.1	61.5	4.6	5.8	0.00	0.59	0.01	1.86	0.00	1.68	199.07	8.31	207.38
719	washingtonia spp	2.3	136.1	18.6	80.7	6.5	7.7	0.00	0.83	0.01	2.44	0.00	2.20	282.37	11.79	294.17

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)		
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs
720	washingtonia spp	1.2	71.4	9.8	46.6	3.4	4.4	0.00	0.44	0.00	1.41	0.00	1.27	148.22	6.19	154.41
721	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01
722	washingtonia spp	1.4	83.3	11.4	52.5	4.0	5.0	0.00	0.51	0.01	1.59	0.00	1.43	172.88	7.22	180.10
723	washingtonia spp	2.4	141.1	19.3	83.2	6.8	7.9	0.00	0.86	0.01	2.52	0.00	2.27	292.68	12.22	304.91
724	washingtonia spp	0.9	52.1	7.1	34.5	2.5	3.3	0.00	0.32	0.00	1.05	0.00	0.94	108.10	4.51	112.62
725	washingtonia spp	0.6	36.1	4.9	24.5	1.7	2.3	0.00	0.22	0.00	0.74	0.00	0.67	74.81	3.12	77.93
726	washingtonia spp	0.9	51.6	7.0	33.6	2.5	3.2	0.00	0.31	0.00	1.02	0.00	0.92	106.99	4.47	111.46
727	Crimson bottlebrush	0.5	26.5	3.6	40.0	1.3	3.8	0.00	0.16	0.00	1.21	0.00	1.09	55.41	0.00	55.41
728	Crimson bottlebrush	0.5	26.5	3.6	40.0	1.3	3.8	0.00	0.16	0.00	1.21	0.00	1.09	55.41	0.00	55.41
729	Crimson bottlebrush	1.5	88.6	12.1	55.2	4.2	5.2	0.00	0.54	0.01	1.67	0.00	1.51	183.88	7.68	191.56
730	washingtonia spp	1.8	107.3	14.7	66.3	5.1	6.3	0.00	0.66	0.01	2.01	0.00	1.81	222.61	9.30	231.91
731	washingtonia spp	1.7	97.7	13.3	64.3	4.7	6.1	0.00	0.60	0.01	1.95	0.00	1.75	202.69	8.47	211.16
732	washingtonia spp	1.4	79.7	10.9	52.5	3.8	5.0	0.00	0.49	0.01	1.59	0.00	1.43	165.36	6.91	172.26
733	washingtonia spp	1.6	94.7	12.9	59.1	4.5	5.6	0.00	0.58	0.01	1.79	0.00	1.61	196.56	8.21	204.77
734	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04
735	washingtonia spp	0.7	38.6	5.3	25.8	1.8	2.4	0.00	0.24	0.00	0.78	0.00	0.70	80.10	3.35	83.45
736	washingtonia spp	0.8	44.2	6.0	28.6	2.1	2.7	0.00	0.27	0.00	0.87	0.00	0.78	91.80	3.83	95.64
737	washingtonia spp	0.7	40.1	5.5	26.5	1.9	2.5	0.00	0.24	0.00	0.80	0.00	0.72	83.17	3.47	86.64
738	washingtonia spp	0.5	29.4	4.0	44.8	1.4	4.3	0.00	0.18	0.00	1.36	0.00	1.22	61.44	0.00	61.44
739	Crimson bottlebrush	0.5	30.3	4.1	45.7	1.4	4.3	0.00	0.18	0.00	1.39	0.00	1.25	63.27	0.00	63.27
740	Crimson bottlebrush	2.5	144.4	19.7	85.7	6.9	8.1	0.00	0.88	0.01	2.60	0.00	2.34	299.65	12.51	312.16
741	washingtonia spp	1.7	101.1	13.8	63.2	4.8	6.0	0.00	0.62	0.01	1.91	0.00	1.72	209.79	8.76	218.56
742	washingtonia spp	5.7	334.0	45.6	169.9	16.0	16.1	0.01	2.04	0.02	5.15	0.00	4.63	600.00	0.00	600.00
743	Live oak	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	150.45	6.28	156.73
744	washingtonia spp	1.2	69.9	9.6	43.4	3.3	4.1	0.00	0.43	0.00	1.32	0.00	1.19	145.02	6.06	151.07
745	washingtonia spp	1.4	81.4	11.1	52.5	3.9	5.0	0.00	0.50	0.01	1.59	0.00	1.43	168.84	7.05	175.89
746	washingtonia spp	1.1	65.1	8.9	43.4	3.1	4.1	0.00	0.40	0.00	1.32	0.00	1.18	135.13	5.64	140.77
747	Live oak	7.3	426.4	58.3	209.2	20.4	19.9	0.01	2.60	0.03	6.34	0.00	5.71	800.00	0.00	800.00
748	Live oak	1.7	96.7	13.2	56.8	4.6	5.4	0.00	0.59	0.01	1.72	0.00	1.55	200.60	8.38	208.98
749	washingtonia spp	2.3	136.4	18.6	79.1	6.5	7.5	0.00	0.83	0.01	2.40	0.00	2.16	282.93	11.82	294.75
750	washingtonia spp	9.8	570.7	78.0	278.0	27.3	26.4	0.01	3.49	0.04	8.42	0.00	7.59	1000.00	0.00	1000.00
751	Live oak	11.1	650.6	88.9	320.6	31.2	30.5	0.01	3.97	0.05	9.71	0.00	8.75	1000.00	0.00	1000.00
752	Live oak	9.8	574.0	78.4	271.1	27.5	25.8	0.01	3.51	0.04	8.21	0.00	7.40	1000.00	0.00	1000.00
753	Live oak	1.5	88.6	12.1	55.2	4.2	5.2	0.00	0.54	0.01	1.67	0.00	1.51	183.88	7.68	191.56
754	washingtonia spp	9.0	524.3	71.6	250.9	25.1	23.9	0.01	3.20	0.04	7.60	0.00	6.85	1000.00	0.00	1000.00
755	Live oak	0.8	47.3	6.5	30.1	2.3	2.9	0.00	0.29	0.00	0.91	0.00	0.82	98.21	4.10	102.31
756	washingtonia spp	0.8	48.3	6.6	31.9	2.3	3.0	0.00	0.29	0.00	0.97	0.00	0.87	100.16	4.18	104.34
757	washingtonia spp	0.7	42.3	5.8	28.9	2.0	2.8	0.00	0.26	0.00	0.88	0.00	0.79	87.76	3.67	91.43
758	washingtonia spp	1.9	113.3	15.5	66.7	5.4	6.3	0.00	0.69	0.01	2.02	0.00	1.82	235.01	9.82	244.82
759	washingtonia spp	1.0	57.5	7.9	39.6	2.8	3.8	0.00	0.35	0.00	1.20	0.00	1.08	119.38	4.99	124.37
760	washingtonia spp	2.5	144.4	19.7	85.7	6.9	8.1	0.00	0.88	0.01	2.60	0.00	2.34	299.65	12.51	312.16
761	washingtonia spp	1.2	68.0	9.3	43.3	4.1	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01
762	washingtonia spp	0.6	37.1	5.1	26.3	1.8	2.5	0.00	0.23	0.00	0.80	0.00	0.72	77.04	3.22	80.25
763	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
765	washingtonia spp	1.5	89.8	12.3	57.5	4.3	5.5	0.00	0.55	0.01	1.74	0.00	1.57	186.25	7.78	194.03	
766	washingtonia spp	2.5	144.5	19.7	86.8	6.9	8.2	0.00	0.88	0.01	2.63	0.00	2.37	299.79	12.52	312.31	
767	washingtonia spp	2.1	120.7	16.5	72.1	5.8	6.9	0.00	0.74	0.01	2.18	0.00	1.97	250.33	10.46	260.79	
768	Cabbage palmetto	3.0	175.7	24.0	106.7	8.4	10.1	0.00	1.07	0.01	3.23	0.00	2.91	364.55	15.23	379.77	
769	washingtonia spp	1.7	100.6	13.8	62.1	4.8	5.9	0.00	0.61	0.01	1.88	0.00	1.69	208.82	8.72	217.54	
770	washingtonia spp	1.4	83.9	11.5	53.7	4.0	5.1	0.00	0.51	0.01	1.63	0.00	1.47	174.13	7.27	181.40	
771	washingtonia spp	1.4	84.6	11.6	54.9	4.1	5.2	0.00	0.52	0.01	1.66	0.00	1.50	175.53	7.33	182.86	
772	washingtonia spp	1.3	77.8	10.6	49.0	3.7	4.7	0.00	0.47	0.01	1.48	0.00	1.34	161.32	6.74	168.05	
773	washingtonia spp	1.7	100.2	13.7	61.0	4.8	5.8	0.00	0.61	0.01	1.85	0.00	1.66	207.98	8.69	216.67	
774	washingtonia spp	1.8	107.8	14.7	67.5	5.2	6.4	0.00	0.66	0.01	2.04	0.00	1.84	223.72	9.34	233.07	
775	washingtonia spp	1.3	75.1	10.3	50.2	3.6	4.8	0.00	0.46	0.01	1.52	0.00	1.37	155.88	6.51	162.39	
776	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
777	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85	
778	Cabbage palmetto	0.8	46.0	6.3	28.9	2.2	2.8	0.00	0.28	0.00	0.88	0.00	0.79	95.42	3.99	99.41	
779	Live oak	11.0	642.9	87.8	311.0	30.8	29.6	0.01	3.93	0.04	9.42	0.00	8.48	0.00	0.00	0.00	
780	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01	
781	washingtonia spp	0.8	49.6	6.8	31.9	2.4	3.0	0.00	0.30	0.00	0.96	0.00	0.87	102.81	4.29	107.10	
782	Live oak	10.4	609.7	83.3	305.5	29.2	29.0	0.01	3.72	0.04	9.25	0.00	8.33	0.00	0.00	0.00	
783	Live oak	10.3	601.8	82.2	302.6	28.8	28.8	0.01	3.68	0.04	9.17	0.00	8.26	0.00	0.00	0.00	
784	Live oak	9.9	579.2	79.1	271.1	27.7	25.8	0.01	3.54	0.04	8.21	0.00	7.40	0.00	0.00	0.00	
785	Live oak	11.0	641.5	87.7	304.1	30.7	28.9	0.01	3.92	0.04	9.21	0.00	8.30	0.00	0.00	0.00	
786	Live oak	10.6	622.3	85.0	303.4	29.8	28.8	0.01	3.80	0.04	9.19	0.00	8.28	0.00	0.00	0.00	
787	Live oak	9.7	569.5	77.8	271.4	27.3	25.8	0.01	3.48	0.04	8.22	0.00	7.40	0.00	0.00	0.00	
788	Live oak	10.1	589.3	80.5	287.0	28.2	27.3	0.01	3.60	0.04	8.69	0.00	7.83	0.00	0.00	0.00	
789	Live oak	9.1	535.3	73.1	249.3	25.6	23.7	0.01	3.27	0.04	7.55	0.00	6.80	0.00	0.00	0.00	
790	Live oak	11.0	646.1	88.3	314.4	30.9	29.9	0.01	3.95	0.04	9.52	0.00	8.58	0.00	0.00	0.00	
791	Live oak	8.5	494.8	67.6	232.5	23.7	22.1	0.01	3.02	0.03	7.04	0.00	6.34	0.00	0.00	0.00	
792	washingtonia spp	2.3	137.2	18.8	77.9	6.6	7.4	0.00	0.84	0.01	2.36	0.00	2.13	284.74	11.89	296.63	
793	washingtonia spp	2.3	137.2	18.8	77.9	6.6	7.4	0.00	0.84	0.01	2.36	0.00	2.13	284.74	11.89	296.63	
794	Live oak	10.7	627.1	85.7	318.9	30.0	30.3	0.01	3.83	0.04	9.66	0.00	8.70	0.00	0.00	0.00	
795	Live oak	10.1	593.4	81.1	286.4	28.4	27.2	0.01	3.62	0.04	8.67	0.00	7.81	0.00	0.00	0.00	
796	Live oak	10.3	604.6	82.6	308.2	28.9	29.3	0.01	3.69	0.04	9.34	0.00	8.41	0.00	0.00	0.00	
797	Live oak	10.3	601.8	82.2	302.6	28.8	28.8	0.01	3.68	0.04	9.17	0.00	8.26	0.00	0.00	0.00	
798	Live oak	10.8	629.1	86.0	299.5	30.1	28.5	0.01	3.84	0.04	9.07	0.00	8.17	0.00	0.00	0.00	
799	Live oak	9.5	556.7	76.1	266.7	26.7	25.4	0.01	3.40	0.04	8.08	0.00	7.28	0.00	0.00	0.00	
800	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
801	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85	
802	Live oak	7.9	465.0	63.5	223.5	22.3	21.2	0.01	2.84	0.03	6.77	0.00	6.10	0.00	0.00	0.00	
803	Live oak	7.9	459.7	62.8	214.4	22.0	20.4	0.01	2.81	0.03	6.49	0.00	5.85	0.00	0.00	0.00	
804	Live oak	10.1	593.8	81.1	276.5	28.4	26.3	0.01	3.63	0.04	8.37	0.00	7.54	0.00	0.00	0.00	
805	Live oak	9.2	537.5	73.4	255.8	25.7	24.3	0.01	3.28	0.04	7.75	0.00	6.98	0.00	0.00	0.00	
806	Live oak	6.7	391.4	53.5	187.6	18.7	17.8	0.01	2.39	0.03	5.68	0.00	5.12	0.00	0.00	0.00	
807	Live oak	5.9	347.9	47.5	159.2	16.7	15.1	0.01	2.12	0.02	4.82	0.00	4.34	0.00	0.00	0.00	
808	Live oak	8.0	470.8	64.3	213.5	22.5	20.3	0.01	2.88	0.03	6.47	0.00	5.82	0.00	0.00	0.00	
809	Live oak	9.2	540.1	73.8	249.2	25.9	23.7	0.01	3.30	0.04	7.55	0.00	6.80	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
810	Live oak	10.8	629.1	86.0	299.5	30.1	28.5	0.01	3.84	0.04	9.07	0.00	8.17	0.00	0.00	0.00	
811	Live oak	11.0	646.1	88.3	314.4	30.9	29.9	0.01	3.95	0.04	9.52	0.00	8.58	0.00	0.00	0.00	
812	Live oak	11.4	666.0	91.0	321.7	31.9	30.6	0.01	4.07	0.05	9.74	0.00	8.78	0.00	0.00	0.00	
813	Live oak	10.8	630.5	86.2	327.5	30.2	31.1	0.01	3.85	0.04	9.92	0.00	8.93	0.00	0.00	0.00	
814	Live oak	10.6	622.3	85.0	324.5	29.8	30.8	0.01	3.80	0.04	9.83	0.00	8.85	0.00	0.00	0.00	
815	Live oak	10.7	626.4	85.6	326.0	30.0	31.0	0.01	3.83	0.04	9.87	0.00	8.89	0.00	0.00	0.00	
816	Live oak	11.1	650.1	88.8	311.5	31.1	29.6	0.01	3.97	0.05	9.44	0.00	8.50	0.00	0.00	0.00	
817	Live oak	9.7	565.6	77.3	272.0	27.1	25.9	0.01	3.46	0.04	8.24	0.00	7.42	0.00	0.00	0.00	
818	Live oak	7.9	463.9	63.4	224.9	22.2	21.4	0.01	2.83	0.03	6.81	0.00	6.13	0.00	0.00	0.00	
819	Live oak	7.3	429.3	58.7	204.9	20.6	19.5	0.01	2.62	0.03	6.21	0.00	5.59	0.00	0.00	0.00	
820	Coconut palm	1.4	81.6	11.1	50.2	3.9	4.8	0.00	0.50	0.01	1.52	0.00	1.37	219.79	5.66	225.44	
821	Coconut palm	3.4	196.9	26.9	110.4	9.4	10.5	0.00	1.20	0.01	3.34	0.00	3.01	530.57	13.65	544.22	
822	Coconut palm	4.8	279.6	38.2	154.6	13.4	14.7	0.01	1.71	0.02	4.68	0.00	4.22	753.43	19.39	772.81	
823	Coconut palm	4.8	280.3	38.3	157.5	13.4	15.0	0.01	1.71	0.02	4.77	0.00	4.30	755.24	19.43	774.67	
824	Coconut palm	3.6	207.8	28.4	116.6	9.9	11.1	0.00	1.27	0.01	3.53	0.00	3.18	559.87	14.41	574.28	
825	Coconut palm	3.2	187.7	25.7	107.3	9.0	10.2	0.00	1.15	0.01	3.25	0.00	2.93	505.78	13.01	518.80	
826	Coconut palm	5.0	292.9	40.0	160.7	14.0	15.3	0.01	1.79	0.02	4.87	0.00	4.38	789.25	20.31	809.55	
827	Coconut palm	1.7	101.5	13.9	63.2	4.9	6.0	0.00	0.62	0.01	1.92	0.00	1.72	273.33	7.03	280.37	
828	Coconut palm	1.3	76.9	10.5	48.0	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	207.13	5.33	212.45	
829	Coconut palm	0.6	36.6	5.0	23.3	1.8	2.2	0.00	0.22	0.00	0.71	0.00	0.64	98.59	2.54	101.12	
830	Live oak	6.8	400.8	54.8	183.0	19.2	17.4	0.01	2.45	0.03	5.54	0.00	4.99	0.00	0.00	0.00	
831	washingtonia spp	1.6	93.9	12.8	57.0	4.5	5.4	0.00	0.57	0.01	1.73	0.00	1.56	194.75	8.13	202.88	
832	washingtonia spp	2.1	121.2	16.6	74.1	5.8	7.0	0.00	0.74	0.01	2.25	0.00	2.02	251.45	10.50	261.95	
833	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07	
834	washingtonia spp	1.7	99.8	13.6	59.2	4.8	5.6	0.00	0.61	0.01	1.79	0.00	1.61	207.01	8.65	215.65	
835	washingtonia spp	1.1	62.8	8.6	39.2	3.0	3.7	0.00	0.38	0.00	1.19	0.00	1.07	130.39	5.45	135.84	
836	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01	
837	washingtonia spp	1.4	84.6	11.6	54.9	4.1	5.2	0.00	0.52	0.01	1.66	0.00	1.50	175.53	7.33	182.86	
838	washingtonia spp	1.1	66.7	9.1	46.0	3.2	4.4	0.00	0.41	0.00	1.39	0.00	1.25	138.47	5.78	144.25	
839	washingtonia spp	0.9	51.1	7.0	32.6	2.4	3.1	0.00	0.31	0.00	0.99	0.00	0.89	106.01	4.43	110.44	
840	washingtonia spp	1.5	89.2	12.2	56.3	4.3	5.4	0.00	0.54	0.01	1.71	0.00	1.54	185.00	7.73	192.72	
841	washingtonia spp	0.9	53.4	7.3	36.8	2.6	3.5	0.00	0.33	0.00	1.11	0.00	1.00	110.75	4.63	115.37	
842	washingtonia spp	0.9	55.1	7.5	35.3	2.6	3.4	0.00	0.34	0.00	1.07	0.00	0.96	114.37	4.78	119.15	
843	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.01	1.31	0.00	1.18	141.12	5.89	147.01	
844	washingtonia spp	1.6	93.4	12.8	53.8	4.5	5.1	0.00	0.57	0.01	1.63	0.00	1.47	193.77	8.09	201.87	
845	washingtonia spp	2.3	136.7	18.7	78.4	6.5	7.5	0.00	0.84	0.01	2.38	0.00	2.14	283.63	11.85	295.47	
846	washingtonia spp	1.3	75.5	10.3	46.2	3.6	4.4	0.00	0.46	0.01	1.40	0.00	1.26	156.58	6.54	163.12	
847	Live oak	9.6	560.5	76.6	260.4	26.8	24.8	0.01	3.42	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
848	washingtonia spp	1.3	79.0	10.8	51.2	3.8	4.9	0.00	0.48	0.01	1.55	0.00	1.40	163.82	6.84	170.67	
849	washingtonia spp	1.4	83.9	11.5	53.7	4.0	5.1	0.00	0.51	0.01	1.63	0.00	1.47	174.13	7.27	181.40	
850	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85	
851	washingtonia spp	1.0	56.9	7.8	38.5	2.7	3.7	0.00	0.35	0.00	1.17	0.00	1.05	117.99	4.93	122.92	
852	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30	
853	washingtonia spp	2.2	128.8	17.6	78.9	6.2	7.5	0.00	0.79	0.01	2.39	0.00	2.15	267.33	11.16	278.49	
854	Live oak	7.6	445.0	60.8	209.0	21.3	19.9	0.01	2.72	0.03	6.33	0.00	5.70	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
855	Live oak	6.5	381.4	52.1	179.0	18.3	17.0	0.01	2.33	0.03	5.42	0.00	4.88	0.00	0.00	0.00	
856	Live oak	9.5	553.5	75.6	267.6	26.5	25.4	0.01	3.38	0.04	8.10	0.00	7.30	0.00	0.00	0.00	
857	Live oak	10.3	602.0	82.3	281.4	28.8	26.8	0.01	3.68	0.04	8.52	0.00	7.68	0.00	0.00	0.00	
858	Live oak	8.0	466.6	63.8	213.5	22.3	20.3	0.01	2.85	0.03	6.47	0.00	5.82	0.00	0.00	0.00	
859	Live oak	9.3	541.6	74.0	263.2	25.9	25.0	0.01	3.31	0.04	7.97	0.00	7.18	0.00	0.00	0.00	
860	Live oak	10.5	616.7	84.3	290.8	29.5	27.6	0.01	3.77	0.04	8.81	0.00	7.93	0.00	0.00	0.00	
861	Live oak	8.5	494.8	67.6	232.5	23.7	22.1	0.01	3.02	0.03	7.04	0.00	6.34	0.00	0.00	0.00	
862	Live oak	10.9	639.7	87.4	314.3	30.6	29.9	0.01	3.91	0.04	9.52	0.00	8.57	0.00	0.00	0.00	
863	Live oak	11.3	661.4	90.4	315.7	31.7	30.0	0.01	4.04	0.05	9.56	0.00	8.61	0.00	0.00	0.00	
864	Live oak	9.6	560.5	76.6	260.4	26.8	24.8	0.01	3.42	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
865	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
866	Live oak	10.5	612.7	83.7	341.7	29.3	32.5	0.01	3.74	0.04	10.35	0.00	9.32	0.00	0.00	0.00	
867	Live oak	10.4	611.2	83.5	317.9	29.3	30.2	0.01	3.73	0.04	9.63	0.00	8.67	0.00	0.00	0.00	
868	Live oak	10.7	625.8	85.5	333.2	30.0	31.7	0.01	3.82	0.04	10.09	0.00	9.09	0.00	0.00	0.00	
869	Live oak	9.6	563.7	77.0	284.0	27.0	27.0	0.01	3.44	0.04	8.60	0.00	7.75	0.00	0.00	0.00	
870	Live oak	10.3	603.7	82.5	344.0	28.9	32.7	0.01	3.69	0.04	10.42	0.00	9.38	0.00	0.00	0.00	
871	Live oak	11.2	657.9	89.9	321.0	31.5	30.5	0.01	4.02	0.05	9.72	0.00	8.76	0.00	0.00	0.00	
872	Live oak	10.9	636.4	87.0	317.7	30.5	30.2	0.01	3.89	0.04	9.62	0.00	8.67	0.00	0.00	0.00	
873	Live oak	10.5	613.2	83.8	304.5	29.4	28.9	0.01	3.75	0.04	9.22	0.00	8.31	0.00	0.00	0.00	
874	Live oak	9.4	547.5	74.8	271.6	26.2	25.8	0.01	3.34	0.04	8.23	0.00	7.41	0.00	0.00	0.00	
875	Live oak	7.7	451.7	61.7	224.2	21.6	21.3	0.01	2.76	0.03	6.79	0.00	6.12	0.00	0.00	0.00	
876	Live oak	9.0	527.4	72.1	250.1	25.3	23.8	0.01	3.22	0.04	7.58	0.00	6.82	0.00	0.00	0.00	
877	Live oak	9.0	529.3	72.3	243.5	25.3	23.1	0.01	3.23	0.04	7.38	0.00	6.64	0.00	0.00	0.00	
878	Live oak	7.2	421.5	57.6	183.5	20.2	17.4	0.01	2.57	0.03	5.56	0.00	5.01	0.00	0.00	0.00	
879	Live oak	6.8	395.7	54.1	184.3	18.9	17.5	0.01	2.42	0.03	5.58	0.00	5.03	0.00	0.00	0.00	
880	Live oak	7.4	430.9	58.9	203.7	20.6	19.4	0.01	2.63	0.03	6.17	0.00	5.56	0.00	0.00	0.00	
881	Live oak	4.7	274.0	37.4	139.5	13.1	13.3	0.01	1.67	0.02	4.22	0.00	3.81	0.00	0.00	0.00	
882	Live oak	4.4	259.4	35.4	128.0	12.4	12.2	0.01	1.58	0.02	3.88	0.00	3.49	0.00	0.00	0.00	
883	Live oak	6.6	383.2	52.4	178.1	18.3	16.9	0.01	2.34	0.03	5.39	0.00	4.86	0.00	0.00	0.00	
884	Live oak	9.7	570.1	77.9	265.8	27.3	25.3	0.01	3.48	0.04	8.05	0.00	7.25	0.00	0.00	0.00	
885	Live oak	9.4	551.1	75.3	260.8	26.4	24.8	0.01	3.37	0.04	7.90	0.00	7.11	0.00	0.00	0.00	
886	Live oak	8.6	502.2	68.6	231.7	24.0	22.0	0.01	3.07	0.03	7.02	0.00	6.32	0.00	0.00	0.00	
887	Live oak	7.2	420.6	57.5	196.6	20.1	18.7	0.01	2.57	0.03	5.95	0.00	5.36	0.00	0.00	0.00	
888	Live oak	8.3	483.4	66.0	226.6	23.1	21.5	0.01	2.95	0.03	6.86	0.00	6.18	0.00	0.00	0.00	
889	Live oak	7.7	452.1	61.8	218.7	21.6	20.8	0.01	2.76	0.03	6.62	0.00	5.97	0.00	0.00	0.00	
890	Live oak	7.9	463.2	63.3	226.5	22.2	21.5	0.01	2.83	0.03	6.86	0.00	6.18	0.00	0.00	0.00	
891	Live oak	7.7	452.1	61.8	218.7	21.6	20.8	0.01	2.76	0.03	6.62	0.00	5.97	0.00	0.00	0.00	
892	Live oak	8.3	488.3	66.7	247.7	23.4	23.5	0.01	2.98	0.03	7.50	0.00	6.76	0.00	0.00	0.00	
893	Live oak	9.0	528.1	72.2	270.9	25.3	25.8	0.01	3.23	0.04	8.21	0.00	7.39	0.00	0.00	0.00	
894	Live oak	9.5	556.3	76.0	277.0	26.6	26.3	0.01	3.40	0.04	8.39	0.00	7.56	0.00	0.00	0.00	
895	Live oak	9.2	538.3	73.5	266.1	25.8	25.3	0.01	3.29	0.04	8.06	0.00	7.26	0.00	0.00	0.00	
896	Live oak	8.8	516.9	70.6	244.4	24.7	23.2	0.01	3.16	0.04	7.40	0.00	6.67	0.00	0.00	0.00	
897	Live oak	8.5	500.0	68.3	225.8	23.9	21.5	0.01	3.03	0.03	6.84	0.00	6.16	0.00	0.00	0.00	
898	Live oak	10.3	600.5	82.0	277.0	28.7	26.3	0.01	3.67	0.04	8.39	0.00	7.56	0.00	0.00	0.00	
899	Live oak	7.9	459.7	62.8	214.4	22.0	20.4	0.01	2.81	0.03	6.49	0.00	5.85	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
900	Live oak	8.9	520.4	71.1	243.8	24.9	23.2	0.01	3.18	0.04	7.39	0.00	6.65	0.00	0.00	0.00	
901	Live oak	7.2	420.6	57.5	196.6	20.1	18.7	0.01	2.57	0.03	5.95	0.00	5.36	0.00	0.00	0.00	
902	Live oak	9.0	527.4	72.1	250.1	25.3	23.8	0.01	3.22	0.04	7.38	0.00	6.82	0.00	0.00	0.00	
903	Live oak	9.5	556.7	76.1	266.7	26.4	25.4	0.01	3.40	0.04	8.08	0.00	7.28	0.00	0.00	0.00	
904	Live oak	9.8	572.3	78.2	287.2	27.4	27.3	0.01	3.50	0.04	8.70	0.00	7.83	0.00	0.00	0.00	
905	Live oak	9.8	572.3	78.2	287.2	27.4	27.3	0.01	3.50	0.04	8.70	0.00	7.83	0.00	0.00	0.00	
906	Live oak	7.9	463.2	63.3	226.5	22.2	21.5	0.01	2.83	0.03	6.86	0.00	6.18	0.00	0.00	0.00	
907	Live oak	6.9	404.1	55.2	201.0	19.3	19.1	0.01	2.47	0.03	6.09	0.00	5.48	0.00	0.00	0.00	
908	Live oak	9.9	581.0	79.4	290.4	27.8	27.6	0.01	3.55	0.04	8.80	0.00	7.92	0.00	0.00	0.00	
909	Live oak	9.3	543.4	74.3	281.2	26.0	26.7	0.01	3.32	0.04	8.52	0.00	7.67	0.00	0.00	0.00	
910	Live oak	10.6	617.6	84.4	330.2	29.6	31.4	0.01	3.77	0.04	10.00	0.00	9.01	0.00	0.00	0.00	
911	Live oak	10.4	611.2	83.5	310.7	29.3	29.5	0.01	3.73	0.04	9.41	0.00	8.48	0.00	0.00	0.00	
912	Live oak	10.7	626.7	85.6	331.0	30.0	31.5	0.01	3.83	0.04	10.03	0.00	9.03	0.00	0.00	0.00	
913	Live oak	10.9	638.9	87.3	307.4	30.6	29.2	0.01	3.90	0.04	9.31	0.00	8.39	0.00	0.00	0.00	
914	Live oak	11.0	646.1	88.3	314.4	30.9	29.9	0.01	3.95	0.04	9.52	0.00	8.58	0.00	0.00	0.00	
915	Live oak	11.0	644.0	88.0	320.5	30.8	30.5	0.01	3.93	0.04	9.71	0.00	8.74	0.00	0.00	0.00	
916	Live oak	11.0	641.5	87.7	304.1	30.7	28.9	0.01	3.92	0.04	9.21	0.00	8.30	0.00	0.00	0.00	
917	Live oak	11.0	644.0	88.0	300.9	30.8	28.6	0.01	3.93	0.04	9.11	0.00	8.21	0.00	0.00	0.00	
918	Live oak	10.1	590.6	80.7	281.2	28.3	26.7	0.01	3.61	0.04	8.52	0.00	7.67	0.00	0.00	0.00	
919	Live oak	8.7	508.3	69.5	248.9	24.3	23.7	0.01	3.11	0.04	7.54	0.00	6.79	0.00	0.00	0.00	
920	Live oak	6.9	406.3	55.5	191.3	19.5	18.2	0.01	2.48	0.03	5.80	0.00	5.22	0.00	0.00	0.00	
921	Live oak	6.9	406.3	55.5	191.3	19.5	18.2	0.01	2.48	0.03	5.80	0.00	5.22	0.00	0.00	0.00	
922	Live oak	8.5	500.0	68.3	225.8	23.9	21.5	0.01	3.05	0.03	6.84	0.00	6.16	0.00	0.00	0.00	
923	Live oak	9.1	535.3	73.1	249.3	25.6	23.7	0.01	3.27	0.04	7.55	0.00	6.80	0.00	0.00	0.00	
924	Live oak	9.1	531.0	72.6	249.6	25.4	23.7	0.01	3.24	0.04	7.56	0.00	6.81	0.00	0.00	0.00	
925	Live oak	9.4	551.1	75.3	260.8	26.4	24.8	0.01	3.37	0.04	7.90	0.00	7.11	0.00	0.00	0.00	
926	Live oak	7.2	420.6	57.5	196.6	20.1	18.7	0.01	2.57	0.03	5.95	0.00	5.36	0.00	0.00	0.00	
927	Live oak	9.0	527.4	72.1	250.1	25.3	23.8	0.01	3.22	0.04	7.58	0.00	6.82	0.00	0.00	0.00	
928	Live oak	8.1	474.9	64.9	219.9	22.7	20.9	0.01	2.90	0.03	6.66	0.00	6.00	0.00	0.00	0.00	
929	Live oak	7.6	445.0	60.8	209.0	21.3	19.9	0.01	2.72	0.03	6.33	0.00	5.70	0.00	0.00	0.00	
930	Live oak	8.9	520.4	71.1	243.8	24.9	23.2	0.01	3.18	0.04	7.39	0.00	6.65	0.00	0.00	0.00	
931	Live oak	8.7	509.6	69.6	247.4	24.4	23.5	0.01	3.11	0.04	7.50	0.00	6.75	0.00	0.00	0.00	
932	Live oak	7.5	441.4	60.3	211.1	21.1	20.1	0.01	2.70	0.03	6.39	0.00	5.76	0.00	0.00	0.00	
933	Live oak	8.7	511.5	69.9	246.2	24.5	23.4	0.01	3.12	0.04	7.46	0.00	6.72	0.00	0.00	0.00	
934	Live oak	7.4	432.9	59.1	202.8	20.7	19.3	0.01	2.64	0.03	6.14	0.00	5.53	0.00	0.00	0.00	
935	Live oak	9.1	534.5	73.0	256.6	25.6	24.4	0.01	3.26	0.04	7.77	0.00	7.00	0.00	0.00	0.00	
936	Live oak	8.0	466.6	63.8	213.5	22.3	20.3	0.01	2.85	0.03	6.47	0.00	5.82	0.00	0.00	0.00	
937	Live oak	9.3	541.2	74.0	255.2	25.9	24.3	0.01	3.31	0.04	7.73	0.00	6.96	0.00	0.00	0.00	
938	Live oak	9.4	551.1	75.3	260.8	26.4	24.8	0.01	3.37	0.04	7.90	0.00	7.11	0.00	0.00	0.00	
939	Coconut palm	2.2	131.5	18.0	81.4	6.3	7.7	0.00	0.80	0.01	2.47	0.00	2.22	0.00	0.00	0.00	
940	Coconut palm	2.1	122.1	16.7	74.8	5.8	7.1	0.00	0.75	0.01	2.27	0.00	2.04	0.00	0.00	0.00	
941	Coconut palm	2.1	122.1	16.7	74.8	5.8	7.1	0.00	0.75	0.01	2.27	0.00	2.04	0.00	0.00	0.00	
942	Coconut palm	2.1	122.1	16.7	74.8	5.8	7.1	0.00	0.75	0.01	2.27	0.00	2.04	0.00	0.00	0.00	
943	Coconut palm	5.7	334.2	45.7	183.7	16.0	17.5	0.01	2.04	0.02	5.56	0.00	5.01	0.00	0.00	0.00	
944	Coconut palm	4.6	266.9	36.5	148.7	12.8	14.1	0.01	1.63	0.02	4.50	0.00	4.06	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
945	Coconut palm	3.0	176.0	24.1	97.6	8.4	9.3	0.00	1.08	0.01	2.96	0.00	2.66	474.31	12.20	486.51	
946	Coconut palm	4.4	255.3	34.9	137.3	12.2	13.0	0.01	1.56	0.02	4.16	0.00	3.74	687.76	17.70	705.46	
947	Coconut palm	1.0	61.1	8.3	43.6	2.9	4.1	0.00	0.37	0.00	1.32	0.00	1.19	164.61	4.24	168.85	
948	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
949	Coconut palm	2.1	124.1	17.0	70.7	5.9	6.7	0.00	0.76	0.01	2.14	0.00	1.93	334.48	8.61	343.08	
950	Coconut palm	2.4	140.5	19.2	80.2	6.7	7.6	0.00	0.86	0.01	2.43	0.00	2.19	378.43	9.74	388.17	
951	Coconut palm	4.2	245.4	33.5	141.5	11.7	13.4	0.01	1.50	0.02	4.28	0.00	3.86	661.17	17.01	678.18	
952	Coconut palm	5.3	307.9	42.1	174.4	14.7	16.6	0.01	1.88	0.02	5.28	0.00	4.76	829.59	21.35	850.93	
953	Coconut palm	3.4	199.3	27.2	115.0	9.5	10.9	0.00	1.22	0.01	3.48	0.00	3.14	536.90	13.81	550.71	
954	Coconut palm	2.6	151.9	20.8	89.7	7.3	8.5	0.00	0.93	0.01	2.72	0.00	2.45	409.37	10.53	419.90	
955	Coconut palm	3.3	192.8	26.3	114.6	9.2	10.9	0.00	1.18	0.01	3.47	0.00	3.13	519.35	13.36	532.71	
956	Coconut palm	2.6	150.9	20.6	88.1	7.2	8.4	0.00	0.92	0.01	2.67	0.00	2.40	406.47	10.46	416.93	
957	Coconut palm	1.7	101.9	13.9	57.0	4.9	5.4	0.00	0.62	0.01	1.73	0.00	1.56	274.60	7.07	281.66	
958	Coconut palm	1.3	78.8	10.8	45.5	3.8	4.3	0.00	0.48	0.01	1.38	0.00	1.24	212.19	5.46	217.65	
959	Coconut palm	4.8	279.7	38.2	153.3	13.4	14.6	0.01	1.71	0.02	4.64	0.00	4.18	753.61	19.39	773.00	
960	Coconut palm	3.8	221.6	30.3	127.9	10.6	12.2	0.00	1.35	0.02	3.87	0.00	3.49	597.14	15.36	612.50	
961	Coconut palm	3.1	179.5	24.5	104.8	8.6	10.0	0.00	1.10	0.01	3.17	0.00	2.86	483.71	12.45	496.16	
962	Coconut palm	3.6	211.6	28.9	123.2	10.1	11.7	0.00	1.29	0.01	3.73	0.00	3.36	570.00	14.67	584.67	
963	Coconut palm	2.7	160.1	21.9	93.4	7.7	8.9	0.00	0.98	0.01	2.83	0.00	2.55	431.25	11.10	442.35	
964	Coconut palm	2.2	127.8	17.5	85.9	6.1	8.2	0.00	0.78	0.01	2.36	0.00	2.34	344.24	8.86	353.10	
965	Coconut palm	1.8	104.8	14.3	78.0	5.0	7.4	0.00	0.64	0.01	2.60	0.00	2.13	282.38	7.27	289.64	
966	Coconut palm	2.4	143.1	19.6	84.5	6.9	8.0	0.00	0.87	0.01	2.56	0.00	2.31	385.49	9.92	395.41	
967	Coconut palm	5.3	309.2	42.2	176.5	14.8	16.8	0.01	1.89	0.02	5.35	0.00	4.81	833.02	21.43	854.46	
968	Coconut palm	3.5	207.5	28.3	115.2	9.9	11.0	0.00	1.27	0.01	3.49	0.00	3.14	588.97	14.38	573.35	
969	Coconut palm	1.0	59.1	8.1	41.7	2.8	4.0	0.00	0.36	0.00	1.26	0.00	1.14	159.19	4.10	163.28	
970	Coconut palm	3.2	186.5	25.5	104.5	8.9	9.9	0.00	1.14	0.01	3.17	0.00	2.85	502.35	12.93	515.27	
971	Coconut palm	1.6	93.7	12.8	57.6	4.5	5.5	0.00	0.57	0.01	1.75	0.00	1.57	252.53	6.50	259.03	
972	Coconut palm	4.5	261.2	35.7	152.9	12.5	14.5	0.01	1.60	0.02	4.63	0.00	4.17	703.86	18.11	721.97	
973	Coconut palm	5.5	321.5	43.9	173.8	15.4	16.5	0.01	1.96	0.02	5.27	0.00	4.74	866.13	22.29	888.41	
974	Coconut palm	6.0	348.3	47.6	193.0	16.7	18.3	0.01	2.13	0.02	5.85	0.00	5.27	938.49	24.15	962.63	
975	Coconut palm	5.5	321.5	43.9	173.8	15.4	16.5	0.01	1.96	0.02	5.27	0.00	4.74	866.13	22.29	888.41	
976	Coconut palm	7.3	424.2	58.0	231.0	20.3	22.0	0.01	2.59	0.03	7.00	0.00	6.30	1,142.90	29.41	1,172.30	
977	Coconut palm	9.0	529.0	72.3	297.9	25.3	28.3	0.01	3.23	0.04	9.02	0.00	8.13	1,425.27	36.67	1,461.95	
978	Coconut palm	0.4	26.3	3.6	18.5	1.3	1.8	0.00	0.16	0.00	0.56	0.00	0.51	70.73	1.82	72.55	
979	Coconut palm	0.6	34.2	4.7	22.2	1.6	2.1	0.00	0.21	0.00	0.67	0.00	0.61	92.08	2.37	94.44	
980	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
981	Coconut palm	1.8	106.1	14.5	64.3	5.1	6.1	0.00	0.65	0.01	1.95	0.00	1.75	285.81	7.35	293.17	
982	Coconut palm	1.6	96.0	13.1	60.7	4.6	5.8	0.00	0.59	0.01	1.84	0.00	1.66	258.68	6.66	265.34	
983	Coconut palm	2.1	122.1	16.7	74.8	5.8	7.1	0.00	0.75	0.01	2.27	0.00	2.04	328.87	8.46	337.33	
984	Coconut palm	3.8	221.6	30.3	127.9	10.6	12.2	0.00	1.35	0.02	3.87	0.00	3.49	597.14	15.36	612.50	
985	Coconut palm	3.5	205.5	28.1	123.1	9.8	11.7	0.00	1.26	0.01	3.73	0.00	3.36	553.72	14.25	567.97	
986	Coconut palm	4.9	287.4	39.3	168.0	13.8	16.0	0.01	1.76	0.02	5.09	0.00	4.58	774.41	19.93	794.34	
987	Coconut palm	3.1	178.5	24.4	103.0	8.5	9.8	0.00	1.09	0.01	3.12	0.00	2.81	480.82	12.37	493.19	
988	Coconut palm	2.5	147.2	20.1	89.8	7.0	8.5	0.00	0.90	0.01	2.72	0.00	2.45	396.52	10.20	406.73	
989	Coconut palm	1.8	105.1	14.4	62.9	5.0	6.0	0.00	0.64	0.01	1.90	0.00	1.72	283.10	7.28	290.39	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
990	Cocunut palm	2.3	132.8	18.1	76.6	6.4	7.3	0.00	0.81	0.01	2.32	0.00	2.09	357.81	9.21	367.02	
991	Cocunut palm	0.9	55.2	7.5	38.0	2.6	3.6	0.00	0.34	0.00	1.15	0.00	1.04	148.70	3.83	152.52	
992	Cocunut palm	1.9	112.2	15.3	67.1	5.4	6.4	0.00	0.69	0.01	2.03	0.00	1.83	302.28	7.78	310.05	
993	Cocunut palm	4.6	268.2	36.6	151.9	12.8	14.4	0.00	1.64	0.02	4.60	0.00	4.14	722.50	18.59	741.09	
994	Cocunut palm	5.7	335.8	45.9	190.3	16.1	18.1	0.01	2.05	0.02	5.76	0.00	5.19	904.84	23.28	928.12	
995	Cocunut palm	3.1	180.8	24.7	106.5	8.7	10.1	0.00	1.10	0.01	3.23	0.00	2.91	487.15	12.53	499.69	
996	Cocunut palm	4.6	268.9	36.7	143.5	12.9	13.6	0.01	1.64	0.02	4.35	0.00	3.92	724.49	18.64	743.13	
997	Cocunut palm	5.2	306.8	41.9	167.1	14.7	15.9	0.01	1.87	0.02	5.06	0.00	4.56	826.69	21.27	847.96	
998	Cocunut palm	2.4	143.1	19.6	84.5	6.9	8.0	0.00	0.87	0.01	2.56	0.00	2.31	385.49	9.92	395.41	
999	Cocunut palm	3.0	176.7	24.1	94.0	8.5	8.9	0.00	1.08	0.01	2.85	0.00	2.56	475.94	12.25	488.18	
1000	Cocunut palm	3.9	230.1	31.4	125.7	11.0	11.9	0.00	1.41	0.02	3.81	0.00	3.43	619.93	15.95	635.88	
1001	Cocunut palm	2.4	143.1	19.6	84.5	6.9	8.0	0.00	0.87	0.01	2.56	0.00	2.31	385.49	9.92	395.41	
1002	Cocunut palm	4.4	254.8	34.8	143.1	12.2	13.6	0.01	1.56	0.02	4.34	0.00	3.90	686.50	17.66	704.16	
1003	Cocunut palm	2.3	133.6	18.3	78.1	6.4	7.4	0.00	0.82	0.01	2.36	0.00	2.13	359.98	9.26	369.24	
1004	Cocunut palm	2.6	149.9	20.5	86.6	7.2	8.2	0.00	0.92	0.01	2.62	0.00	2.36	403.94	10.39	414.33	
1005	Cocunut palm	4.6	266.9	36.5	148.7	12.8	14.1	0.01	1.63	0.02	4.50	0.00	4.06	719.06	18.50	737.56	
1006	Cocunut palm	5.2	306.3	41.9	169.5	14.7	16.1	0.01	1.87	0.02	5.13	0.00	4.62	825.24	21.23	846.48	
1007	Cocunut palm	4.3	248.7	34.0	145.7	11.9	13.9	0.01	1.52	0.02	4.41	0.00	3.97	670.04	17.24	687.28	
1008	Cocunut palm	1.7	99.2	13.6	60.2	4.8	5.7	0.00	0.61	0.01	1.82	0.00	1.64	267.36	6.88	274.24	
1009	Cocunut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
1010	Cocunut palm	1.3	78.0	10.7	52.4	3.7	5.0	0.00	0.48	0.01	1.59	0.00	1.43	210.20	5.41	215.61	
1011	Cocunut palm	1.7	101.5	13.9	63.2	4.9	6.0	0.00	0.62	0.01	1.92	0.00	1.72	273.33	7.03	280.37	
1012	Cocunut palm	2.8	161.2	22.0	95.1	7.7	9.0	0.00	0.98	0.01	2.88	0.00	2.59	434.33	11.18	445.51	
1013	Cocunut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
1014	Cocunut palm	1.9	111.3	15.2	65.7	5.3	6.2	0.00	0.68	0.01	1.99	0.00	1.79	299.74	7.71	307.46	
1015	Cocunut palm	2.0	118.7	16.2	70.1	5.7	6.7	0.00	0.73	0.01	2.12	0.00	1.91	319.82	8.23	328.05	
1016	Live oak	6.3	366.1	50.0	178.2	17.5	16.9	0.01	2.24	0.03	5.40	0.00	4.86	0.00	0.00	0.00	
1017	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07	
1018	washingtonia spp	0.9	51.6	7.0	33.6	2.5	3.2	0.00	0.31	0.00	1.02	0.00	0.92	106.99	4.47	111.46	
1019	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.61	0.00	1.45	182.21	7.61	189.82	
1020	washingtonia spp	1.5	87.6	12.0	52.3	4.2	5.0	0.00	0.53	0.01	1.58	0.00	1.43	181.65	7.59	189.24	
1021	washingtonia spp	1.7	100.2	13.7	61.0	4.8	5.8	0.00	0.61	0.01	1.85	0.00	1.66	207.98	8.69	216.67	
1022	washingtonia spp	1.6	93.4	12.8	54.5	4.5	5.2	0.00	0.57	0.01	1.65	0.00	1.49	193.77	8.09	201.87	
1023	Live oak	8.8	517.6	70.7	232.3	24.8	22.1	0.01	3.16	0.04	7.04	0.00	6.34	0.00	0.00	0.00	
1024	Live oak	8.6	503.0	68.7	239.3	24.1	22.7	0.01	3.07	0.03	7.25	0.00	6.53	0.00	0.00	0.00	
1025	Live oak	8.3	483.0	66.0	219.6	23.1	20.9	0.01	2.95	0.03	6.65	0.00	5.99	0.00	0.00	0.00	
1026	Live oak	9.0	524.0	71.6	233.1	25.1	22.2	0.01	3.20	0.04	7.06	0.00	6.36	0.00	0.00	0.00	
1027	Live oak	11.1	646.5	88.3	297.8	31.0	28.3	0.01	3.95	0.04	9.02	0.00	8.13	0.00	0.00	0.00	
1028	Live oak	8.8	513.5	70.2	237.7	24.6	22.6	0.01	3.14	0.04	7.20	0.00	6.48	0.00	0.00	0.00	
1029	Live oak	8.1	476.6	65.1	229.6	22.8	21.8	0.01	2.91	0.03	6.95	0.00	6.26	0.00	0.00	0.00	
1030	Live oak	6.1	355.3	48.6	167.8	17.0	16.0	0.01	2.17	0.02	5.08	0.00	4.58	0.00	0.00	0.00	
1031	Live oak	6.4	375.5	51.3	170.7	18.0	16.2	0.01	2.29	0.03	5.17	0.00	4.66	0.00	0.00	0.00	
1032	Live oak	7.7	450.4	61.5	201.3	21.6	19.1	0.01	2.75	0.03	6.10	0.00	5.49	0.00	0.00	0.00	
1033	Cabbage palmetto	1.6	95.7	13.1	54.2	4.6	5.1	0.00	0.58	0.01	1.64	0.00	1.48	198.64	8.30	206.94	
1034	Cabbage palmetto	1.5	89.9	12.3	51.5	4.3	4.9	0.00	0.55	0.01	1.56	0.00	1.40	186.52	7.79	194.31	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1035	Cabbage palmetto	1.6	91.1	12.4	53.7	4.4	5.1	0.00	0.56	0.01	1.63	0.00	1.47	189.03	7.89	196.93	
1036	Cabbage palmetto	1.2	67.3	9.2	42.8	3.2	4.1	0.00	0.41	0.00	1.29	0.00	1.17	139.72	5.84	145.55	
1037	Cabbage palmetto	0.9	51.2	7.0	34.5	2.5	3.3	0.00	0.31	0.00	1.04	0.00	0.94	106.29	4.44	110.73	
1038	Cabbage palmetto	1.3	74.5	10.2	44.4	3.6	4.2	0.00	0.46	0.01	1.34	0.00	1.21	154.62	6.46	161.08	
1039	Cabbage palmetto	1.7	97.5	13.3	57.5	4.7	5.5	0.00	0.60	0.01	1.74	0.00	1.57	202.26	8.45	210.71	
1040	Cabbage palmetto	1.3	75.2	10.3	45.5	3.6	4.3	0.00	0.46	0.01	1.39	0.00	1.24	156.02	6.52	162.53	
1041	Cabbage palmetto	1.5	90.5	12.4	52.5	4.3	5.0	0.00	0.55	0.01	1.58	0.00	1.43	187.78	7.84	195.62	
1042	Cabbage palmetto	1.1	65.7	9.0	40.3	3.1	3.8	0.00	0.40	0.00	1.22	0.00	1.10	136.38	5.70	142.07	
1043	Cabbage palmetto	2.5	149.0	20.4	77.9	7.1	7.4	0.00	0.91	0.01	2.36	0.00	2.13	309.11	12.91	322.02	
1044	Cabbage palmetto	1.3	73.9	10.1	43.3	3.5	4.1	0.00	0.45	0.01	1.31	0.00	1.18	153.37	6.41	159.78	
1045	Cabbage palmetto	0.9	52.4	7.2	31.9	2.5	3.0	0.00	0.32	0.00	0.97	0.00	0.87	108.79	4.54	113.34	
1046	Cabbage palmetto	1.1	62.5	8.5	39.6	3.0	3.8	0.00	0.38	0.00	1.20	0.00	1.08	129.69	5.42	135.11	
1047	Cabbage palmetto	1.4	80.0	10.9	47.7	3.8	4.5	0.00	0.49	0.01	1.44	0.00	1.30	165.91	6.93	172.84	
1048	Cabbage palmetto	1.5	89.5	12.2	50.5	4.3	4.8	0.00	0.55	0.01	1.53	0.00	1.38	185.69	7.76	193.44	
1049	Cabbage palmetto	1.0	57.3	7.8	35.6	2.7	3.4	0.00	0.35	0.00	1.08	0.00	0.97	118.82	4.96	123.79	
1050	Cabbage palmetto	1.1	63.9	8.7	37.2	3.1	3.5	0.00	0.39	0.00	1.13	0.00	1.02	132.61	5.54	138.15	
1051	Cabbage palmetto	0.6	36.6	5.0	23.3	1.8	2.2	0.00	0.22	0.00	0.71	0.00	0.64	75.92	3.17	79.09	
1052	Cabbage palmetto	0.8	48.0	6.6	28.6	2.3	2.7	0.00	0.29	0.00	0.87	0.00	0.78	99.60	4.16	103.76	
1053	Cabbage palmetto	1.3	78.8	10.8	45.5	3.8	4.3	0.00	0.48	0.01	1.38	0.00	1.24	163.40	6.82	170.22	
1054	Live oak	8.3	486.6	66.5	226.0	23.3	21.5	0.01	2.97	0.03	6.85	0.00	6.17	0.00	0.00	0.00	
1055	Live oak	8.2	480.5	65.7	227.3	23.0	21.6	0.00	2.94	0.03	6.89	0.00	6.20	0.00	0.00	0.00	
1056	Cabbage palmetto	2.0	116.6	15.9	66.3	5.6	6.3	0.00	0.71	0.01	2.01	0.00	1.81	241.83	10.10	251.93	
1057	Cabbage palmetto	1.7	102.3	14.0	58.0	4.9	5.5	0.00	0.63	0.01	1.76	0.00	1.58	212.29	8.87	221.16	
1058	washingtonia spp	1.9	113.3	15.5	66.7	5.4	6.3	0.00	0.69	0.01	2.02	0.00	1.82	235.01	9.82	244.82	
1059	Live oak	7.4	432.9	59.1	202.8	20.7	19.3	0.01	2.64	0.03	6.14	0.00	5.53	0.00	0.00	0.00	
1060	washingtonia spp	2.1	121.2	16.6	74.1	5.8	7.0	0.00	0.74	0.01	2.25	0.00	2.02	251.45	10.50	261.95	
1061	washingtonia spp	1.4	82.8	11.3	51.5	4.0	4.9	0.00	0.51	0.01	1.56	0.00	1.40	171.76	7.17	178.94	
1062	washingtonia spp	2.1	120.6	16.5	71.2	5.8	6.8	0.00	0.74	0.01	2.16	0.00	1.94	250.19	10.45	260.64	
1063	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.61	0.00	1.45	182.21	7.61	189.82	
1064	washingtonia spp	1.8	106.4	14.5	61.7	5.1	5.9	0.00	0.65	0.01	1.87	0.00	1.68	220.66	9.22	229.88	
1065	washingtonia spp	1.5	87.4	11.9	50.8	4.2	4.8	0.00	0.53	0.01	1.54	0.00	1.38	181.24	7.57	188.81	
1066	Cabbage palmetto	1.0	57.3	7.8	35.6	2.7	3.4	0.00	0.35	0.00	1.08	0.00	0.97	118.82	4.96	123.79	
1067	Cabbage palmetto	1.5	90.5	12.4	52.5	4.3	5.0	0.00	0.55	0.01	1.59	0.00	1.43	187.78	7.84	195.62	
1068	Cabbage palmetto	1.4	80.0	10.9	47.7	3.8	4.5	0.00	0.49	0.01	1.44	0.00	1.30	165.91	6.93	172.84	
1069	Cabbage palmetto	2.2	131.3	17.9	73.1	6.3	6.9	0.00	0.80	0.01	2.21	0.00	1.99	272.33	11.37	283.71	
1070	Cabbage palmetto	2.0	117.1	16.0	67.5	5.6	6.4	0.00	0.72	0.01	2.04	0.00	1.84	242.94	10.15	253.09	
1071	Cabbage palmetto	2.1	124.8	17.1	72.0	6.0	6.8	0.00	0.76	0.01	2.18	0.00	1.96	258.96	10.82	269.77	
1072	Cabbage palmetto	1.9	111.3	15.2	65.7	5.3	6.2	0.00	0.68	0.01	1.99	0.00	1.79	230.82	9.64	240.46	
1073	Live oak	8.4	492.0	67.2	233.4	23.6	22.2	0.01	3.01	0.03	7.07	0.00	6.37	0.00	0.00	0.00	
1074	Live oak	9.1	534.5	73.0	256.6	25.6	24.4	0.01	3.26	0.04	7.77	0.00	7.00	0.00	0.00	0.00	
1075	Royal poinciana	2.1	121.9	16.7	164.4	5.8	15.6	0.00	0.74	0.01	4.98	0.00	4.48	1.81	21.12	22.93	
1076	Live oak	8.2	480.5	65.7	227.3	23.0	21.6	0.01	2.94	0.03	6.89	0.00	6.20	0.00	0.00	0.00	
1077	Royal poinciana	1.7	101.3	13.8	131.6	4.8	12.5	0.00	0.62	0.01	3.98	0.00	3.59	1.50	17.55	19.05	
1078	Royal poinciana	2.2	126.2	17.2	172.0	6.0	16.3	0.00	0.77	0.01	5.21	0.00	4.69	1.87	21.86	23.73	
1079	Royal poinciana	2.1	124.1	17.0	159.2	5.9	15.1	0.00	0.76	0.01	4.82	0.00	4.34	1.84	21.50	23.34	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1080	Royal poinciana	2.3	136.0	18.6	179.0	6.5	17.0	0.00	0.83	0.01	5.42	0.00	4.88	2.02	23.57	25.59	
1081	Royal poinciana	1.9	113.6	15.5	149.8	5.4	14.2	0.00	0.69	0.01	4.54	0.00	4.09	1.68	19.69	21.37	
1082	Royal poinciana	2.2	127.8	17.5	165.9	6.1	15.8	0.00	0.78	0.01	5.03	0.00	4.53	1.89	22.14	24.04	
1083	Royal poinciana	1.3	76.9	10.5	102.6	3.7	9.8	0.00	0.47	0.01	3.11	0.00	2.80	1.14	13.34	14.48	
1084	Royal poinciana	1.7	100.6	13.8	133.6	4.8	12.7	0.00	0.61	0.01	4.05	0.00	3.64	1.49	17.44	18.93	
1085	royal palm spp	9.3	543.5	74.3	304.5	26.0	28.9	0.01	3.32	0.04	9.22	0.00	8.31	1,464.28	37.68	1,501.96	
1086	Cabbage palmetto	1.4	84.5	11.5	49.0	4.0	4.7	0.00	0.52	0.01	1.48	0.00	1.34	175.24	7.32	182.56	
1087	Slash pine	0.4	24.0	3.3	27.7	1.1	2.6	0.00	0.15	0.00	0.84	0.00	0.76	0.36	62.31	62.67	
1088	Cabbage palmetto	1.5	90.5	12.4	52.5	4.3	5.0	0.00	0.55	0.01	1.59	0.00	1.43	187.78	7.84	195.62	
1089	Cabbage palmetto	2.3	132.1	18.1	75.3	6.3	7.2	0.00	0.81	0.01	2.28	0.00	2.06	274.14	11.45	285.59	
1090	Live oak	7.4	435.3	59.5	202.0	20.8	19.2	0.01	2.66	0.03	6.12	0.00	5.51	0.00	0.00	0.00	
1091	Cabbage palmetto	1.1	66.5	9.1	41.5	3.2	3.9	0.00	0.41	0.00	1.26	0.00	1.13	137.91	5.76	143.67	
1092	Live oak	8.5	498.2	68.1	232.0	23.9	22.1	0.01	3.04	0.03	7.03	0.00	6.33	0.00	0.00	0.00	
1093	Slash pine	0.4	23.8	3.3	26.9	1.1	2.6	0.00	0.15	0.00	0.81	0.00	0.73	0.35	61.96	62.32	
1094	Cabbage palmetto	2.9	167.0	22.8	94.5	8.0	9.0	0.00	1.02	0.01	2.86	0.00	2.58	346.58	14.47	361.05	
1095	Slash pine	0.8	48.1	6.6	53.0	2.3	5.0	0.00	0.29	0.00	1.60	0.00	1.45	0.71	124.97	125.68	
1096	Cabbage palmetto	2.5	148.2	20.2	82.7	7.1	7.9	0.00	0.91	0.01	2.51	0.00	2.26	307.44	12.84	320.28	
1097	Live oak	10.3	605.0	82.7	290.7	29.0	27.6	0.01	3.70	0.04	8.80	0.00	7.93	0.00	0.00	0.00	
1098	Live oak	10.3	605.0	82.7	290.7	29.0	27.6	0.01	3.70	0.04	8.80	0.00	7.93	0.00	0.00	0.00	
1099	Live oak	8.1	475.6	65.0	213.7	22.8	20.3	0.01	2.91	0.03	6.47	0.00	5.83	0.00	0.00	0.00	
1100	Earleaf acacia	12.0	703.6	96.1	317.9	33.7	30.2	0.02	4.30	0.05	9.63	0.00	8.67	10.43	1,829.16	1,839.59	
1101	Live oak	8.7	511.8	69.9	231.9	24.5	22.0	0.01	3.13	0.04	7.02	0.00	6.33	0.00	0.00	0.00	
1102	Live oak	8.9	523.4	71.5	237.8	25.1	22.6	0.01	3.20	0.04	7.20	0.00	6.49	0.00	0.00	0.00	
1103	Live oak	10.0	582.5	79.6	276.2	27.9	26.3	0.01	3.56	0.04	8.37	0.00	7.54	0.00	0.00	0.00	
1104	Live oak	9.5	556.1	76.0	255.1	26.6	24.2	0.01	3.40	0.04	7.73	0.00	6.96	0.00	0.00	0.00	
1105	Live oak	8.5	495.0	67.6	225.6	23.7	21.4	0.01	3.02	0.03	6.83	0.00	6.16	0.00	0.00	0.00	
1106	Live oak	7.8	454.3	62.1	207.4	21.8	19.7	0.01	2.78	0.03	6.28	0.00	5.66	0.00	0.00	0.00	
1107	washingtonia spp	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	150.45	6.28	156.73	
1108	washingtonia spp	1.1	63.3	8.7	40.1	3.0	3.8	0.00	0.39	0.00	1.22	0.00	1.10	131.37	5.49	136.85	
1109	washingtonia spp	1.0	56.2	7.7	37.4	2.7	3.6	0.00	0.34	0.00	1.13	0.00	1.02	116.60	4.87	121.47	
1110	washingtonia spp	1.2	68.6	9.4	44.4	3.3	4.2	0.00	0.42	0.00	1.34	0.00	1.21	142.37	5.95	148.32	
1111	washingtonia spp	1.0	57.5	7.9	39.6	2.8	3.8	0.00	0.35	0.00	1.20	0.00	1.08	119.38	4.99	124.37	
1112	washingtonia spp	0.8	49.5	6.8	34.0	2.4	3.2	0.00	0.30	0.00	1.03	0.00	0.93	102.67	4.29	106.96	
1113	washingtonia spp	1.0	59.4	8.1	38.2	2.8	3.6	0.00	0.36	0.00	1.16	0.00	1.04	123.15	5.14	128.29	
1114	washingtonia spp	0.8	45.8	6.3	31.4	2.2	3.0	0.00	0.28	0.00	0.95	0.00	0.86	95.01	3.97	98.97	
1115	washingtonia spp	1.0	59.4	8.1	38.2	2.8	3.6	0.00	0.36	0.00	1.16	0.00	1.04	123.15	5.14	128.29	
1116	washingtonia spp	0.8	48.3	6.6	31.9	2.3	3.0	0.00	0.29	0.00	0.97	0.00	0.87	100.16	4.18	104.34	
1117	washingtonia spp	0.7	39.6	5.4	27.6	1.9	2.6	0.00	0.24	0.00	0.84	0.00	0.75	82.19	3.43	85.62	
1118	washingtonia spp	0.9	52.1	7.1	34.5	2.5	3.3	0.00	0.32	0.00	1.05	0.00	0.94	108.10	4.51	112.62	
1119	washingtonia spp	1.0	55.6	7.6	36.3	2.7	3.4	0.00	0.34	0.00	1.10	0.00	0.99	115.35	4.82	120.16	
1120	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
1121	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
1122	washingtonia spp	1.0	56.2	7.7	37.4	2.7	3.6	0.00	0.34	0.00	1.13	0.00	1.02	116.60	4.87	121.47	
1123	washingtonia spp	1.2	72.5	9.9	45.5	3.5	4.3	0.00	0.44	0.01	1.38	0.00	1.24	150.45	6.28	156.73	
1124	washingtonia spp	1.0	57.5	7.9	39.6	2.8	3.8	0.00	0.35	0.00	1.20	0.00	1.08	119.38	4.99	124.37	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1125	washingtonia spp	1.0	56.9	7.8	38.5	2.7	3.7	0.00	0.35	0.00	1.17	0.00	1.05	117.99	4.93	122.92	
1126	washingtonia spp	0.9	50.2	6.9	35.1	2.4	3.3	0.00	0.31	0.00	1.06	0.00	0.96	104.06	4.35	108.41	
1127	washingtonia spp	1.1	65.1	8.9	43.4	3.1	4.1	0.00	0.40	0.00	1.32	0.00	1.18	135.13	5.64	140.77	
1128	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
1129	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
1130	washingtonia spp	0.8	45.8	6.3	31.4	2.2	3.0	0.00	0.28	0.00	0.95	0.00	0.86	95.01	3.97	98.97	
1131	washingtonia spp	0.7	42.3	5.8	28.9	2.0	2.8	0.00	0.26	0.00	0.88	0.00	0.79	87.76	3.67	91.43	
1132	washingtonia spp	1.0	58.1	7.9	35.5	2.8	3.4	0.00	0.35	0.00	1.08	0.00	0.97	120.50	5.03	125.53	
1133	washingtonia spp	0.8	47.8	6.5	31.0	2.3	2.9	0.00	0.29	0.00	0.94	0.00	0.84	99.19	4.14	103.33	
1134	washingtonia spp	0.8	45.2	6.2	30.4	2.2	2.9	0.00	0.28	0.00	0.92	0.00	0.83	93.75	3.92	97.67	
1135	Brazilian pepper	2.5	146.0	19.9	345.3	7.0	32.8	0.00	0.89	0.01	10.46	0.00	9.42	0.00	429.97	429.97	
1136	Slash pine	0.4	24.0	3.3	27.7	1.1	2.6	0.00	0.15	0.00	0.84	0.00	0.76	0.36	62.31	62.67	
1137	Dahoon	0.3	17.6	2.4	16.6	0.8	1.6	0.00	0.11	0.00	0.50	0.00	0.45	0.26	3.05	3.31	
1138	Dahoon	0.2	12.3	1.7	11.8	0.6	1.1	0.00	0.08	0.00	0.36	0.00	0.32	0.18	2.13	2.31	
1139	Brazilian pepper	1.3	76.7	10.5	174.6	3.7	16.6	0.00	0.47	0.01	5.29	0.00	4.76	0.00	226.06	226.06	
1140	Slash pine	0.6	34.6	4.7	40.3	1.7	3.8	0.00	0.21	0.00	1.22	0.00	1.10	0.51	89.89	90.40	
1141	Slash pine	0.8	47.7	6.5	54.7	2.3	5.2	0.00	0.29	0.00	1.66	0.00	1.49	0.71	124.10	124.81	
1142	Cabbage palmetto	3.2	186.5	25.5	104.5	8.9	9.9	0.00	1.14	0.01	3.17	0.00	2.85	386.84	16.16	402.99	
1143	Cabbage palmetto	2.1	123.7	16.9	69.6	5.9	6.6	0.00	0.76	0.01	2.11	0.00	1.90	256.59	10.72	267.31	
1144	Cabbage palmetto	1.9	108.8	14.9	61.0	5.2	5.8	0.00	0.66	0.01	1.85	0.00	1.66	225.81	9.43	235.24	
1145	Cabbage palmetto	4.1	237.8	32.5	122.2	11.4	11.6	0.01	1.45	0.02	3.70	0.00	3.33	493.40	20.61	514.01	
1146	Cabbage palmetto	3.8	222.6	30.4	116.0	10.7	11.0	0.00	1.36	0.02	3.51	0.00	3.17	461.78	19.29	481.07	
1147	Coco plum	0.6	37.8	5.2	61.1	1.8	5.8	0.00	0.23	0.00	1.85	0.00	1.67	0.27	0.92	1.19	
1148	Earleaf acacia	7.3	426.8	58.3	172.0	20.4	16.3	0.01	2.61	0.03	5.21	0.00	4.69	6.33	1,109.54	1,115.86	
1149	Slash pine	0.9	52.2	7.1	56.4	2.5	5.4	0.00	0.32	0.00	1.71	0.00	1.54	0.77	135.79	136.57	
1150	Cabbage palmetto	1.4	83.9	11.5	47.9	4.0	4.6	0.00	0.51	0.01	1.45	0.00	1.31	174.13	7.27	181.40	
1151	Live oak	6.7	390.5	53.4	196.0	18.7	18.6	0.01	2.39	0.03	5.94	0.00	5.35	0.00	0.00	0.00	
1152	Cabbage palmetto	3.0	176.9	24.2	100.1	8.5	9.5	0.00	1.08	0.01	3.03	0.00	2.73	366.92	15.32	382.24	
1153	Cabbage palmetto	3.0	176.9	24.2	100.1	8.5	9.5	0.00	1.08	0.01	3.03	0.00	2.73	366.92	15.32	382.24	
1154	Slash pine	0.5	31.2	4.3	35.9	1.5	3.4	0.00	0.19	0.00	1.09	0.00	0.98	0.46	81.16	81.63	
1155	Slash pine	0.6	35.9	4.9	41.3	1.7	3.9	0.00	0.22	0.00	1.25	0.00	1.13	0.53	93.21	93.74	
1156	Earleaf acacia	3.1	180.7	24.7	86.2	8.7	8.2	0.00	1.10	0.01	2.61	0.00	2.35	2.68	469.68	472.36	
1157	Live oak	5.0	293.5	40.1	143.6	14.1	13.6	0.01	1.79	0.02	4.35	0.00	3.92	0.00	0.00	0.00	
1158	Australian pine	3.1	178.7	24.4	217.8	8.6	20.7	0.00	1.09	0.01	6.60	0.00	5.94	1,853.50	15.48	1,868.99	
1159	Dahoon	0.8	48.3	6.6	42.4	2.3	4.0	0.00	0.29	0.00	1.28	0.00	1.16	0.72	8.36	9.08	
1160	Dahoon	1.1	62.2	8.5	53.5	3.0	5.1	0.00	0.38	0.00	1.62	0.00	1.46	0.92	10.77	11.69	
1161	Slash pine	1.0	57.8	7.9	65.0	2.8	6.2	0.00	0.35	0.00	1.97	0.00	1.77	0.86	150.28	151.14	
1162	Slash pine	0.9	54.9	7.5	62.6	2.6	5.9	0.00	0.34	0.00	1.90	0.00	1.71	0.81	142.60	143.41	
1163	Cabbage palmetto	1.9	109.8	15.0	63.2	5.3	6.0	0.00	0.67	0.01	1.91	0.00	1.72	227.90	9.52	237.41	
1164	Brazilian pepper	2.0	117.9	16.1	170.3	5.6	16.2	0.00	0.72	0.01	5.16	0.00	4.65	0.00	347.30	347.30	
1165	Brazilian pepper	2.3	136.4	18.6	204.6	6.5	19.5	0.00	0.83	0.01	6.20	0.00	5.58	0.00	401.89	401.89	
1166	Live oak	4.8	282.3	38.6	139.5	13.5	13.3	0.01	1.72	0.02	4.22	0.00	3.80	0.00	0.00	0.00	
1167	Brazilian pepper	1.8	106.0	14.5	171.2	5.1	16.3	0.00	0.65	0.01	5.19	0.00	4.67	0.00	312.29	312.29	
1168	Cabbage palmetto	1.0	60.6	8.3	38.8	2.9	3.7	0.00	0.37	0.00	1.17	0.00	1.06	125.79	5.25	131.04	
1169	Cabbage palmetto	1.2	67.9	9.3	41.3	3.3	3.9	0.00	0.41	0.00	1.25	0.00	1.13	140.83	5.88	146.71	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1170	Live oak	4.8	281.7	38.5	136.2	13.5	12.9	0.01	1.72	0.02	4.13	0.00	3.72	0.00	0.00	0.00	
1171	Cabbage palmetto	1.9	108.3	14.8	57.7	5.2	5.5	0.00	0.66	0.01	1.75	0.00	1.57	224.69	9.38	234.08	
1172	Brazilian pepper	1.6	96.3	13.2	134.9	4.6	12.8	0.00	0.39	0.01	4.09	0.00	3.68	0.00	283.81	283.81	
1173	Slash pine	0.9	53.2	7.3	61.3	2.5	5.8	0.00	0.53	0.00	1.86	0.00	1.67	0.79	138.41	139.20	
1174	Brazilian pepper	0.9	54.9	7.5	82.4	2.6	7.8	0.00	0.34	0.00	2.50	0.00	2.25	0.00	161.78	161.78	
1175	Live oak	3.4	196.7	26.9	98.1	9.4	9.3	0.00	1.20	0.01	2.97	0.00	2.68	0.00	0.00	0.00	
1176	Australian pine	1.7	102.3	14.0	131.9	4.9	12.5	0.00	0.62	0.01	3.99	0.00	3.60	1,060.84	8.86	1,069.70	
1177	Brazilian pepper	0.6	33.1	4.5	48.6	1.6	4.6	0.00	0.20	0.00	1.47	0.00	1.33	0.00	97.51	97.51	
1178	Live oak	11.0	642.9	87.8	311.0	30.8	29.6	0.01	3.93	0.04	9.42	0.00	8.48	0.00	0.00	0.00	
1179	Brazilian pepper	0.9	52.8	7.2	77.6	2.5	7.4	0.00	0.32	0.00	2.35	0.00	2.12	0.00	155.45	155.45	
1180	Live oak	11.2	657.9	89.9	321.0	31.5	30.5	0.01	4.02	0.05	9.72	0.00	8.76	0.00	0.00	0.00	
1181	Brazilian pepper	1.3	75.5	10.3	118.1	3.6	11.2	0.00	0.46	0.01	3.58	0.00	3.22	0.00	222.50	222.50	
1182	Australian pine	1.9	111.7	15.3	141.5	5.3	13.4	0.00	0.68	0.01	4.28	0.00	3.86	1,159.05	9.68	1,168.73	
1183	tree anemone spp	0.2	11.1	1.5	17.3	0.5	1.6	0.00	0.07	0.00	0.52	0.00	0.47	0.08	0.27	0.35	
1184	tree anemone spp	0.3	18.7	2.6	28.6	0.9	2.7	0.00	0.11	0.00	0.87	0.00	0.78	0.13	0.45	0.59	
1185	Royal poinciana	1.9	109.1	14.9	151.2	5.2	14.4	0.00	0.67	0.01	4.98	0.00	4.13	1.62	18.91	20.53	
1186	Royal poinciana	2.0	117.6	16.1	161.5	5.6	15.4	0.00	0.72	0.01	4.89	0.00	4.41	1.74	20.37	22.12	
1187	Brazilian pepper	0.6	36.9	5.0	52.5	1.8	5.0	0.00	0.23	0.00	1.59	0.00	1.43	0.00	108.78	108.78	
1188	Royal poinciana	2.2	131.6	18.0	172.9	6.3	16.4	0.00	0.80	0.01	5.24	0.00	4.72	1.95	22.81	24.76	
1189	Royal poinciana	2.2	131.6	18.0	172.9	6.3	16.4	0.00	0.80	0.01	5.24	0.00	4.72	1.95	22.81	24.76	
1190	Brazilian pepper	1.6	93.6	12.8	122.3	4.5	11.6	0.00	0.57	0.01	3.71	0.00	3.34	0.00	275.70	275.70	
1191	Royal poinciana	1.7	100.5	13.7	134.8	4.8	12.8	0.00	0.61	0.01	4.08	0.00	3.68	1.49	17.42	18.91	
1192	Daboon	0.7	43.2	5.9	41.5	2.1	3.9	0.00	0.26	0.00	1.26	0.00	1.13	0.64	7.49	8.13	
1193	Earleaf acacia	7.7	448.8	61.3	201.4	21.5	19.1	0.01	2.74	0.03	6.10	0.00	5.50	6.65	1,166.79	1,173.44	
1194	Royal poinciana	2.2	130.8	17.9	175.2	6.3	16.7	0.00	0.80	0.01	5.31	0.00	4.78	1.94	22.67	24.61	
1195	Royal poinciana	2.1	122.3	16.7	161.8	5.9	15.4	0.00	0.75	0.01	4.90	0.00	4.41	1.81	21.20	23.01	
1196	Royal poinciana	1.9	108.9	14.9	146.4	5.2	13.9	0.00	0.67	0.01	4.43	0.00	3.99	1.61	18.87	20.49	
1197	Royal poinciana	2.2	130.6	17.8	176.6	6.3	16.8	0.00	0.80	0.01	5.35	0.00	4.82	1.94	22.63	24.57	
1198	Royal poinciana	2.6	152.7	20.9	206.3	7.3	19.6	0.00	0.93	0.01	6.25	0.00	5.63	2.26	26.47	28.74	
1199	Earleaf acacia	4.6	266.6	36.4	125.4	12.8	11.9	0.01	1.63	0.02	3.80	0.00	3.42	3.95	692.92	696.87	
1200	Earleaf acacia	7.7	448.8	61.3	201.4	21.5	19.1	0.01	2.74	0.03	6.10	0.00	5.50	6.65	1,166.79	1,173.44	
1201	Live oak	9.5	556.1	76.0	255.1	26.6	24.2	0.01	3.40	0.04	7.73	0.00	6.96	0.00	0.00	0.00	
1202	Live oak	9.8	575.9	78.7	266.1	27.6	25.3	0.01	3.52	0.04	8.06	0.00	7.26	0.00	0.00	0.00	
1203	Live oak	11.2	652.6	89.2	302.0	31.2	28.7	0.01	3.99	0.05	9.15	0.00	8.24	0.00	0.00	0.00	
1204	Live oak	11.4	667.7	91.2	326.9	32.0	31.1	0.01	4.08	0.05	9.90	0.00	8.92	0.00	0.00	0.00	
1205	Live oak	11.1	649.5	88.8	332.0	31.1	31.6	0.01	3.97	0.05	10.06	0.00	9.06	0.00	0.00	0.00	
1206	Live oak	10.9	640.3	87.5	338.6	30.7	32.2	0.01	3.91	0.04	10.26	0.00	9.24	0.00	0.00	0.00	
1207	Live oak	10.9	640.3	87.5	338.6	30.7	32.2	0.01	3.91	0.04	10.26	0.00	9.24	0.00	0.00	0.00	
1208	Live oak	11.4	667.3	91.2	324.4	31.9	30.8	0.01	4.08	0.05	9.83	0.00	8.85	0.00	0.00	0.00	
1209	Live oak	11.0	645.5	88.2	328.1	30.9	31.2	0.01	3.94	0.04	9.94	0.00	8.95	0.00	0.00	0.00	
1210	Live oak	10.9	638.3	87.2	337.8	30.6	32.1	0.01	3.90	0.04	10.23	0.00	9.22	0.00	0.00	0.00	
1211	Live oak	10.3	602.4	82.3	296.1	28.8	28.1	0.01	3.68	0.04	8.97	0.00	8.08	0.00	0.00	0.00	
1212	Live oak	9.2	537.5	73.4	267.9	25.7	25.5	0.01	3.28	0.04	8.12	0.00	7.31	0.00	0.00	0.00	
1213	Live oak	11.3	659.5	90.1	335.7	31.6	31.9	0.01	4.03	0.05	10.17	0.00	9.16	0.00	0.00	0.00	
1214	Live oak	10.7	625.7	85.5	311.4	30.0	29.6	0.01	3.82	0.04	9.43	0.00	8.50	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1215	Live oak	10.6	622.7	85.1	299.3	29.8	28.5	0.01	3.80	0.04	9.07	0.00	8.17	0.00	0.00	0.00	
1216	Live oak	10.2	596.0	81.4	281.2	28.5	26.7	0.01	3.64	0.04	8.52	0.00	7.67	0.00	0.00	0.00	
1217	Live oak	10.1	590.6	80.7	281.2	28.3	26.7	0.01	3.61	0.04	8.52	0.00	7.67	0.00	0.00	0.00	
1218	Live oak	10.7	623.2	85.2	295.2	29.8	28.1	0.01	3.81	0.04	8.94	0.00	8.05	0.00	0.00	0.00	
1219	Live oak	10.2	598.1	81.7	286.0	28.6	27.2	0.01	3.65	0.04	8.66	0.00	7.80	0.00	0.00	0.00	
1220	Live oak	9.7	565.0	77.2	265.9	27.1	25.3	0.01	3.45	0.04	8.05	0.00	7.25	0.00	0.00	0.00	
1221	Live oak	8.4	492.0	67.2	233.4	23.6	22.2	0.01	3.01	0.03	7.07	0.00	6.37	0.00	0.00	0.00	
1222	Live oak	8.2	478.3	65.4	228.3	22.9	21.7	0.01	2.92	0.03	6.92	0.00	6.23	0.00	0.00	0.00	
1223	Live oak	9.2	537.5	73.4	255.8	25.7	24.3	0.01	3.28	0.04	7.75	0.00	6.98	0.00	0.00	0.00	
1224	Live oak	7.8	457.1	62.5	215.1	21.9	20.5	0.01	2.79	0.03	6.52	0.00	5.87	0.00	0.00	0.00	
1225	Live oak	8.5	494.8	67.6	232.5	23.7	22.1	0.01	3.02	0.03	7.04	0.00	6.34	0.00	0.00	0.00	
1226	Live oak	7.7	453.3	61.9	217.3	21.7	20.7	0.01	2.77	0.03	6.58	0.00	5.93	0.00	0.00	0.00	
1227	Live oak	10.3	605.0	82.7	290.7	29.0	27.6	0.01	3.70	0.04	8.80	0.00	7.93	0.00	0.00	0.00	
1228	Live oak	9.9	579.2	79.1	271.1	27.7	25.8	0.01	3.54	0.04	8.21	0.00	7.40	0.00	0.00	0.00	
1229	Live oak	9.6	560.5	76.6	260.4	26.8	24.8	0.01	3.42	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
1230	Live oak	11.1	647.7	88.5	336.3	31.0	32.0	0.01	3.96	0.04	10.19	0.00	9.17	0.00	0.00	0.00	
1231	Live oak	10.7	628.9	85.9	322.0	30.1	30.6	0.01	3.84	0.04	9.75	0.00	8.78	0.00	0.00	0.00	
1232	Live oak	10.7	627.1	85.7	318.9	30.0	30.3	0.01	3.83	0.04	9.66	0.00	8.70	0.00	0.00	0.00	
1233	Live oak	9.8	573.8	78.4	285.5	27.5	27.1	0.01	3.51	0.04	8.65	0.00	7.79	0.00	0.00	0.00	
1234	Live oak	9.7	568.0	77.6	279.2	27.2	26.5	0.01	3.47	0.04	8.46	0.00	7.62	0.00	0.00	0.00	
1235	Live oak	10.1	589.3	80.5	287.0	28.2	27.3	0.01	3.60	0.04	8.69	0.00	7.83	0.00	0.00	0.00	
1236	Live oak	8.6	503.0	68.7	239.3	24.1	22.7	0.01	3.07	0.03	7.25	0.00	6.53	0.00	0.00	0.00	
1237	Live oak	9.0	524.5	71.7	243.5	23.1	23.1	0.01	3.20	0.04	7.38	0.00	6.64	0.00	0.00	0.00	
1238	Live oak	9.1	535.3	73.1	249.3	23.6	23.7	0.01	3.27	0.04	7.55	0.00	6.80	0.00	0.00	0.00	
1239	Live oak	7.9	459.7	62.8	214.4	22.0	20.4	0.01	2.81	0.03	6.49	0.00	5.85	0.00	0.00	0.00	
1240	Live oak	9.6	560.5	76.6	260.4	26.8	24.8	0.01	3.42	0.04	7.89	0.00	7.11	0.00	0.00	0.00	
1241	Live oak	9.0	529.3	72.3	238.3	23.3	22.7	0.01	3.23	0.04	7.22	0.00	6.50	0.00	0.00	0.00	
1242	Live oak	7.2	418.6	57.2	197.5	20.0	18.8	0.01	2.56	0.03	5.98	0.00	5.39	0.00	0.00	0.00	
1243	Live oak	6.8	395.7	54.1	184.3	18.9	17.5	0.01	2.42	0.03	5.58	0.00	5.03	0.00	0.00	0.00	
1244	Live oak	7.7	452.1	61.8	218.7	21.6	20.8	0.01	2.76	0.03	6.62	0.00	5.97	0.00	0.00	0.00	
1245	Live oak	8.6	500.7	68.4	240.3	24.0	22.8	0.01	3.06	0.03	7.28	0.00	6.55	0.00	0.00	0.00	
1246	Live oak	8.9	518.1	70.8	237.6	24.8	22.6	0.01	3.17	0.04	7.20	0.00	6.48	0.00	0.00	0.00	
1247	Live oak	10.9	639.7	87.4	314.3	30.6	29.9	0.01	3.91	0.04	9.52	0.00	8.57	0.00	0.00	0.00	
1248	Live oak	10.7	625.5	85.5	338.4	29.9	32.2	0.01	3.82	0.04	10.25	0.00	9.23	0.00	0.00	0.00	
1249	Live oak	11.0	644.2	88.0	335.0	30.8	31.8	0.01	3.93	0.04	10.15	0.00	9.14	0.00	0.00	0.00	
1250	Live oak	10.5	613.2	83.8	304.5	29.4	28.9	0.01	3.75	0.04	9.22	0.00	8.31	0.00	0.00	0.00	
1251	Live oak	9.9	579.2	79.1	271.1	27.7	25.8	0.01	3.54	0.04	8.21	0.00	7.40	0.00	0.00	0.00	
1252	Live oak	11.1	651.1	89.0	330.1	31.2	31.4	0.01	3.98	0.05	10.00	0.00	9.01	0.00	0.00	0.00	
1253	Live oak	10.1	593.4	81.1	286.4	28.4	27.2	0.01	3.62	0.04	8.67	0.00	7.81	0.00	0.00	0.00	
1254	Live oak	9.6	560.5	76.6	266.2	26.8	25.3	0.01	3.42	0.04	8.06	0.00	7.26	0.00	0.00	0.00	
1255	Live oak	10.4	609.7	83.3	286.2	29.2	27.2	0.01	3.72	0.04	8.67	0.00	7.81	0.00	0.00	0.00	
1256	Live oak	8.5	495.0	67.6	225.6	23.7	21.4	0.01	3.02	0.03	6.83	0.00	6.16	0.00	0.00	0.00	
1257	Live oak	8.6	502.2	68.6	231.7	24.0	22.0	0.01	3.07	0.03	7.02	0.00	6.32	0.00	0.00	0.00	
1258	Live oak	8.1	474.9	64.9	219.9	22.7	20.9	0.01	2.90	0.03	6.66	0.00	6.00	0.00	0.00	0.00	
1259	Live oak	8.2	478.7	65.4	219.6	22.9	20.9	0.01	2.92	0.03	6.65	0.00	5.99	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1260	Live oak	10.1	590.6	80.7	281.2	28.3	26.7	0.01	3.61	0.04	8.52	0.00	7.67	0.00	0.00	0.00	
1261	Live oak	11.3	659.4	90.1	328.4	31.6	31.2	0.01	4.03	0.05	9.95	0.00	8.96	0.00	0.00	0.00	
1262	Live oak	10.6	622.3	85.0	303.4	29.8	28.8	0.01	3.80	0.04	9.19	0.00	8.28	0.00	0.00	0.00	
1263	Live oak	10.3	602.4	82.3	296.1	28.1	28.1	0.01	3.68	0.04	8.97	0.00	8.08	0.00	0.00	0.00	
1264	Live oak	3.0	177.6	24.3	88.6	8.5	8.4	0.00	1.08	0.01	2.68	0.00	2.42	0.00	0.00	0.00	
1265	washingtonia spp	1.5	87.4	11.9	51.5	4.2	4.9	0.00	0.53	0.01	1.56	0.00	1.40	0.00	0.00	0.00	
1266	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	0.00	0.00	0.00	
1267	washingtonia spp	1.9	113.3	15.5	66.0	5.4	6.3	0.00	0.69	0.01	2.00	0.00	1.80	0.00	0.00	0.00	
1268	washingtonia spp	2.1	121.1	16.5	69.0	5.8	6.6	0.00	0.74	0.01	2.09	0.00	1.88	0.00	0.00	0.00	
1269	washingtonia spp	1.6	93.4	12.8	53.8	4.5	5.1	0.00	0.57	0.01	1.63	0.00	1.47	0.00	0.00	0.00	
1270	washingtonia spp	1.0	59.9	8.2	39.2	2.9	3.7	0.00	0.37	0.00	1.19	0.00	1.07	0.00	0.00	0.00	
1271	Live oak	4.0	236.9	32.4	115.6	11.3	11.0	0.01	1.45	0.02	3.50	0.00	3.15	0.00	0.00	0.00	
1272	washingtonia spp	1.1	64.5	8.8	42.3	3.1	4.0	0.00	0.39	0.00	1.28	0.00	1.15	0.00	0.00	0.00	
1273	washingtonia spp	1.4	83.3	11.4	52.5	4.0	5.0	0.00	0.51	0.01	1.59	0.00	1.43	0.00	0.00	0.00	
1274	washingtonia spp	1.8	106.4	14.5	62.5	5.1	5.9	0.00	0.65	0.01	1.89	0.00	1.70	0.00	0.00	0.00	
1275	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	0.00	0.00	0.00	
1276	washingtonia spp	1.2	71.2	9.7	42.1	3.4	4.0	0.00	0.44	0.00	1.27	0.00	1.15	0.00	0.00	0.00	
1277	Live oak	4.0	236.9	32.4	115.6	11.3	11.0	0.01	1.45	0.02	3.50	0.00	3.15	0.00	0.00	0.00	
1278	Live oak	4.1	238.0	32.5	118.7	11.4	11.3	0.01	1.45	0.02	3.60	0.00	3.24	0.00	0.00	0.00	
1279	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.63	0.00	1.45	0.00	0.00	0.00	
1280	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	0.00	0.00	0.00	
1281	washingtonia spp	0.9	55.1	7.5	35.3	2.6	3.4	0.00	0.34	0.00	1.07	0.00	0.96	0.00	0.00	0.00	
1282	washingtonia spp	1.2	71.7	9.8	43.6	3.4	4.1	0.00	0.44	0.00	1.32	0.00	1.19	0.00	0.00	0.00	
1283	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	0.00	0.00	0.00	
1284	Live oak	11.5	674.1	92.1	338.6	32.3	32.2	0.01	4.12	0.05	10.26	0.00	9.24	0.00	0.00	0.00	
1285	Live oak	7.2	418.6	57.2	197.5	20.0	18.8	0.01	2.56	0.03	5.98	0.00	5.39	0.00	0.00	0.00	
1286	Live oak	2.5	144.3	19.7	73.9	6.9	7.0	0.00	0.88	0.01	2.24	0.00	2.02	0.00	0.00	0.00	
1287	washingtonia spp	1.2	68.6	9.4	44.4	3.3	4.2	0.00	0.42	0.00	1.34	0.00	1.21	0.00	0.00	0.00	
1288	washingtonia spp	1.2	73.1	10.0	46.6	3.5	4.4	0.00	0.45	0.01	1.41	0.00	1.27	0.00	0.00	0.00	
1289	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	0.00	0.00	0.00	
1290	washingtonia spp	0.9	51.6	7.0	33.6	2.5	3.2	0.00	0.31	0.00	1.02	0.00	0.92	0.00	0.00	0.00	
1291	washingtonia spp	1.2	67.5	9.2	42.3	3.2	4.0	0.00	0.41	0.00	1.28	0.00	1.15	0.00	0.00	0.00	
1292	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	0.00	0.00	0.00	
1293	Live oak	8.1	471.6	64.4	220.5	22.6	21.0	0.01	2.88	0.03	6.68	0.00	6.02	0.00	0.00	0.00	
1294	Crimson bottlebrush	0.2	14.0	1.9	21.5	0.7	2.0	0.00	0.09	0.00	0.65	0.00	0.59	0.00	0.00	0.00	
1295	Crimson bottlebrush	0.3	16.3	2.2	25.3	0.8	2.4	0.00	0.10	0.00	0.77	0.00	0.69	0.00	0.00	0.00	
1296	Crimson bottlebrush	0.4	22.2	3.0	35.5	1.1	3.4	0.00	0.14	0.00	1.07	0.00	0.97	0.00	0.00	0.00	
1297	Crimson bottlebrush	0.4	25.0	3.4	38.4	1.2	3.6	0.00	0.15	0.00	1.16	0.00	1.05	0.00	0.00	0.00	
1298	Crimson bottlebrush	0.5	26.6	3.6	42.9	1.3	4.1	0.00	0.16	0.00	1.30	0.00	1.17	0.00	0.00	0.00	
1299	Crimson bottlebrush	0.4	22.8	3.1	36.2	1.1	3.4	0.00	0.14	0.00	1.10	0.00	0.99	0.00	0.00	0.00	
1300	Crimson bottlebrush	0.5	29.4	4.0	44.8	1.4	4.3	0.00	0.18	0.00	1.36	0.00	1.22	0.00	0.00	0.00	
1301	Cabbage palmetto	1.3	78.8	10.8	45.5	3.8	4.3	0.00	0.48	0.01	1.38	0.00	1.24	0.00	0.00	0.00	
1302	Cabbage palmetto	1.4	79.4	10.8	46.6	3.8	4.4	0.00	0.48	0.01	1.41	0.00	1.27	0.00	0.00	0.00	
1303	Cabbage palmetto	1.4	83.9	11.5	47.9	4.0	4.6	0.00	0.51	0.01	1.45	0.00	1.31	0.00	0.00	0.00	
1304	Cabbage palmetto	1.2	70.7	9.7	43.4	3.4	4.1	0.00	0.43	0.00	1.32	0.00	1.18	0.00	0.00	0.00	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)										Removal Value (\$/yr) ¹					VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs				
1305	Cabbage palmetto	0.9	55.2	7.5	38.0	2.6	3.6	0.00	0.34	0.00	1.15	0.00	1.04	114.50	4.78	119.29				
1306	Live oak	3.0	177.6	24.3	88.6	8.5	8.4	0.00	1.08	0.01	2.68	0.00	2.42	0.00	0.00	0.00				
1307	Live oak	4.1	238.0	32.5	118.7	11.4	11.3	0.00	1.45	0.02	3.60	0.00	3.24	0.00	0.00	0.00				
1308	Cabbage palmetto	1.9	108.8	14.9	61.0	5.2	5.8	0.00	0.66	0.01	1.85	0.00	1.66	225.81	9.43	235.24				
1309	Cabbage palmetto	2.7	156.9	21.4	86.8	7.5	8.2	0.00	0.96	0.01	2.63	0.00	2.37	325.55	13.60	339.14				
1310	Cabbage palmetto	2.7	156.9	21.4	86.8	7.5	8.2	0.00	0.96	0.01	2.63	0.00	2.37	325.55	13.60	339.14				
1311	Live oak	8.0	466.7	63.8	222.2	22.3	21.1	0.00	2.85	0.03	6.73	0.00	6.06	0.00	0.00	0.00				
1312	Southern magnolia	0.7	43.0	5.9	31.1	2.1	3.0	0.00	0.26	0.00	0.94	0.00	0.85	0.64	111.89	112.52				
1313	Southern magnolia	1.0	56.3	7.7	40.0	2.7	3.8	0.00	0.34	0.00	1.21	0.00	1.09	0.83	146.45	147.28				
1314	Live oak	9.3	544.2	74.4	262.1	26.1	24.9	0.01	3.32	0.04	7.94	0.00	7.15	0.00	0.00	0.00				
1315	Crimson bottlebrush	0.3	16.3	2.2	25.3	0.8	2.4	0.00	0.77	0.00	0.94	0.00	0.69	34.09	0.00	34.09				
1316	Crimson bottlebrush	0.3	20.2	2.8	30.9	1.0	2.9	0.00	0.12	0.00	0.94	0.00	0.84	42.22	0.00	42.22				
1317	Crimson bottlebrush	0.4	25.5	3.5	40.8	1.2	3.9	0.00	0.16	0.00	1.24	0.00	1.11	53.31	0.00	53.31				
1318	Crimson bottlebrush	0.5	31.9	4.4	46.4	1.5	4.4	0.00	0.19	0.00	1.40	0.00	1.27	66.63	0.00	66.63				
1319	Live oak	7.4	435.3	59.5	202.0	20.8	19.2	0.01	2.66	0.03	6.12	0.00	5.51	0.00	0.00	0.00				
1320	Crimson bottlebrush	0.3	17.0	2.3	24.0	0.8	2.3	0.00	0.10	0.00	0.73	0.00	0.65	35.49	0.00	35.49				
1321	Crimson bottlebrush	0.3	18.5	2.5	26.8	0.9	2.5	0.00	0.11	0.00	0.81	0.00	0.73	38.58	0.00	38.58				
1322	Crimson bottlebrush	0.4	24.1	3.3	33.3	1.2	3.2	0.00	0.15	0.00	1.01	0.00	0.91	50.36	0.00	50.36				
1323	washingtonia spp	1.5	87.8	12.0	53.2	4.2	5.1	0.00	0.54	0.01	1.61	0.00	1.45	182.21	7.61	189.82				
1324	washingtonia spp	1.4	81.8	11.2	48.7	3.9	4.6	0.00	0.50	0.01	1.48	0.00	1.33	169.81	7.09	176.91				
1325	Southern magnolia	0.8	46.1	6.3	32.8	2.2	3.1	0.00	0.28	0.00	0.99	0.00	0.90	0.68	119.92	120.60				
1326	Live oak	7.6	442.9	60.5	209.9	21.2	20.0	0.01	2.71	0.03	6.36	0.00	5.73	0.00	0.00	0.00				
1327	Live oak	10.4	609.7	83.3	286.2	29.2	27.2	0.01	3.72	0.04	8.67	0.00	7.81	0.00	0.00	0.00				
1328	Live oak	9.7	570.1	77.9	265.8	27.3	25.3	0.01	3.48	0.04	8.05	0.00	7.25	0.00	0.00	0.00				
1329	Live oak	8.5	495.0	67.6	225.6	23.7	21.4	0.01	3.02	0.03	6.83	0.00	6.16	0.00	0.00	0.00				
1330	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00				
1331	Coconut palm	3.1	178.5	24.4	103.0	8.5	9.8	0.00	1.09	0.01	3.12	0.00	2.81	480.82	12.37	493.19				
1332	Coconut palm	1.8	107.2	14.6	65.9	5.1	6.3	0.00	0.65	0.01	2.00	0.00	1.80	288.71	7.43	296.14				
1333	Earleaf acacia	9.1	531.7	72.7	248.8	25.5	23.7	0.01	3.25	0.04	7.54	0.00	6.79	7.88	1,382.17	1,390.05				
1334	Brazilian pepper	1.4	82.6	11.3	139.4	4.0	13.2	0.00	0.50	0.01	4.22	0.00	3.80	0.00	243.27	243.27				
1335	Cabbage palmetto	1.6	91.9	12.6	54.9	4.4	5.2	0.00	0.56	0.01	1.66	0.00	1.50	190.56	7.96	198.52				
1336	Earleaf acacia	4.4	256.4	35.0	122.2	12.3	11.6	0.01	1.57	0.02	3.70	0.00	3.33	3.80	666.56	670.36				
1337	Brazilian pepper	1.0	58.2	8.0	100.3	2.8	9.5	0.00	0.36	0.00	3.04	0.00	2.74	0.00	171.47	171.47				
1338	Cabbage palmetto	1.1	65.7	9.0	40.3	3.1	3.8	0.00	0.40	0.00	1.22	0.00	1.10	136.38	5.70	142.07				
1339	Brazilian pepper	0.6	37.3	5.1	64.2	1.8	6.1	0.00	0.23	0.00	1.94	0.00	1.75	0.00	109.77	109.77				
1340	Earleaf acacia	11.0	646.0	88.3	336.8	30.9	32.0	0.01	3.95	0.04	10.20	0.00	9.19	9.57	1,679.23	1,688.80				
1341	Brazilian pepper	2.9	171.1	23.4	284.7	8.2	27.1	0.00	1.05	0.01	8.62	0.00	7.77	0.00	503.94	503.94				
1342	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30				
1343	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30				
1344	washingtonia spp	1.6	93.6	12.8	56.1	4.5	5.3	0.00	0.57	0.01	1.70	0.00	1.53	194.19	8.11	202.30				
1345	Brazilian pepper	0.4	21.1	2.9	100.6	1.0	9.6	0.00	0.13	0.00	3.05	0.00	2.74	0.00	62.10	62.10				
1346	Earleaf acacia	10.8	630.0	86.1	304.3	30.2	28.9	0.01	3.85	0.04	9.22	0.00	8.30	9.34	1,637.69	1,647.03				
1347	Earleaf acacia	5.7	334.6	45.7	157.4	16.0	15.0	0.01	2.04	0.02	4.77	0.00	4.29	4.96	869.90	874.86				
1348	Brazilian pepper	1.8	106.0	14.5	158.0	5.1	15.0	0.00	0.65	0.01	4.79	0.00	4.31	0.00	312.10	312.10				
1349	Earleaf acacia	9.4	552.2	75.5	257.7	26.4	24.5	0.01	3.37	0.04	7.81	0.00	7.03	8.18	1,435.58	1,443.76				

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1350	Earleaf acacia	4.9	285.2	39.0	131.4	13.7	12.5	0.01	1.74	0.02	3.98	0.00	3.58	4.23	741.26	745.49	
1351	Earleaf acacia	2.8	163.4	22.3	82.0	7.8	7.8	0.00	1.00	0.01	2.48	0.00	2.24	2.42	424.83	427.25	
1352	Earleaf acacia	10.8	632.7	86.4	310.5	30.3	29.5	0.01	3.86	0.04	9.40	0.00	8.47	9.38	1,644.67	1,654.00	
1353	Live oak	10.6	618.6	84.5	358.0	29.6	34.0	0.01	3.78	0.04	10.84	0.00	9.77	0.00	0.00	0.00	
1354	Earleaf acacia	11.9	696.1	95.1	308.2	33.3	29.3	0.01	4.25	0.05	9.34	0.00	8.41	10.32	1,809.44	1,819.75	
1355	Earleaf acacia	7.0	407.3	55.7	172.0	19.5	16.3	0.01	2.49	0.03	5.21	0.00	4.69	6.04	1,058.75	1,064.78	
1356	Earleaf acacia	7.4	435.7	59.5	184.4	20.9	17.5	0.01	2.66	0.03	5.59	0.00	5.03	6.46	1,132.58	1,139.03	
1357	Earleaf acacia	4.9	285.8	39.1	122.5	13.7	11.6	0.01	1.75	0.02	3.71	0.00	3.34	4.24	743.01	747.24	
1358	Earleaf acacia	3.4	200.0	27.3	92.3	9.6	8.8	0.00	1.22	0.01	2.80	0.00	2.52	2.96	519.95	522.91	
1359	Earleaf acacia	11.5	670.7	91.6	276.2	32.1	26.3	0.01	4.10	0.05	8.37	0.00	7.54	9.94	1,743.46	1,753.40	
1360	Earleaf acacia	4.4	255.3	34.9	115.6	12.2	11.0	0.01	1.56	0.02	3.50	0.00	3.15	3.78	663.59	667.38	
1361	Earleaf acacia	8.0	470.7	64.3	208.4	22.5	19.8	0.01	2.88	0.03	6.31	0.00	5.69	6.98	1,223.69	1,230.66	
1362	Earleaf acacia	10.2	597.2	81.6	254.8	28.6	24.2	0.01	3.65	0.04	7.72	0.00	6.95	8.85	1,552.34	1,561.19	
1363	Earleaf acacia	11.9	696.1	95.1	301.4	33.3	28.6	0.01	4.25	0.05	9.13	0.00	8.22	10.32	1,809.44	1,819.75	
1364	Earleaf acacia	7.0	407.4	55.7	170.5	19.5	16.2	0.01	2.49	0.03	5.16	0.00	4.65	6.04	1,059.10	1,065.14	
1365	Earleaf acacia	7.2	421.5	57.6	178.2	20.2	16.9	0.01	2.57	0.03	5.40	0.00	4.86	6.25	1,095.58	1,101.82	
1366	Earleaf acacia	8.2	479.0	65.4	200.0	22.9	19.0	0.01	2.93	0.03	6.06	0.00	5.46	7.10	1,245.16	1,252.25	
1367	Earleaf acacia	13.1	768.5	105.0	329.1	36.8	31.3	0.02	4.69	0.05	9.97	0.01	8.98	11.39	1,997.76	2,009.15	
1368	Earleaf acacia	7.7	451.0	61.6	194.6	21.6	18.5	0.01	2.75	0.03	5.89	0.00	5.31	6.68	1,172.37	1,179.06	
1369	Earleaf acacia	10.2	596.3	81.5	256.5	28.5	24.4	0.01	3.64	0.04	7.77	0.00	7.00	8.84	1,550.07	1,558.91	
1370	Earleaf acacia	8.9	519.9	71.0	224.2	24.9	21.3	0.01	3.18	0.04	6.79	0.00	6.12	7.71	1,351.62	1,359.33	
1371	Earleaf acacia	7.7	448.8	61.3	201.4	21.5	19.1	0.01	2.74	0.03	6.10	0.00	5.50	6.65	1,166.79	1,173.44	
1372	Earleaf acacia	8.9	520.6	71.1	238.7	24.9	22.7	0.01	3.18	0.04	7.23	0.00	6.51	7.72	1,353.37	1,361.08	
1373	Earleaf acacia	9.4	551.2	75.3	255.1	26.4	24.2	0.01	3.37	0.04	7.73	0.00	6.96	8.17	1,432.96	1,441.13	
1374	Earleaf acacia	8.3	487.7	66.6	219.7	23.3	20.9	0.01	2.98	0.03	6.66	0.00	5.99	7.23	1,267.67	1,274.90	
1375	Coconut palm	4.2	243.3	33.2	137.8	11.6	13.1	0.01	1.49	0.02	4.17	0.00	3.76	653.38	16.86	672.25	
1376	Earleaf acacia	5.3	311.0	42.5	130.5	14.9	12.4	0.01	1.90	0.02	3.95	0.00	3.56	4.61	808.46	813.07	
1377	Earleaf acacia	3.2	186.7	25.5	84.1	8.9	8.0	0.00	1.14	0.01	2.55	0.00	2.29	2.77	485.22	487.98	
1378	Earleaf acacia	3.5	202.5	27.7	93.1	9.7	8.9	0.00	1.24	0.01	2.82	0.00	2.54	3.00	526.41	529.41	
1379	Earleaf acacia	6.3	367.1	50.2	159.2	17.6	15.1	0.01	2.24	0.03	4.82	0.00	4.34	5.44	954.37	959.82	
1380	Coconut palm	3.3	192.8	26.3	114.6	9.2	10.9	0.00	1.18	0.01	3.47	0.00	3.13	519.35	13.36	532.71	
1381	Coconut palm	4.3	250.8	34.3	148.1	12.0	14.1	0.01	1.53	0.02	4.48	0.00	4.04	675.64	17.38	693.03	
1382	Coconut palm	2.6	153.2	20.9	91.4	7.3	8.7	0.00	0.94	0.01	2.77	0.00	2.49	412.80	10.62	423.42	
1383	Earleaf acacia	8.3	486.4	66.5	217.3	23.3	20.7	0.01	2.97	0.03	6.58	0.00	5.93	7.21	1,264.35	1,271.56	
1384	Coconut palm	2.4	143.1	19.6	84.5	6.9	8.0	0.00	0.87	0.01	2.56	0.00	2.31	385.49	9.92	395.41	
1385	Coconut palm	5.0	292.8	40.0	162.0	14.0	15.4	0.01	1.79	0.02	4.91	0.00	4.42	788.88	20.30	809.18	
1386	Coconut palm	5.5	322.8	44.1	165.2	15.5	15.7	0.01	1.97	0.02	5.00	0.00	4.51	869.56	22.37	891.94	
1387	Coconut palm	2.2	127.5	17.4	76.3	6.1	7.3	0.00	0.78	0.01	2.31	0.00	2.08	343.52	8.84	352.36	
1388	Earleaf acacia	6.1	356.5	48.7	157.4	17.1	15.0	0.01	2.18	0.02	4.77	0.00	4.29	5.28	926.62	931.91	
1389	Coconut palm	2.9	168.6	23.0	97.3	8.1	9.3	0.00	1.01	0.01	2.95	0.00	2.66	454.23	11.69	465.92	
1390	Earleaf acacia	3.6	208.1	28.4	92.3	10.0	8.8	0.00	1.27	0.01	2.80	0.00	2.52	3.08	541.07	544.15	
1391	Coconut palm	2.7	156.3	21.4	95.2	7.5	9.0	0.00	0.95	0.01	2.88	0.00	2.60	421.12	10.84	431.96	
1392	Coconut palm	2.4	138.4	18.9	84.6	6.6	8.0	0.00	0.85	0.01	2.56	0.00	2.31	373.01	9.60	382.60	
1393	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00	
1394	Coconut palm	3.0	175.7	24.0	106.7	8.4	10.1	0.00	1.07	0.01	3.23	0.00	2.91	473.40	12.18	485.58	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1395	Earleaf acacia	4.1	241.2	33.0	133.1	11.6	12.7	0.01	1.47	0.02	4.03	0.00	3.63	3.58	627.12	630.69	
1396	Brazilian pepper	1.2	69.6	9.5	105.9	3.3	10.1	0.00	0.43	0.00	3.21	0.00	2.89	0.00	205.10	205.10	
1397	Earleaf acacia	10.9	637.2	87.1	267.6	30.5	25.4	0.01	3.89	0.04	8.10	0.00	7.30	9.44	1,665.37	1,665.81	
1398	Live oak	7.5	439.4	60.0	215.9	21.0	20.5	0.01	2.68	0.03	6.54	0.00	5.89	0.00	0.00	0.00	
1399	Red maple	1.1	64.7	8.8	100.0	3.1	9.5	0.00	0.40	0.00	3.03	0.00	2.73	0.96	89.72	90.68	
1400	washingtonia spp	1.4	82.4	11.3	50.5	3.9	4.8	0.00	0.50	0.01	1.53	0.00	1.38	170.93	7.14	178.07	
1401	washingtonia spp	1.1	63.9	8.7	41.2	3.1	3.9	0.00	0.39	0.00	1.25	0.00	1.12	132.48	5.53	138.01	
1402	Slash pine	0.3	17.1	2.3	29.2	0.8	2.8	0.00	0.10	0.00	0.88	0.00	0.80	0.25	44.51	44.76	
1403	Cabbage palmetto	1.4	81.6	11.1	50.2	3.9	4.8	0.00	0.50	0.01	1.52	0.00	1.37	169.25	7.07	176.32	
1404	Cabbage palmetto	1.6	91.1	12.4	53.7	4.4	5.1	0.00	0.56	0.01	1.63	0.00	1.47	189.03	7.89	196.93	
1405	Cabbage palmetto	2.2	130.9	17.9	71.2	6.3	6.8	0.00	0.80	0.01	2.16	0.00	1.94	271.64	11.34	282.98	
1406	Southern redcedar	1.7	101.1	13.8	37.4	4.8	3.6	0.00	0.62	0.01	1.13	0.00	1.02	1.50	52.57	54.07	
1407	Southern redcedar	1.6	94.9	13.0	35.6	4.5	3.4	0.00	0.58	0.01	1.08	0.00	0.97	1.41	49.32	50.73	
1408	Southern redcedar	1.6	91.4	12.5	38.0	4.4	3.6	0.00	0.56	0.01	1.15	0.00	1.04	1.35	47.51	48.86	
1409	Live oak	6.1	354.0	48.4	173.8	17.0	16.5	0.01	2.16	0.02	5.26	0.00	4.74	0.00	0.00	0.00	
1410	Southern redcedar	14.3	835.0	114.1	264.8	40.0	25.2	0.02	5.10	0.06	8.02	0.01	7.22	12.37	434.10	446.47	
1411	Southern redcedar	8.4	494.0	67.5	157.1	23.7	14.9	0.01	3.02	0.03	4.76	0.00	4.29	7.32	256.84	264.16	
1412	Live oak	5.4	317.8	43.4	151.0	15.2	14.4	0.01	1.94	0.02	4.57	0.00	4.12	0.00	0.00	0.00	
1413	washingtonia spp	1.6	94.3	12.9	58.0	4.5	5.5	0.00	0.58	0.01	1.76	0.00	1.58	195.59	8.17	203.75	
1414	Slash pine	0.7	38.9	5.3	47.7	1.9	4.5	0.00	0.24	0.00	1.45	0.00	1.30	0.58	101.23	101.81	
1415	Slash pine	0.4	22.5	3.1	29.8	1.1	2.8	0.00	0.14	0.00	0.90	0.00	0.81	0.33	58.47	58.81	
1416	Southern redcedar	2.1	120.8	16.5	41.4	5.8	3.9	0.00	0.74	0.01	1.25	0.00	1.13	1.79	62.80	64.59	
1417	Southern redcedar	4.0	231.8	31.7	78.9	11.1	7.5	0.00	1.42	0.02	2.39	0.00	2.15	3.43	120.50	123.93	
1418	Live oak	2.5	144.4	19.7	78.9	6.9	7.5	0.00	0.88	0.01	2.39	0.00	2.15	0.00	0.00	0.00	
1419	washingtonia spp	1.2	68.0	9.3	43.3	3.3	4.1	0.00	0.42	0.00	1.31	0.00	1.18	141.12	5.89	147.01	
1420	Live oak	5.6	330.1	45.1	163.3	15.8	15.5	0.01	2.02	0.02	4.95	0.00	4.45	0.00	0.00	0.00	
1421	washingtonia spp	1.5	88.6	12.1	55.2	4.2	5.2	0.00	0.54	0.01	1.67	0.00	1.51	183.88	7.68	191.56	
1422	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
1423	washingtonia spp	1.8	106.4	14.5	61.7	5.1	5.9	0.00	0.65	0.01	1.87	0.00	1.68	220.66	9.22	229.88	
1424	washingtonia spp	0.8	44.7	6.1	29.4	2.1	2.8	0.00	0.27	0.00	0.89	0.00	0.80	92.78	3.87	96.65	
1425	washingtonia spp	1.0	58.1	7.9	35.5	2.8	3.4	0.00	0.35	0.00	1.08	0.00	0.97	120.50	5.03	125.53	
1426	washingtonia spp	1.3	77.3	10.6	47.9	3.7	4.6	0.00	0.47	0.01	1.45	0.00	1.31	160.34	6.70	167.04	
1427	Cabbage palmetto	2.1	124.1	17.0	70.7	5.9	6.7	0.00	0.76	0.01	2.14	0.00	1.93	257.57	10.76	268.32	
1428	Live oak	7.1	416.0	56.8	200.0	19.9	19.0	0.01	2.54	0.03	6.06	0.00	5.46	0.00	0.00	0.00	
1429	Slash pine	0.9	54.3	7.4	60.0	2.6	5.7	0.00	0.33	0.00	1.82	0.00	1.64	0.80	141.03	141.83	
1430	Live oak	5.7	330.7	45.2	153.8	15.8	14.8	0.01	2.02	0.02	4.72	0.00	4.25	0.00	0.00	0.00	
1431	Cabbage palmetto	1.3	76.0	10.4	46.7	3.6	4.4	0.00	0.46	0.01	1.42	0.00	1.28	157.69	6.59	164.27	
1432	Cabbage palmetto	2.0	115.8	15.8	64.2	5.5	6.1	0.00	0.71	0.01	1.94	0.00	1.75	240.15	10.03	250.18	
1433	Cabbage palmetto	2.5	148.2	20.2	82.7	7.1	7.9	0.00	0.91	0.01	2.51	0.00	2.26	307.44	12.84	320.28	
1434	Live oak	2.2	127.8	17.5	72.8	6.1	6.9	0.00	0.78	0.01	2.20	0.00	1.99	0.00	0.00	0.00	
1435	Cabbage palmetto	1.6	95.7	13.1	54.2	4.6	5.1	0.00	0.58	0.01	1.64	0.00	1.46	198.64	8.30	206.94	
1436	Live oak	0.8	44.8	6.1	24.2	2.1	2.3	0.00	0.27	0.00	0.73	0.00	0.66	0.00	0.00	0.00	
1437	Cabbage palmetto	2.4	139.3	19.0	76.8	6.7	7.3	0.00	0.85	0.01	2.33	0.00	2.09	289.05	12.07	301.12	
1438	Cabbage palmetto	1.9	108.8	14.9	61.0	5.2	5.8	0.00	0.66	0.01	1.85	0.00	1.66	225.81	9.43	235.24	
1439	Cabbage palmetto	1.6	94.9	13.0	50.8	4.5	4.8	0.00	0.58	0.01	1.54	0.00	1.38	196.83	8.22	205.05	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)		
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs
1440	Cabbage palmetto	1.1	63.0	8.6	35.5	3.0	3.4	0.00	0.39	0.00	1.08	0.00	0.97	130.80	5.46	136.27
1441	Cabbage palmetto	1.2	72.9	10.0	41.4	3.5	3.9	0.00	0.45	0.01	1.25	0.00	1.13	151.28	6.32	157.60
1442	Cabbage palmetto	1.0	56.6	7.7	34.5	2.7	3.3	0.00	0.35	0.00	1.05	0.00	0.94	117.43	4.90	122.33
1443	Cabbage palmetto	1.3	73.9	10.1	43.3	3.5	4.1	0.00	0.45	0.01	1.31	0.00	1.18	153.37	6.41	159.78
1444	Live oak	7.8	455.6	62.2	231.5	21.8	22.0	0.01	2.78	0.03	7.01	0.00	6.32	0.00	0.00	0.00
1445	Cabbage palmetto	1.4	83.2	11.4	46.1	4.0	4.4	0.00	0.51	0.01	1.40	0.00	1.26	172.59	7.21	179.80
1446	Southern redcedar	2.1	120.0	16.4	46.0	5.7	4.4	0.00	0.73	0.01	1.39	0.00	1.25	1.78	62.38	64.16
1447	Southern redcedar	2.4	138.4	18.9	53.0	6.6	5.0	0.00	0.85	0.01	1.60	0.00	1.44	2.05	71.98	74.03
1448	Coconut palm	2.3	135.7	18.5	81.1	6.5	7.7	0.00	0.83	0.01	2.46	0.00	2.21	365.59	9.41	375.00
1449	Cabbage palmetto	0.9	55.1	7.5	31.8	2.6	3.0	0.00	0.34	0.00	0.96	0.00	0.87	114.23	4.77	119.00
1450	Cabbage palmetto	1.0	59.4	8.1	34.4	2.8	3.3	0.00	0.36	0.00	1.04	0.00	0.94	123.14	5.14	128.28
1451	Cabbage palmetto	0.8	44.9	6.1	27.1	2.1	2.6	0.00	0.27	0.00	0.82	0.00	0.74	93.05	3.89	96.94
1452	Slash pine	0.2	10.7	1.5	13.3	0.5	1.3	0.00	0.07	0.00	0.40	0.00	0.36	0.16	27.93	28.09
1453	Slash pine	0.1	3.7	0.5	10.7	0.2	1.0	0.00	0.02	0.00	0.32	0.00	0.29	0.05	9.60	9.65
1454	Coconut palm	3.0	175.7	24.0	106.7	8.4	10.1	0.00	1.07	0.01	3.23	0.00	2.91	473.40	12.18	485.58
1455	Coconut palm	2.2	126.0	17.2	86.4	6.0	8.2	0.00	0.77	0.01	2.62	0.00	2.36	339.54	8.74	348.28
1456	Coconut palm	1.8	105.0	14.3	68.0	5.0	6.5	0.00	0.64	0.01	2.06	0.00	1.86	282.92	7.28	290.20
1457	Slash pine	0.6	36.0	4.9	46.4	1.7	4.4	0.00	0.22	0.00	1.41	0.00	1.27	0.53	93.55	94.09
1458	Slash pine	1.4	79.6	10.9	81.4	3.8	7.7	0.00	0.49	0.01	2.46	0.00	2.22	1.18	206.83	208.01
1459	Live oak	6.6	388.1	53.0	176.9	18.6	16.8	0.01	2.37	0.03	5.36	0.00	4.83	0.00	0.00	0.00
1460	Cabbage palmetto	1.3	73.9	10.1	43.3	3.5	4.1	0.00	0.45	0.01	1.31	0.00	1.18	153.37	6.41	159.78
1461	Cabbage palmetto	1.4	83.9	11.5	47.9	4.0	4.6	0.00	0.51	0.01	1.45	0.00	1.31	174.13	7.27	181.40
1462	Cabbage palmetto	1.5	89.9	12.3	51.5	4.3	4.9	0.00	0.55	0.01	1.56	0.00	1.40	186.52	7.79	194.31
1463	Cabbage palmetto	1.7	101.7	13.9	56.1	4.9	5.3	0.00	0.62	0.01	1.70	0.00	1.53	210.90	8.81	219.71
1464	Cabbage palmetto	1.6	96.2	13.1	55.2	4.6	5.2	0.00	0.59	0.01	1.67	0.00	1.51	199.62	8.34	207.95
1465	Cabbage palmetto	1.2	67.9	9.3	38.3	3.3	3.6	0.00	0.41	0.00	1.16	0.00	1.05	140.83	5.88	146.71
1466	Cabbage palmetto	1.1	63.0	8.6	35.5	3.0	3.4	0.00	0.39	0.00	1.08	0.00	0.97	130.80	5.46	136.27
1467	Live oak	0.7	38.5	5.3	54.4	1.8	5.2	0.00	0.24	0.00	1.65	0.00	1.48	0.00	0.00	0.00
1468	Coconut palm	2.0	119.6	16.3	71.6	5.7	6.8	0.00	0.73	0.01	2.17	0.00	1.95	322.36	8.29	330.65
1469	Coconut palm	1.8	107.2	14.6	65.9	5.1	6.3	0.00	0.65	0.01	2.00	0.00	1.80	288.71	7.43	296.14
1470	Coconut palm	1.7	97.5	13.3	70.7	4.7	6.7	0.00	0.60	0.01	2.14	0.00	1.93	262.66	6.76	269.42
1471	Coconut palm	1.8	107.3	14.7	80.5	5.1	7.7	0.00	0.66	0.01	2.44	0.00	2.20	289.07	7.44	296.51
1472	Live oak	6.7	391.4	53.5	187.6	18.7	17.8	0.01	2.39	0.03	5.68	0.00	5.12	0.00	0.00	0.00
1473	Slash pine	0.7	43.5	5.9	51.4	2.1	4.9	0.00	0.27	0.00	1.56	0.00	1.40	0.64	113.10	113.75
1474	Slash pine	0.4	24.9	3.4	30.0	1.2	2.9	0.00	0.15	0.00	0.91	0.00	0.82	0.37	64.76	65.12
1475	Slash pine	0.5	27.1	3.7	31.8	1.3	3.0	0.00	0.17	0.00	0.96	0.00	0.87	0.40	70.34	70.74
1476	Slash pine	0.5	30.5	4.2	33.7	1.5	3.2	0.00	0.19	0.00	1.02	0.00	0.92	0.45	79.42	79.87
1477	Cabbage palmetto	1.2	68.3	9.3	39.2	3.3	3.7	0.00	0.42	0.00	1.19	0.00	1.07	141.67	5.92	147.59
1478	Slash pine	0.6	33.4	4.6	39.4	1.6	3.7	0.00	0.20	0.00	1.19	0.00	1.07	0.50	86.92	87.42
1479	Slash pine	0.7	38.9	5.3	47.7	1.9	4.5	0.00	0.24	0.00	1.30	0.00	1.30	0.58	101.23	101.81
1480	Slash pine	0.9	50.4	6.9	61.2	2.4	5.8	0.00	0.31	0.00	1.85	0.00	1.67	0.75	130.91	131.65
1481	Slash pine	0.4	21.4	2.9	28.0	1.0	2.7	0.00	0.13	0.00	0.85	0.00	0.76	0.32	55.50	55.82
1482	Slash pine	1.5	87.5	12.0	84.6	4.2	8.0	0.00	0.53	0.01	2.56	0.00	2.31	1.30	227.43	228.73
1483	Cabbage palmetto	0.6	36.7	5.0	25.4	1.8	2.4	0.00	0.22	0.00	0.77	0.00	0.69	76.20	3.18	79.38
1484	Live oak	5.4	317.4	43.4	169.1	15.2	16.1	0.01	1.94	0.02	5.12	0.00	4.61	0.00	0.00	0.00

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1485	Live oak	5.9	342.4	46.8	169.5	16.4	16.1	0.01	2.09	0.02	5.13	0.00	4.62	0.00	0.00	0.00	
1486	Cabbage palmetto	1.2	70.7	9.7	43.4	3.4	4.1	0.00	0.43	0.00	1.32	0.00	1.18	146.68	6.13	152.81	
1487	Live oak	5.6	329.5	45.0	161.5	15.8	15.4	0.01	2.01	0.02	4.89	0.00	4.41	0.00	0.00	0.00	
1488	Cabbage palmetto	0.9	50.4	6.9	32.5	2.4	3.1	0.00	0.31	0.00	0.89	0.00	0.89	104.61	4.37	108.98	
1489	Live oak	4.6	271.6	37.1	135.5	13.0	12.9	0.01	1.66	0.02	4.10	0.00	3.70	0.00	0.00	0.00	
1490	Live oak	3.4	196.7	26.9	98.1	9.4	9.3	0.00	1.20	0.01	2.97	0.00	2.68	0.00	0.00	0.00	
1491	Live oak	6.3	366.7	50.1	175.2	17.6	16.7	0.01	2.24	0.03	5.31	0.00	4.78	0.00	0.00	0.00	
1492	Cabbage palmetto	1.2	68.3	9.3	39.2	3.3	3.7	0.00	0.42	0.00	1.19	0.00	1.07	141.67	5.92	147.59	
1493	Cabbage palmetto	1.4	84.5	11.5	49.0	4.0	4.7	0.00	0.52	0.01	1.48	0.00	1.34	175.24	7.32	182.56	
1494	Live oak	6.1	354.6	48.5	175.7	17.0	16.7	0.01	2.17	0.02	5.32	0.00	4.79	0.00	0.00	0.00	
1495	Cabbage palmetto	1.3	78.8	10.8	45.5	3.8	4.3	0.00	0.48	0.01	1.38	0.00	1.24	163.40	6.82	170.22	
1496	Live oak	7.4	431.4	58.9	218.7	20.7	20.8	0.01	2.64	0.03	6.62	0.00	5.97	0.00	0.00	0.00	
1497	Live oak	8.2	478.7	65.4	219.6	22.9	20.9	0.01	2.92	0.03	6.65	0.00	5.99	0.00	0.00	0.00	
1498	Cabbage palmetto	1.2	67.9	9.3	38.3	3.3	3.6	0.00	0.41	0.00	1.16	0.00	1.05	140.83	5.88	146.71	
1499	Live oak	7.9	463.9	63.4	224.9	22.2	21.4	0.01	2.83	0.03	6.81	0.00	6.13	0.00	0.00	0.00	
1500	Cabbage palmetto	1.3	78.8	10.8	45.5	3.8	4.3	0.00	0.48	0.01	1.38	0.00	1.24	163.40	6.82	170.22	
1501	Cabbage palmetto	1.3	73.9	10.1	43.3	3.5	4.1	0.00	0.45	0.01	1.31	0.00	1.18	153.37	6.41	159.78	
1502	Live oak	6.5	380.1	51.9	180.1	18.2	17.1	0.01	2.32	0.03	5.46	0.00	4.91	0.00	0.00	0.00	
1503	Live oak	8.8	517.7	70.7	258.5	24.8	24.6	0.01	3.16	0.04	7.83	0.00	7.05	0.00	0.00	0.00	
1504	Live oak	9.7	565.0	77.2	265.9	27.1	25.3	0.01	3.45	0.04	8.05	0.00	7.25	0.00	0.00	0.00	
1505	Wild tamarind	1.5	89.5	12.2	88.6	4.3	8.4	0.00	0.55	0.01	2.68	0.00	2.42	123.54	25.35	148.89	
1506	Wild lime	0.6	34.0	4.6	49.5	1.6	4.7	0.00	0.21	0.00	1.50	0.00	1.35	0.34	3.92	4.26	
1507	Wild tamarind	1.7	99.8	13.6	89.4	4.8	8.5	0.00	0.61	0.01	2.71	0.00	2.44	137.81	28.28	166.09	
1508	Live oak	7.2	419.9	57.4	198.0	20.1	18.8	0.01	2.57	0.03	6.00	0.00	5.40	0.00	0.00	0.00	
1509	Wild tamarind	1.2	70.3	9.6	63.9	3.4	6.1	0.00	0.43	0.00	1.94	0.00	1.74	97.03	19.91	116.94	
1510	Wild lime	0.3	20.3	2.8	38.5	1.0	3.7	0.00	0.12	0.00	1.17	0.00	1.05	0.20	2.35	2.55	
1511	Live oak	8.5	495.0	67.6	225.6	23.7	21.4	0.01	3.02	0.03	6.83	0.00	6.16	0.00	0.00	0.00	
1512	Wild lime	0.5	31.7	4.3	45.3	1.5	4.3	0.00	0.19	0.00	1.37	0.00	1.24	0.31	3.66	3.97	
1513	Coconut palm	3.5	207.3	28.3	114.1	9.9	10.8	0.00	1.27	0.01	3.46	0.00	3.11	58.42	14.37	572.79	
1514	Baldcypress	3.7	215.3	29.4	129.4	10.3	12.3	0.00	1.32	0.01	3.92	0.00	3.53	3.19	59.76	562.95	
1515	Dahoon	0.7	43.0	5.9	33.3	2.1	3.2	0.00	0.26	0.00	1.01	0.00	0.91	0.64	7.46	8.09	
1516	Dahoon	0.4	25.2	3.4	21.0	1.2	2.0	0.00	0.15	0.00	0.64	0.00	0.57	0.37	4.37	4.75	
1517	Dahoon	0.4	25.2	3.4	21.0	1.2	2.0	0.00	0.15	0.00	0.64	0.00	0.57	0.37	4.37	4.75	
1518	Sugarberry	0.2	12.3	1.7	18.1	0.6	1.7	0.00	0.08	0.00	0.55	0.00	0.49	0.18	2.13	2.32	
1519	Live oak	2.6	152.1	20.8	85.7	7.3	8.1	0.00	0.93	0.01	2.60	0.00	2.34	0.00	0.00	0.00	
1520	Pond apple	0.1	8.4	1.1	13.3	0.4	1.3	0.00	0.05	0.00	0.40	0.00	0.36	0.00	0.00	0.00	
1521	Redbay	0.5	30.2	4.1	47.7	1.4	4.5	0.00	0.18	0.00	1.44	0.00	1.30	0.45	15.70	16.15	
1522	Dahoon	0.4	22.8	3.1	20.9	1.1	2.0	0.00	0.14	0.00	0.63	0.00	0.57	0.34	3.94	4.28	
1523	Southern bayberry	0.5	31.8	4.3	10.8	1.5	1.0	0.00	0.19	0.00	0.33	0.00	0.29	0.47	66.25	66.72	
1524	Coco plum	0.1	8.5	1.2	14.6	0.4	1.4	0.00	0.05	0.00	0.44	0.00	0.40	0.06	0.21	0.27	
1525	Coco plum	0.2	8.9	1.2	14.3	0.4	1.4	0.00	0.05	0.00	0.43	0.00	0.39	0.06	0.22	0.28	
1526	Coco plum	0.1	6.7	0.9	11.1	0.3	1.1	0.00	0.04	0.00	0.34	0.00	0.30	0.05	0.16	0.21	
1527	Coco plum	0.1	3.7	0.5	8.0	0.2	0.2	0.00	0.02	0.00	0.24	0.00	0.22	0.03	0.09	0.12	
1528	Coco plum	0.1	7.3	1.0	11.7	0.3	1.1	0.00	0.04	0.00	0.35	0.00	0.32	0.05	0.18	0.23	
1529	Coco plum	0.2	11.2	1.5	18.0	0.5	1.7	0.00	0.07	0.00	0.54	0.00	0.49	0.08	0.27	0.35	

APPENDIX II: INDIVIDUAL POLLUTANT EFFECTS

Tree ID	Species Name	Pollution Removed (g/yr)						Removal Value (\$/yr) ¹						VOC Emission (g/yr)			
		CO	O3	NO2	PM10	SO2	PM2.5	CO	O3	NO2	PM10	SO2	PM2.5	Isoprene	Monoterpene	Vocs	
1530	Coco plum	0.2	9.0	1.2	12.9	0.4	1.2	0.00	0.05	0.00	0.39	0.00	0.35	0.06	0.22	0.28	
1531	Live oak	4.8	281.7	38.5	136.2	13.5	12.9	0.01	1.72	0.02	4.13	0.00	3.72	0.00	0.00	0.00	
1532	Coco plum	0.2	13.8	1.9	23.5	0.7	2.2	0.00	0.08	0.00	0.71	0.00	0.64	0.10	0.33	0.43	
1533	ash spp	0.3	20.3	2.8	24.5	1.0	2.3	0.00	0.12	0.00	0.74	0.00	0.67	0.30	1.76	2.07	
1534	Live oak	8.2	478.4	65.4	237.9	22.9	22.6	0.01	2.92	0.03	7.21	0.00	6.49	0.00	0.00	0.00	
1535	Florida fishpoison tree	1.7	97.8	13.4	139.5	4.7	13.3	0.00	0.60	0.01	4.22	0.00	3.81	134.88	27.68	162.55	
1536	Live oak	9.8	573.8	78.4	285.5	27.5	27.1	0.01	3.51	0.04	8.65	0.00	7.79	0.00	0.00	0.00	
1537	Royal poinciana	3.0	173.8	23.8	210.5	8.3	20.0	0.00	1.06	0.01	6.38	0.00	5.74	2.58	30.13	32.70	
1538	Royal poinciana	1.9	109.2	14.9	157.8	5.2	15.0	0.00	0.67	0.01	4.78	0.00	4.31	1.62	18.92	20.54	
1539	Royal poinciana	1.2	72.2	9.9	107.1	3.5	10.2	0.00	0.44	0.01	3.24	0.00	2.92	1.07	12.52	13.59	
1540	Royal poinciana	3.0	175.0	23.9	225.7	8.4	21.5	0.00	1.07	0.01	6.84	0.00	6.16	2.59	30.32	32.92	
1541	Royal poinciana	1.8	106.6	14.6	135.7	5.1	12.9	0.00	0.65	0.01	4.11	0.00	3.70	1.58	18.47	20.05	
1542	Live oak	8.7	509.5	69.6	237.9	24.4	22.6	0.01	3.11	0.04	7.21	0.00	6.49	0.00	0.00	0.00	
1543	Paradise tree	1.4	80.2	11.0	97.3	3.8	9.2	0.00	0.49	0.01	2.95	0.00	2.65	0.00	0.00	0.00	
1544	Laurel oak	1.6	94.7	12.9	147.5	4.5	14.0	0.00	0.58	0.01	4.47	0.00	4.02	981.92	16.40	998.32	
1545	Slash pine	1.4	79.6	10.9	85.9	3.8	8.2	0.00	0.49	0.01	2.60	0.00	2.34	1.18	207.01	208.19	
1546	Cabbage palmetto	1.2	70.7	9.7	43.4	3.4	4.1	0.00	0.43	0.00	1.32	0.00	1.18	146.68	6.13	152.81	
1547	Cabbage palmetto	1.0	59.2	8.1	36.5	2.8	3.5	0.00	0.36	0.00	1.11	0.00	1.00	122.86	5.13	127.99	
1548	Slash pine	4.8	278.0	38.0	318.3	13.3	30.3	0.01	1.70	0.02	9.64	0.00	8.68	4.12	722.78	726.90	
1549	Gumbo limbo	0.7	41.3	5.6	61.2	2.0	5.8	0.00	0.25	0.00	1.85	0.00	1.67	51.74	39.35	91.09	
1550	Sea grape	1.8	106.8	14.6	153.7	5.1	14.6	0.00	0.65	0.01	4.65	0.00	4.19	1.58	9.25	10.84	
1551	Gumbo limbo	1.4	84.8	11.6	110.7	4.1	10.5	0.00	0.52	0.01	3.35	0.00	3.02	106.26	80.82	187.08	
1552	West indian mahogany	1.1	66.5	9.1	81.3	3.2	7.7	0.00	0.41	0.00	2.46	0.00	2.22	0.99	5.76	6.75	
1553	Roundleaf blolly	1.0	57.1	7.8	72.4	2.7	6.9	0.00	0.35	0.00	2.19	0.00	1.98	0.85	4.95	5.80	
1554	willow bustic spp	0.8	48.9	6.7	78.9	2.3	7.5	0.00	0.30	0.00	2.39	0.00	2.15	0.00	0.00	0.00	
1555	Redbay	0.4	23.6	3.2	32.8	1.1	3.1	0.00	0.14	0.00	0.99	0.00	0.90	0.35	12.28	12.63	
1556	stopper spp	0.6	34.0	4.7	49.6	1.6	4.7	0.00	0.21	0.00	1.50	0.00	1.35	51.42	0.00	51.42	
1557	button tree spp	0.6	36.8	5.0	55.5	1.8	5.3	0.00	0.22	0.00	1.68	0.00	1.51	59.94	0.00	59.94	
1558	Geiger tree	0.2	9.3	1.3	14.7	0.4	1.4	0.00	0.06	0.00	0.45	0.00	0.40	0.00	0.00	0.00	
	TOTAL	6,399.9	372,097.5	50,843.0	205,394.0	17,815.7	19,523.9	7.97	2,273.02	25.79	6,221.36	2.50	5,603.3	200,904.51	76,068.5	276,973.02	

¹Pollution Removal value is calculated based on the prices of \$1253 per metric ton (CO), \$6109 per metric ton (O3), \$507 per metric ton (NO2), \$140 per metric ton (SO2), \$30290 per metric ton (PM10), \$286997 per metric ton (PM2.5)

²PM10 consists of particulate matter less than 10 microns and greater than 2.5 microns. As PM2.5 is also estimated, the sum of PM10 and PM2.5 provides the total pollution removal and value for particulate matter less than 10 microns.

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1	Live oak	<i>Quercus virginiana</i>	23.4	10.40	Excellent	126.84	0.59	1.39
2	Live oak	<i>Quercus virginiana</i>	40.6	11.90	Excellent	426.91	1.98	4.67
3	Live oak	<i>Quercus virginiana</i>	29.5	11.60	Excellent	447.11	2.08	4.89
4	Live oak	<i>Quercus virginiana</i>	45.7	11.60	Excellent	377.39	1.75	4.12
5	Live oak	<i>Quercus virginiana</i>	38.9	12.80	Excellent	498.19	2.32	5.44
6	Live oak	<i>Quercus virginiana</i>	33.5	8.50	Good	239.38	1.11	2.62
7	Live oak	<i>Quercus virginiana</i>	40.4	11.30	Excellent	461.95	2.15	5.05
8	Washintonia palm	<i>Washingtonia filifera</i>	26.9	12.20	Excellent	52.01	0.24	0.57
9	Washintonia palm	<i>Washingtonia filifera</i>	27.2	11.60	Excellent	48.88	0.23	0.53
10	Washintonia palm	<i>Washingtonia filifera</i>	24.4	13.70	Excellent	102.61	0.48	1.12
11	Washintonia palm	<i>Washingtonia filifera</i>	27.2	14.30	Good	82.15	0.38	0.90
12	Washintonia palm	<i>Washingtonia filifera</i>	33.0	9.80	Dying	4.87	0.02	0.05
13	Washintonia palm	<i>Washingtonia filifera</i>	29.2	10.70	Excellent	61.06	0.28	0.67
14	Washintonia palm	<i>Washingtonia filifera</i>	34.5	12.80	Excellent	116.35	0.54	1.27
15	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.00	Excellent	85.02	0.40	0.93
16	Washintonia palm	<i>Washingtonia filifera</i>	33.0	12.50	Excellent	79.46	0.37	0.87
17	Washintonia palm	<i>Washingtonia filifera</i>	29.7	12.80	Good	51.12	0.24	0.56
18	Royal poinciana	<i>Delonix regia</i>	29.5	9.40	Excellent	286.05	1.33	3.13
19	Royal poinciana	<i>Delonix regia</i>	28.3	9.10	Excellent	208.49	0.97	2.28
20	Royal poinciana	<i>Delonix regia</i>	34.6	11.00	Excellent	432.51	2.01	4.73
21	Washintonia palm	<i>Washingtonia filifera</i>	24.9	10.40	Poor	31.79	0.15	0.35
22	Washintonia palm	<i>Washingtonia filifera</i>	26.7	11.90	Excellent	49.29	0.23	0.54
23	Washintonia palm	<i>Washingtonia filifera</i>	26.2	8.80	Excellent	60.26	0.28	0.66
24	Washintonia palm	<i>Washingtonia filifera</i>	28.4	10.70	Excellent	46.58	0.22	0.51
25	Washintonia palm	<i>Washingtonia filifera</i>	21.6	11.30	Excellent	46.09	0.21	0.50
26	Washintonia palm	<i>Washingtonia filifera</i>	26.9	14.30	Excellent	96.20	0.45	1.05
27	Washintonia palm	<i>Washingtonia filifera</i>	23.6	13.10	Excellent	68.70	0.32	0.75
28	Live oak	<i>Quercus virginiana</i>	19.3	6.40	Excellent	96.21	0.45	1.05
29	Live oak	<i>Quercus virginiana</i>	25.4	6.40	Excellent	114.32	0.53	1.25
30	Live oak	<i>Quercus virginiana</i>	29.2	8.80	Excellent	234.64	1.09	2.56
31	Live oak	<i>Quercus virginiana</i>	26.2	8.50	Excellent	201.41	0.94	2.20
32	Live oak	<i>Quercus virginiana</i>	25.4	9.40	Excellent	177.94	0.83	1.94
33	Live oak	<i>Quercus virginiana</i>	25.4	8.20	Excellent	183.93	0.86	2.01
34	Live oak	<i>Quercus virginiana</i>	23.6	10.70	Excellent	250.46	1.16	2.74
35	Live oak	<i>Quercus virginiana</i>	27.9	9.40	Excellent	126.33	0.59	1.38
36	Live oak	<i>Quercus virginiana</i>	28.2	7.90	Excellent	168.38	0.78	1.84
37	Live oak	<i>Quercus virginiana</i>	20.1	10.40	Excellent	230.43	1.07	2.52
38	Live oak	<i>Quercus virginiana</i>	40.6	11.00	Excellent	237.50	1.10	2.60
39	Live oak	<i>Quercus virginiana</i>	24.6	13.70	Good	166.23	0.77	1.82
40	Live oak	<i>Quercus virginiana</i>	35.8	10.70	Excellent	162.14	0.75	1.77
41	Live oak	<i>Quercus virginiana</i>	24.1	8.50	Excellent	216.52	1.01	2.37
42	Live oak	<i>Quercus virginiana</i>	21.1	7.90	Excellent	138.88	0.65	1.52

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
43	Live oak	<i>Quercus virginiana</i>	26.4	9.80	Excellent	99.37	0.46	1.09
44	Live oak	<i>Quercus virginiana</i>	19.3	7.30	Excellent	95.56	0.44	1.04
45	Live oak	<i>Quercus virginiana</i>	26.9	8.20	Excellent	132.00	0.61	1.44
46	Live oak	<i>Quercus virginiana</i>	25.9	9.40	Excellent	235.49	1.09	2.57
47	Live oak	<i>Quercus virginiana</i>	31.8	7.90	Fair	208.26	0.97	2.28
48	Live oak	<i>Quercus virginiana</i>	20.1	6.10	Excellent	97.29	0.45	1.06
49	Washintonia palm	<i>Washingtonia filifera</i>	22.9	10.10	Excellent	33.95	0.16	0.37
50	Washintonia palm	<i>Washingtonia filifera</i>	27.4	13.40	Excellent	69.94	0.33	0.76
51	Washintonia palm	<i>Washingtonia filifera</i>	26.7	13.10	Good	78.72	0.37	0.86
52	Washintonia palm	<i>Washingtonia filifera</i>	27.4	13.40	Excellent	76.17	0.35	0.83
53	Washintonia palm	<i>Washingtonia filifera</i>	22.6	11.00	Excellent	39.66	0.18	0.43
54	Washintonia palm	<i>Washingtonia filifera</i>	27.2	10.40	Excellent	26.79	0.12	0.29
55	Washintonia palm	<i>Washingtonia filifera</i>	26.9	13.40	Good	61.06	0.28	0.67
56	Washintonia palm	<i>Washingtonia filifera</i>	23.9	8.50	Excellent	61.57	0.29	0.67
57	Washintonia palm	<i>Washingtonia filifera</i>	24.1	10.40	Excellent	31.65	0.15	0.35
58	Royal poinciana	<i>Delonix regia</i>	37.9	11.90	Excellent	407.24	1.89	4.45
59	Royal poinciana	<i>Delonix regia</i>	15.8	7.30	Excellent	154.44	0.72	1.69
60	Washintonia palm	<i>Washingtonia filifera</i>	39.9	11.90	Excellent	99.65	0.46	1.09
61	Washintonia palm	<i>Washingtonia filifera</i>	31.2	10.70	Excellent	80.92	0.38	0.88
62	Washintonia palm	<i>Washingtonia filifera</i>	26.7	13.10	Critical	84.69	0.39	0.93
63	Washintonia palm	<i>Washingtonia filifera</i>	23.6	12.20	Excellent	85.02	0.40	0.93
64	Washintonia palm	<i>Washingtonia filifera</i>	30.7	13.70	Fair	91.34	0.42	1.00
65	Royal poinciana	<i>Delonix regia</i>	27.8	7.60	Excellent	286.14	1.33	3.13
66	Washintonia palm	<i>Washingtonia filifera</i>	27.2	14.00	Excellent	56.35	0.26	0.62
67	Washintonia palm	<i>Washingtonia filifera</i>	28.2	13.40	Excellent	56.35	0.26	0.62
68	Washintonia palm	<i>Washingtonia filifera</i>	30.5	12.80	Excellent	66.17	0.31	0.72
69	Washintonia palm	<i>Washingtonia filifera</i>	26.9	13.40	Excellent	96.20	0.45	1.05
70	Washintonia palm	<i>Washingtonia filifera</i>	30.5	11.30	Excellent	56.35	0.26	0.62
71	Washintonia palm	<i>Washingtonia filifera</i>	29.5	11.00	Good	38.22	0.18	0.42
72	Live oak	<i>Quercus virginiana</i>	39.6	13.10	Excellent	449.65	2.09	4.91
73	Royal poinciana	<i>Delonix regia</i>	32.0	9.10	Excellent	217.87	1.01	2.38
74	Live oak	<i>Quercus virginiana</i>	27.7	8.80	Excellent	204.93	0.95	2.24
75	Live oak	<i>Quercus virginiana</i>	45.0	9.40	Excellent	428.94	1.99	4.69
76	Live oak	<i>Quercus virginiana</i>	37.8	12.80	Excellent	363.36	1.69	3.97
77	Live oak	<i>Quercus virginiana</i>	44.2	13.40	Excellent	372.96	1.73	4.08
78	Live oak	<i>Quercus virginiana</i>	40.6	12.20	Excellent	353.43	1.64	3.86
79	Live oak	<i>Quercus virginiana</i>	38.6	12.80	Excellent	475.02	2.21	5.19
80	Live oak	<i>Quercus virginiana</i>	38.1	12.20	Excellent	461.57	2.15	5.04
81	Live oak	<i>Quercus virginiana</i>	37.1	11.60	Excellent	453.21	2.11	4.95
82	Washintonia palm	<i>Washingtonia filifera</i>	24.9	11.60	Excellent	86.59	0.40	0.95
83	Washintonia palm	<i>Washingtonia filifera</i>	20.6	12.50	Excellent	45.77	0.21	0.50
84	Washintonia palm	<i>Washingtonia filifera</i>	28.4	13.70	Excellent	69.17	0.32	0.76

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
85	Washintonia palm	<i>Washingtonia filifera</i>	23.6	12.80	Poor	69.52	0.32	0.76
86	Washintonia palm	<i>Washingtonia filifera</i>	22.4	13.70	Excellent	71.95	0.33	0.79
87	Washintonia palm	<i>Washingtonia filifera</i>	24.9	10.40	Excellent	103.49	0.48	1.13
88	Washintonia palm	<i>Washingtonia filifera</i>	31.5	11.00	Excellent	74.55	0.35	0.81
89	Washintonia palm	<i>Washingtonia filifera</i>	28.2	8.50	Excellent	62.80	0.29	0.69
90	Royal poinciana	<i>Delonix regia</i>	25.1	9.40	Poor	47.57	0.22	0.52
91	Royal poinciana	<i>Delonix regia</i>	37.0	11.30	Critical	47.06	0.22	0.51
92	Royal poinciana	<i>Delonix regia</i>	30.2	11.90	Good	158.51	0.74	1.73
93	Washintonia palm	<i>Washingtonia filifera</i>	21.1	7.90	Excellent	40.31	0.19	0.44
94	Washintonia palm	<i>Washingtonia filifera</i>	25.1	8.80	Excellent	76.17	0.35	0.83
95	Washintonia palm	<i>Washingtonia filifera</i>	23.6	9.40	Excellent	69.13	0.32	0.76
97	Washintonia palm	<i>Washingtonia filifera</i>	22.4	7.90	Excellent	39.85	0.19	0.44
98	Washintonia palm	<i>Washingtonia filifera</i>	24.9	11.60	Excellent	73.67	0.34	0.81
99	Washintonia palm	<i>Washingtonia filifera</i>	24.6	12.80	Excellent	123.65	0.57	1.35
100	Washintonia palm	<i>Washingtonia filifera</i>	24.9	12.20	Excellent	90.07	0.42	0.98
101	Washintonia palm	<i>Washingtonia filifera</i>	19.8	13.40	Excellent	167.28	0.78	1.83
102	Royal poinciana	<i>Delonix regia</i>	25.2	13.40	Fair	110.11	0.51	1.20
103	Royal poinciana	<i>Delonix regia</i>	26.2	11.60	Fair	54.58	0.25	0.60
104	Washintonia palm	<i>Washingtonia filifera</i>	22.6	11.60	Good	202.63	0.94	2.21
105	Washintonia palm	<i>Washingtonia filifera</i>	22.6	9.80	Excellent	66.17	0.31	0.72
107	Washintonia palm	<i>Washingtonia filifera</i>	23.6	6.10	Excellent	69.52	0.32	0.76
108	Washintonia palm	<i>Washingtonia filifera</i>	23.9	8.50	Excellent	131.32	0.61	1.44
109	Washintonia palm	<i>Washingtonia filifera</i>	23.9	8.50	Excellent	131.32	0.61	1.44
110	Royal poinciana	<i>Delonix regia</i>	25.3	6.70	Excellent	179.33	0.83	1.96
111	Royal poinciana	<i>Delonix regia</i>	20.6	9.10	Excellent	286.46	1.33	3.13
112	Royal poinciana	<i>Delonix regia</i>	21.6	11.00	Excellent	240.69	1.12	2.63
113	Royal poinciana	<i>Delonix regia</i>	22.6	11.00	Excellent	219.90	1.02	2.40
114	Royal poinciana	<i>Delonix regia</i>	22.9	11.00	Excellent	233.77	1.09	2.55
115	Royal poinciana	<i>Delonix regia</i>	17.5	11.00	Excellent	264.55	1.23	2.89
116	Washintonia palm	<i>Washingtonia filifera</i>	29.2	12.20	Excellent	80.34	0.37	0.88
117	Washintonia palm	<i>Washingtonia filifera</i>	29.5	12.20	Excellent	80.34	0.37	0.88
118	Washintonia palm	<i>Washingtonia filifera</i>	29.7	9.10	Excellent	116.27	0.54	1.27
119	Washintonia palm	<i>Washingtonia filifera</i>	27.2	11.90	Excellent	65.15	0.30	0.71
120	Washintonia palm	<i>Washingtonia filifera</i>	27.7	12.50	Excellent	85.97	0.40	0.94
121	Washintonia palm	<i>Washingtonia filifera</i>	24.4	11.00	Excellent	110.82	0.52	1.21
122	Washintonia palm	<i>Washingtonia filifera</i>	30.5	10.10	Excellent	80.92	0.38	0.88
123	Washintonia palm	<i>Washingtonia filifera</i>	29.2	10.40	Excellent	57.77	0.27	0.63
124	Live oak	<i>Quercus virginiana</i>	26.9	12.50	Good	222.32	1.03	2.43
125	Live oak	<i>Quercus virginiana</i>	22.9	12.50	Good	239.54	1.11	2.62
126	Live oak	<i>Quercus virginiana</i>	18.0	11.60	Fair	169.91	0.79	1.86
127	Royal poinciana	<i>Delonix regia</i>	20.8	8.50	Poor	42.64	0.20	0.47
128	Royal poinciana	<i>Delonix regia</i>	21.1	10.10	Poor	81.50	0.38	0.89

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
129	Royal poinciana	<i>Delonix regia</i>	22.9	10.40	Fair	117.98	0.55	1.29
130	Royal poinciana	<i>Delonix regia</i>	32.5	8.80	Fair	143.74	0.67	1.57
131	Royal poinciana	<i>Delonix regia</i>	26.2	8.80	Poor	108.94	0.51	1.19
132	Royal poinciana	<i>Delonix regia</i>	22.9	10.70	Excellent	39.08	0.18	0.43
133	Royal poinciana	<i>Delonix regia</i>	30.0	10.10	Fair	66.79	0.31	0.73
134	Washingtonia palm	<i>Washingtonia filifera</i>	21.8	13.40	Excellent	90.07	0.42	0.98
135	Washingtonia palm	<i>Washingtonia filifera</i>	17.0	12.20	Excellent	109.32	0.51	1.19
136	Washingtonia palm	<i>Washingtonia filifera</i>	18.0	12.20	Excellent	90.07	0.42	0.98
137	Live oak	<i>Quercus virginiana</i>	38.4	11.60	Excellent	346.14	1.61	3.78
138	Live oak	<i>Quercus virginiana</i>	32.3	12.50	Excellent	255.54	1.19	2.79
139	Royal poinciana	<i>Delonix regia</i>	24.7	8.50	Excellent	126.50	0.59	1.38
140	Royal poinciana	<i>Delonix regia</i>	31.8	10.40	Excellent	199.95	0.93	2.19
141	Cabbage palmetto	<i>Sabal palmetto</i>	45.0	7.60	Excellent	156.01	0.73	1.71
142	Royal poinciana	<i>Delonix regia</i>	18.3	9.80	Excellent	233.71	1.09	2.55
143	Live oak	<i>Quercus virginiana</i>	38.6	10.40	Excellent	386.07	1.79	4.22
144	Live oak	<i>Quercus virginiana</i>	34.8	11.30	Excellent	397.66	1.85	4.35
145	Royal poinciana	<i>Delonix regia</i>	16.3	6.10	Excellent	205.40	0.95	2.24
146	Washingtonia palm	<i>Washingtonia filifera</i>	23.1	8.50	Excellent	109.52	0.51	1.20
147	Coconut palm	<i>Cocos nucifera</i>	18.3	7.00	Excellent	56.71	0.26	0.62
148	Coconut palm	<i>Cocos nucifera</i>	21.3	7.90	Excellent	130.68	0.61	1.43
149	Coconut palm	<i>Cocos nucifera</i>	19.8	11.00	Excellent	184.43	0.86	2.02
150	Coconut palm	<i>Cocos nucifera</i>	15.0	9.10	Excellent	114.56	0.53	1.25
151	Live oak	<i>Quercus virginiana</i>	42.7	12.20	Excellent	453.13	2.11	4.95
152	Coconut palm	<i>Cocos nucifera</i>	25.7	7.30	Excellent	95.19	0.44	1.04
153	Coconut palm	<i>Cocos nucifera</i>	15.7	8.80	Excellent	150.61	0.70	1.65
154	Red maple	<i>Acer rubrum</i>	35.8	15.20	Excellent	363.73	1.69	3.98
155	Red maple	<i>Acer rubrum</i>	36.1	14.30	Excellent	186.60	0.87	2.04
156	Coconut palm	<i>Cocos nucifera</i>	20.8	9.40	Excellent	184.09	0.86	2.01
157	Coconut palm	<i>Cocos nucifera</i>	21.8	12.20	Excellent	260.13	1.21	2.84
158	Live oak	<i>Quercus virginiana</i>	21.3	13.10	Good	449.13	2.09	4.91
159	Coconut palm	<i>Cocos nucifera</i>	19.1	11.00	Excellent	199.46	0.93	2.18
160	Coconut palm	<i>Cocos nucifera</i>	24.4	8.20	Excellent	116.83	0.54	1.28
161	Coconut palm	<i>Cocos nucifera</i>	18.3	3.70	Excellent	26.81	0.12	0.29
162	Coconut palm	<i>Cocos nucifera</i>	20.1	8.50	Excellent	120.51	0.56	1.32
163	Live oak	<i>Quercus virginiana</i>	42.4	11.30	Excellent	456.09	2.12	4.98
164	Coconut palm	<i>Cocos nucifera</i>	19.1	10.70	Excellent	285.47	1.33	3.12
165	Coconut palm	<i>Cocos nucifera</i>	18.5	8.80	Excellent	134.94	0.63	1.47
166	Coconut palm	<i>Cocos nucifera</i>	19.3	8.50	Excellent	142.13	0.66	1.55
167	Coconut palm	<i>Cocos nucifera</i>	17.5	9.80	Excellent	238.14	1.11	2.60
168	Live oak	<i>Quercus virginiana</i>	30.6	10.40	Excellent	328.40	1.53	3.59
169	Live oak	<i>Quercus virginiana</i>	29.2	11.60	Excellent	328.40	1.53	3.59
170	Live oak	<i>Quercus virginiana</i>	33.0	9.10	Excellent	406.05	1.89	4.44

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
171	Cabbage palmetto	<i>Sabal palmetto</i>	41.7	7.60	Excellent	163.81	0.76	1.79
172	Washingtonia palm	<i>Washingtonia filifera</i>	26.4	12.80	Excellent	84.29	0.39	0.92
173	Cabbage palmetto	<i>Sabal palmetto</i>	31.2	8.50	Excellent	119.89	0.56	1.31
174	Coconut palm	<i>Cocos nucifera</i>	9.7	7.00	Excellent	101.64	0.47	1.11
175	Live oak	<i>Quercus virginiana</i>	38.6	10.10	Excellent	225.66	1.05	2.47
176	Coconut palm	<i>Cocos nucifera</i>	22.4	9.80	Excellent	95.19	0.44	1.04
177	Coconut palm	<i>Cocos nucifera</i>	24.6	9.10	Excellent	114.30	0.53	1.25
178	Live oak	<i>Quercus virginiana</i>	33.3	8.80	Excellent	125.33	0.58	1.37
179	Live oak	<i>Quercus virginiana</i>	33.5	10.40	Excellent	133.94	0.62	1.46
180	Live oak	<i>Quercus virginiana</i>	37.1	10.70	Excellent	207.71	0.97	2.27
181	Live oak	<i>Quercus virginiana</i>	42.9	10.70	Excellent	394.09	1.83	4.31
182	Coconut palm	<i>Cocos nucifera</i>	18.3	7.00	Excellent	138.78	0.65	1.52
183	Coconut palm	<i>Cocos nucifera</i>	27.9	11.30	Excellent	285.75	1.33	3.12
184	Coconut palm	<i>Cocos nucifera</i>	12.2	5.20	Excellent	56.00	0.26	0.61
185	Coconut palm	<i>Cocos nucifera</i>	14.0	7.60	Excellent	123.32	0.57	1.35
186	Live oak	<i>Quercus virginiana</i>	44.5	10.10	Excellent	320.81	1.49	3.51
187	Cabbage palmetto	<i>Sabal palmetto</i>	26.4	6.10	Good	158.90	0.74	1.74
188	Cabbage palmetto	<i>Sabal palmetto</i>	31.2	7.60	Excellent	179.41	0.83	1.96
189	Cabbage palmetto	<i>Sabal palmetto</i>	31.2	6.10	Excellent	95.91	0.45	1.05
190	Live oak	<i>Quercus virginiana</i>	33.3	11.30	Excellent	353.43	1.64	3.86
191	Cabbage palmetto	<i>Sabal palmetto</i>	35.8	8.50	Good	117.65	0.55	1.29
192	Cabbage palmetto	<i>Sabal palmetto</i>	35.8	7.60	Excellent	138.78	0.65	1.52
193	Royal poinciana	<i>Delonix regia</i>	44.0	9.10	Excellent	133.13	0.62	1.46
194	Live oak	<i>Quercus virginiana</i>	43.7	8.50	Excellent	243.60	1.13	2.66
195	Live oak	<i>Quercus virginiana</i>	31.5	10.70	Excellent	294.21	1.37	3.22
196	Cabbage palmetto	<i>Sabal palmetto</i>	29.2	8.50	Excellent	171.21	0.80	1.87
197	Cabbage palmetto	<i>Sabal palmetto</i>	29.5	7.60	Excellent	101.64	0.47	1.11
198	Live oak	<i>Quercus virginiana</i>	33.8	11.00	Excellent	377.29	1.75	4.12
199	Cabbage palmetto	<i>Sabal palmetto</i>	30.0	8.50	Excellent	74.22	0.35	0.81
200	Cabbage palmetto	<i>Sabal palmetto</i>	24.9	6.70	Excellent	138.78	0.65	1.52
201	Live oak	<i>Quercus virginiana</i>	29.0	9.10	Excellent	152.97	0.71	1.67
202	Cabbage palmetto	<i>Sabal palmetto</i>	27.7	11.00	Excellent	85.02	0.40	0.93
203	Cabbage palmetto	<i>Sabal palmetto</i>	29.2	12.20	Excellent	80.92	0.38	0.88
204	Cabbage palmetto	<i>Sabal palmetto</i>	33.5	11.00	Excellent	71.03	0.33	0.78
205	Cabbage palmetto	<i>Sabal palmetto</i>	34.0	7.60	Excellent	63.53	0.30	0.69
206	Cabbage palmetto	<i>Sabal palmetto</i>	30.2	10.70	Excellent	57.77	0.27	0.63
207	Cabbage palmetto	<i>Sabal palmetto</i>	27.7	11.60	Excellent	69.52	0.32	0.76
208	Cabbage palmetto	<i>Sabal palmetto</i>	32.3	12.80	Excellent	79.14	0.37	0.86
209	Cabbage palmetto	<i>Sabal palmetto</i>	30.7	15.20	Excellent	102.72	0.48	1.12
210	Cabbage palmetto	<i>Sabal palmetto</i>	26.9	9.10	Excellent	45.66	0.21	0.50
211	Cabbage palmetto	<i>Sabal palmetto</i>	30.0	11.30	Excellent	46.58	0.22	0.51
212	Cabbage palmetto	<i>Sabal palmetto</i>	32.0	10.10	Excellent	50.27	0.23	0.55

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
213	Cabbage palmetto	<i>Sabal palmetto</i>	26.7	11.00	Excellent	65.15	0.30	0.71
214	Cabbage palmetto	<i>Sabal palmetto</i>	30.0	11.00	Excellent	65.62	0.31	0.72
215	Cabbage palmetto	<i>Sabal palmetto</i>	22.9	9.40	Excellent	56.28	0.26	0.62
216	Cabbage palmetto	<i>Sabal palmetto</i>	30.7	8.50	Excellent	55.52	0.26	0.61
217	Cabbage palmetto	<i>Sabal palmetto</i>	35.3	12.20	Excellent	91.34	0.42	1.00
218	Cabbage palmetto	<i>Sabal palmetto</i>	23.9	12.80	Excellent	79.86	0.37	0.87
219	Cabbage palmetto	<i>Sabal palmetto</i>	27.2	9.10	Excellent	55.52	0.26	0.61
220	Coconut palm	<i>Cocos nucifera</i>	21.6	11.60	Excellent	360.15	1.67	3.94
221	Coconut palm	<i>Cocos nucifera</i>	18.3	10.10	Excellent	194.10	0.90	2.12
222	Red maple	<i>Acer rubrum</i>	40.1	16.20	Excellent	217.48	1.01	2.38
223	Coconut palm	<i>Cocos nucifera</i>	17.5	13.70	Excellent	312.61	1.45	3.42
224	Coconut palm	<i>Cocos nucifera</i>	21.1	11.60	Excellent	238.77	1.11	2.61
225	Coconut palm	<i>Cocos nucifera</i>	19.1	8.20	Excellent	156.32	0.73	1.71
226	Coconut palm	<i>Cocos nucifera</i>	20.1	12.80	Excellent	329.62	1.53	3.60
227	Coconut palm	<i>Cocos nucifera</i>	26.7	13.40	Excellent	336.08	1.56	3.67
228	Coconut palm	<i>Cocos nucifera</i>	30.7	9.80	Excellent	187.89	0.87	2.05
229	Coconut palm	<i>Cocos nucifera</i>	22.6	5.20	Excellent	69.28	0.32	0.76
230	Coconut palm	<i>Cocos nucifera</i>	22.9	7.00	Excellent	74.22	0.35	0.81
231	Coconut palm	<i>Cocos nucifera</i>	20.6	6.10	Excellent	98.83	0.46	1.08
232	Live oak	<i>Quercus virginiana</i>	48.5	12.50	Excellent	333.87	1.55	3.65
233	Crimson bottlebrush	<i>Callistemon citrinus</i>	23.5	4.90	Good	31.50	0.15	0.34
234	Crimson bottlebrush	<i>Callistemon citrinus</i>	19.2	5.50	Good	36.93	0.17	0.40
235	Crimson bottlebrush	<i>Callistemon citrinus</i>	15.4	4.60	Excellent	44.10	0.21	0.48
236	Live oak	<i>Quercus virginiana</i>	41.4	9.80	Excellent	287.19	1.34	3.14
237	Live oak	<i>Quercus virginiana</i>	41.7	10.70	Excellent	388.31	1.81	4.24
238	Crimson bottlebrush	<i>Callistemon citrinus</i>	27.9	5.80	Excellent	63.38	0.29	0.69
239	Live oak	<i>Quercus virginiana</i>	38.1	8.50	Excellent	362.54	1.69	3.96
240	Crimson bottlebrush	<i>Callistemon citrinus</i>	20.4	5.80	Excellent	63.38	0.29	0.69
241	Crimson bottlebrush	<i>Callistemon citrinus</i>	25.4	5.50	Excellent	37.31	0.17	0.41
242	Crimson bottlebrush	<i>Callistemon citrinus</i>	18.1	4.60	Excellent	50.77	0.24	0.55
243	Crimson bottlebrush	<i>Callistemon citrinus</i>	13.5	4.90	Excellent	37.71	0.18	0.41
244	Crimson bottlebrush	<i>Callistemon citrinus</i>	16.5	5.50	Excellent	34.65	0.16	0.38
245	Washintonia palm	<i>Washingtonia filifera</i>	32.3	11.30	Excellent	96.20	0.45	1.05
246	Washintonia palm	<i>Washingtonia filifera</i>	26.9	12.20	Excellent	65.15	0.30	0.71
247	Washintonia palm	<i>Washingtonia filifera</i>	30.0	12.80	Excellent	79.46	0.37	0.87
248	Washintonia palm	<i>Washingtonia filifera</i>	30.7	11.00	Excellent	109.83	0.51	1.20
249	Washintonia palm	<i>Washingtonia filifera</i>	34.5	8.20	Excellent	38.22	0.18	0.42
250	Washintonia palm	<i>Washingtonia filifera</i>	27.9	10.40	Excellent	38.22	0.18	0.42
251	Washintonia palm	<i>Washingtonia filifera</i>	27.7	11.60	Excellent	72.45	0.34	0.79
252	Washintonia palm	<i>Washingtonia filifera</i>	26.9	13.10	Excellent	158.20	0.74	1.73
253	Washintonia palm	<i>Washingtonia filifera</i>	24.1	12.20	Excellent	73.67	0.34	0.81
254	Washintonia palm	<i>Washingtonia filifera</i>	24.6	10.70	Excellent	110.82	0.52	1.21

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
255	Washintonia palm	<i>Washingtonia filifera</i>	26.7	11.60	Excellent	102.61	0.48	1.12
256	Washintonia palm	<i>Washingtonia filifera</i>	27.2	12.50	Excellent	79.14	0.37	0.86
257	Washintonia palm	<i>Washingtonia filifera</i>	20.8	11.30	Excellent	66.79	0.31	0.73
258	Royal poinciana	<i>Delonix regia</i>	27.9	11.60	Excellent	269.64	1.25	2.95
259	Royal poinciana	<i>Delonix regia</i>	34.3	8.20	Good	149.21	0.69	1.63
260	Royal poinciana	<i>Delonix regia</i>	27.2	10.70	Good	353.63	1.64	3.86
261	Royal poinciana	<i>Delonix regia</i>	21.9	6.70	Excellent	157.95	0.73	1.73
262	Royal poinciana	<i>Delonix regia</i>	19.2	7.60	Excellent	354.29	1.65	3.87
263	Royal poinciana	<i>Delonix regia</i>	21.7	11.00	Excellent	317.57	1.48	3.47
264	Royal poinciana	<i>Delonix regia</i>	29.3	7.30	Excellent	213.30	0.99	2.33
265	Royal poinciana	<i>Delonix regia</i>	22.1	8.20	Excellent	131.90	0.61	1.44
266	Royal poinciana	<i>Delonix regia</i>	18.9	9.10	Good	218.34	1.01	2.39
267	Royal poinciana	<i>Delonix regia</i>	21.1	11.30	Good	209.92	0.98	2.29
268	Royal poinciana	<i>Delonix regia</i>	29.0	11.30	Excellent	228.04	1.06	2.49
269	Royal poinciana	<i>Delonix regia</i>	35.1	9.10	Excellent	186.12	0.87	2.03
270	Royal poinciana	<i>Delonix regia</i>	23.1	9.40	Excellent	244.35	1.14	2.67
271	Royal poinciana	<i>Delonix regia</i>	17.8	10.70	Excellent	216.41	1.01	2.37
272	Royal poinciana	<i>Delonix regia</i>	29.7	9.10	Excellent	243.60	1.13	2.66
273	Royal poinciana	<i>Delonix regia</i>	29.2	7.00	Good	157.40	0.73	1.72
274	Royal poinciana	<i>Delonix regia</i>	25.4	9.80	Excellent	200.88	0.93	2.20
275	Royal poinciana	<i>Delonix regia</i>	20.3	8.50	Excellent	268.66	1.25	2.94
276	Royal poinciana	<i>Delonix regia</i>	26.2	8.50	Excellent	268.66	1.25	2.94
277	Royal poinciana	<i>Delonix regia</i>	35.8	11.60	Excellent	254.18	1.18	2.78
278	Live oak	<i>Quercus virginiana</i>	19.1	7.90	Excellent	47.91	0.22	0.52
279	Coconut palm	<i>Cocos nucifera</i>	17.8	8.20	Excellent	187.89	0.87	2.05
280	Coconut palm	<i>Cocos nucifera</i>	20.3	7.60	Excellent	156.01	0.73	1.71
281	Coconut palm	<i>Cocos nucifera</i>	24.9	11.30	Excellent	84.29	0.39	0.92
282	Washintonia palm	<i>Washingtonia filifera</i>	33.0	11.60	Excellent	56.76	0.26	0.62
283	Washintonia palm	<i>Washingtonia filifera</i>	30.5	7.90	Excellent	74.22	0.35	0.81
284	Washintonia palm	<i>Washingtonia filifera</i>	34.5	12.20	Excellent	96.14	0.45	1.05
285	Washintonia palm	<i>Washingtonia filifera</i>	34.5	12.80	Excellent	68.70	0.32	0.75
286	Royal poinciana	<i>Delonix regia</i>	23.9	8.50	Excellent	133.53	0.62	1.46
287	Royal poinciana	<i>Delonix regia</i>	23.6	10.70	Excellent	167.97	0.78	1.84
288	Royal poinciana	<i>Delonix regia</i>	20.3	10.70	Excellent	213.44	0.99	2.33
289	Live oak	<i>Quercus virginiana</i>	28.2	9.10	Excellent	287.19	1.34	3.14
290	Royal poinciana	<i>Delonix regia</i>	25.1	8.20	Excellent	47.72	0.22	0.52
291	Washintonia palm	<i>Washingtonia filifera</i>	30.0	10.70	Excellent	91.34	0.42	1.00
292	Washintonia palm	<i>Washingtonia filifera</i>	34.0	11.60	Excellent	509.81	2.37	5.57
293	Live oak	<i>Quercus virginiana</i>	40.9	10.10	Excellent	401.26	1.87	4.39
294	Live oak	<i>Quercus virginiana</i>	34.5	9.10	Excellent	183.93	0.86	2.01
295	Royal poinciana	<i>Delonix regia</i>	26.4	8.80	Excellent	188.73	0.88	2.06
296	Royal poinciana	<i>Delonix regia</i>	21.1	10.70	Excellent	243.34	1.13	2.66

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
297	Washintonia palm	<i>Washingtonia filifera</i>	29.0	10.40	Excellent	65.15	0.30	0.71
298	Washintonia palm	<i>Washingtonia filifera</i>	30.0	12.20	Excellent	74.55	0.35	0.81
299	Royal poinciana	<i>Delonix regia</i>	22.4	9.10	Excellent	173.18	0.81	1.89
300	Washintonia palm	<i>Washingtonia filifera</i>	28.7	11.30	Excellent	116.56	0.54	1.27
301	Washintonia palm	<i>Washingtonia filifera</i>	29.0	10.10	Excellent	111.50	0.52	1.22
302	Royal poinciana	<i>Delonix regia</i>	22.4	9.80	Excellent	268.66	1.25	2.94
303	Washintonia palm	<i>Washingtonia filifera</i>	30.5	13.10	Excellent	139.87	0.65	1.53
304	Washintonia palm	<i>Washingtonia filifera</i>	29.5	12.20	Excellent	79.86	0.37	0.87
305	Royal poinciana	<i>Delonix regia</i>	30.0	6.70	Excellent	188.73	0.88	2.06
306	Washintonia palm	<i>Washingtonia filifera</i>	27.9	11.00	Excellent	131.36	0.61	1.44
307	Cabbage palmetto	<i>Sabal palmetto</i>	47.5	11.60	Excellent	64.76	0.30	0.71
308	Cabbage palmetto	<i>Sabal palmetto</i>	47.0	10.70	Excellent	53.64	0.25	0.59
309	Cabbage palmetto	<i>Sabal palmetto</i>	50.0	12.80	Excellent	68.90	0.32	0.75
310	Cabbage palmetto	<i>Sabal palmetto</i>	47.2	9.10	Excellent	53.14	0.25	0.58
311	Royal poinciana	<i>Delonix regia</i>	35.0	11.60	Excellent	252.99	1.18	2.77
312	Washintonia palm	<i>Washingtonia filifera</i>	30.5	11.30	Excellent	84.69	0.39	0.93
313	Washintonia palm	<i>Washingtonia filifera</i>	22.6	9.10	Excellent	50.85	0.24	0.56
314	Royal poinciana	<i>Delonix regia</i>	17.8	9.80	Excellent	312.34	1.45	3.41
315	Royal poinciana	<i>Delonix regia</i>	19.6	7.60	Excellent	178.24	0.83	1.95
316	Washintonia palm	<i>Washingtonia filifera</i>	29.2	7.30	Excellent	35.78	0.17	0.39
317	Royal poinciana	<i>Delonix regia</i>	14.2	10.10	Excellent	294.73	1.37	3.22
318	Royal poinciana	<i>Delonix regia</i>	14.4	10.10	Excellent	320.19	1.49	3.50
319	Dahoon holly	<i>Ilex cassine</i>	8.4	4.00	Good	46.50	0.22	0.51
320	Dahoon holly	<i>Ilex cassine</i>	7.4	2.70	Good	17.77	0.08	0.19
321	Dahoon holly	<i>Ilex cassine</i>	7.1	2.70	Excellent	25.05	0.12	0.27
322	Dahoon holly	<i>Ilex cassine</i>	7.9	3.70	Excellent	20.99	0.10	0.23
323	Dahoon holly	<i>Ilex cassine</i>	12.2	3.70	Excellent	33.26	0.15	0.36
324	Dahoon holly	<i>Ilex cassine</i>	23.1	3.00	Excellent	28.26	0.13	0.31
325	Cabbage palmetto	<i>Sabal palmetto</i>	45.0	10.10	Excellent	62.15	0.29	0.68
326	Cabbage palmetto	<i>Sabal palmetto</i>	41.1	11.00	Excellent	75.55	0.35	0.83
327	Cabbage palmetto	<i>Sabal palmetto</i>	35.6	11.00	Excellent	53.14	0.25	0.58
328	Dahoon holly	<i>Ilex cassine</i>	18.0	9.10	Excellent	52.71	0.25	0.58
329	Washintonia palm	<i>Washingtonia filifera</i>	27.9	7.60	Excellent	41.38	0.19	0.45
330	Washintonia palm	<i>Washingtonia filifera</i>	31.2	11.00	Excellent	74.17	0.34	0.81
331	Washintonia palm	<i>Washingtonia filifera</i>	30.5	12.20	Excellent	64.76	0.30	0.71
332	Washintonia palm	<i>Washingtonia filifera</i>	32.3	9.40	Excellent	65.62	0.31	0.72
333	Washintonia palm	<i>Washingtonia filifera</i>	26.4	10.70	Excellent	104.02	0.48	1.14
334	Washintonia palm	<i>Washingtonia filifera</i>	29.5	12.50	Excellent	96.17	0.45	1.05
335	Washintonia palm	<i>Washingtonia filifera</i>	24.6	11.60	Excellent	64.43	0.30	0.70
336	Washintonia palm	<i>Washingtonia filifera</i>	27.7	9.80	Excellent	56.76	0.26	0.62
337	Washintonia palm	<i>Washingtonia filifera</i>	29.0	13.10	Excellent	75.55	0.35	0.83
338	Dahoon holly	<i>Ilex cassine</i>	5.1	9.40	Excellent	76.80	0.36	0.84

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
339	Washingtonia palm	<i>Washingtonia filifera</i>	37.1	8.80	Excellent	57.77	0.27	0.63
340	Live oak	<i>Quercus virginiana</i>	37.1	10.10	Excellent	182.09	0.85	1.99
341	Live oak	<i>Quercus virginiana</i>	38.4	11.30	Excellent	242.82	1.13	2.65
342	Coconut palm	<i>Cocos nucifera</i>	18.3	11.00	Excellent	187.89	0.87	2.05
343	Coconut palm	<i>Cocos nucifera</i>	18.8	9.10	Excellent	106.28	0.49	1.16
344	Cabbage palmetto	<i>Sabal palmetto</i>	46.5	12.20	Excellent	61.06	0.28	0.67
345	Southern redcedar	<i>Juniperus virginiana</i>	15.2	10.70	Excellent	152.04	0.71	1.66
346	Cabbage palmetto	<i>Sabal palmetto</i>	41.1	11.60	Excellent	80.92	0.38	0.88
347	Coconut palm	<i>Cocos nucifera</i>	18.0	9.10	Excellent	133.98	0.62	1.46
348	Coconut palm	<i>Cocos nucifera</i>	17.3	6.70	Excellent	130.68	0.61	1.43
349	Coconut palm	<i>Cocos nucifera</i>	12.2	9.80	Excellent	216.00	1.00	2.36
350	Coconut palm	<i>Cocos nucifera</i>	18.0	9.10	Excellent	216.85	1.01	2.37
351	Cabbage palmetto	<i>Sabal palmetto</i>	41.7	11.30	Excellent	219.28	1.02	2.40
352	Cabbage palmetto	<i>Sabal palmetto</i>	45.7	9.10	Excellent	176.99	0.82	1.93
353	Cabbage palmetto	<i>Sabal palmetto</i>	59.7	12.80	Excellent	157.05	0.73	1.72
354	Slash pine	<i>Pinus elliotii</i>	10.7	9.10	Good	42.71	0.20	0.47
355	Slash pine	<i>Pinus elliotii</i>	18.5	9.40	Excellent	69.60	0.32	0.76
356	Slash pine	<i>Pinus elliotii</i>	24.4	10.40	Fair	46.99	0.22	0.51
357	Slash pine	<i>Pinus elliotii</i>	22.1	11.00	Poor	54.53	0.25	0.60
358	Slash pine	<i>Pinus elliotii</i>	23.4	7.90	Excellent	51.89	0.24	0.57
359	Slash pine	<i>Pinus elliotii</i>	17.8	7.30	Fair	50.18	0.23	0.55
360	Slash pine	<i>Pinus elliotii</i>	15.7	7.90	Excellent	75.97	0.35	0.83
361	Cabbage palmetto	<i>Sabal palmetto</i>	38.1	8.50	Excellent	50.27	0.23	0.55
362	Cabbage palmetto	<i>Sabal palmetto</i>	42.7	12.20	Excellent	79.86	0.37	0.87
363	Cabbage palmetto	<i>Sabal palmetto</i>	38.6	12.80	Excellent	85.45	0.40	0.93
364	Cabbage palmetto	<i>Sabal palmetto</i>	45.0	11.60	Excellent	90.26	0.42	0.99
365	Southern redcedar	<i>Juniperus virginiana</i>	8.9	10.10	Excellent	125.84	0.58	1.38
366	Slash pine	<i>Pinus elliotii</i>	22.4	7.90	Excellent	78.20	0.36	0.85
367	Slash pine	<i>Pinus elliotii</i>	22.9	7.60	Excellent	71.54	0.33	0.78
368	Coconut palm	<i>Cocos nucifera</i>	18.8	7.60	Excellent	100.58	0.47	1.10
369	Coconut palm	<i>Cocos nucifera</i>	21.3	10.70	Excellent	165.29	0.77	1.81
370	Coconut palm	<i>Cocos nucifera</i>	21.6	10.10	Excellent	118.67	0.55	1.30
371	Coconut palm	<i>Cocos nucifera</i>	18.3	10.10	Excellent	121.65	0.57	1.33
372	Coconut palm	<i>Cocos nucifera</i>	21.8	9.80	Excellent	152.96	0.71	1.67
373	Coconut palm	<i>Cocos nucifera</i>	20.8	9.10	Excellent	93.33	0.43	1.02
374	Coconut palm	<i>Cocos nucifera</i>	20.8	6.70	Excellent	88.13	0.41	0.96
375	Coconut palm	<i>Cocos nucifera</i>	16.5	9.80	Excellent	140.00	0.65	1.53
376	Coconut palm	<i>Cocos nucifera</i>	18.3	9.10	Excellent	186.74	0.87	2.04
377	Coconut palm	<i>Cocos nucifera</i>	22.9	7.00	Excellent	73.29	0.34	0.80
378	Coconut palm	<i>Cocos nucifera</i>	11.4	11.30	Excellent	196.83	0.91	2.15
379	Slash pine	<i>Pinus elliotii</i>	22.9	11.60	Excellent	392.58	1.82	4.29
380	Washingtonia palm	<i>Washingtonia filifera</i>	29.0	10.70	Excellent	74.55	0.35	0.81

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
381	Live oak	<i>Quercus virginiana</i>	31.8	10.70	Excellent	41.85	0.19	0.46
382	Live oak	<i>Quercus virginiana</i>	21.8	10.10	Excellent	242.47	1.13	2.65
383	Coconut palm	<i>Cocos nucifera</i>	15.5	11.30	Excellent	677.61	3.15	7.41
384	Slash pine	<i>Pinus elliotii</i>	15.2	9.10	Excellent	46.43	0.22	0.51
385	Live oak	<i>Quercus virginiana</i>	10.2	10.40	Excellent	279.16	1.30	3.05
386	Washintonia palm	<i>Washingtonia filifera</i>	37.6	8.20	Excellent	50.85	0.24	0.56
387	Washintonia palm	<i>Washingtonia filifera</i>	11.7	10.10	Excellent	59.80	0.28	0.65
388	Washintonia palm	<i>Washingtonia filifera</i>	35.6	8.80	Excellent	49.75	0.23	0.54
389	Royal poinciana	<i>Delonix regia</i>	17.3	9.80	Excellent	165.04	0.77	1.80
390	Slash pine	<i>Pinus elliotii</i>	15.5	8.50	Good	41.86	0.19	0.46
391	Washintonia palm	<i>Washingtonia filifera</i>	32.8	12.20	Excellent	97.52	0.45	1.07
392	Slash pine	<i>Pinus elliotii</i>	13.0	7.30	Excellent	38.66	0.18	0.42
393	Slash pine	<i>Pinus elliotii</i>	22.6	6.10	Excellent	35.05	0.16	0.38
394	Southern redcedar	<i>Juniperus virginiana</i>	5.3	10.70	Excellent	103.81	0.48	1.13
395	Slash pine	<i>Pinus elliotii</i>	14.2	8.20	Excellent	53.35	0.25	0.58
396	Southern redcedar	<i>Juniperus virginiana</i>	7.9	10.10	Excellent	136.12	0.63	1.49
397	Washintonia palm	<i>Washingtonia filifera</i>	39.1	11.30	Excellent	84.69	0.39	0.93
398	Live oak	<i>Quercus virginiana</i>	43.7	10.10	Excellent	212.97	0.99	2.33
399	Live oak	<i>Quercus virginiana</i>	41.7	12.80	Excellent	356.07	1.66	3.89
400	Live oak	<i>Quercus virginiana</i>	33.0	12.20	Excellent	387.46	1.80	4.23
401	Royal poinciana	<i>Delonix regia</i>	23.1	9.80	Excellent	288.23	1.34	3.15
402	Royal poinciana	<i>Delonix regia</i>	21.8	10.70	Excellent	279.44	1.30	3.05
403	Royal poinciana	<i>Delonix regia</i>	20.6	9.80	Excellent	268.57	1.25	2.94
404	Royal poinciana	<i>Delonix regia</i>	24.1	11.60	Excellent	362.86	1.69	3.97
405	Southern magnolia	<i>Magnolia grandiflora</i>	17.6	7.00	Excellent	44.30	0.21	0.48
406	Live oak	<i>Quercus virginiana</i>	37.3	13.70	Excellent	486.65	2.26	5.32
407	Live oak	<i>Quercus virginiana</i>	32.6	13.70	Excellent	466.45	2.17	5.10
408	Live oak	<i>Quercus virginiana</i>	33.3	12.20	Excellent	473.57	2.20	5.18
409	Live oak	<i>Quercus virginiana</i>	36.8	13.70	Excellent	482.30	2.24	5.27
410	Southern magnolia	<i>Magnolia grandiflora</i>	9.7	7.00	Excellent	44.30	0.21	0.48
411	Southern magnolia	<i>Magnolia grandiflora</i>	6.9	7.30	Good	60.26	0.28	0.66
412	Southern magnolia	<i>Magnolia grandiflora</i>	7.1	7.90	Excellent	44.30	0.21	0.48
413	Southern magnolia	<i>Magnolia grandiflora</i>	8.6	8.50	Excellent	44.30	0.21	0.48
414	Southern magnolia	<i>Magnolia grandiflora</i>	17.7	7.00	Excellent	50.85	0.24	0.56
415	Live oak	<i>Quercus virginiana</i>	31.0	11.30	Excellent	354.73	1.65	3.88
416	Southern magnolia	<i>Magnolia grandiflora</i>	10.9	5.50	Excellent	29.04	0.13	0.32
417	Southern magnolia	<i>Magnolia grandiflora</i>	13.1	7.30	Excellent	50.88	0.24	0.56
418	Southern magnolia	<i>Magnolia grandiflora</i>	15.2	7.00	Excellent	44.38	0.21	0.49
419	Live oak	<i>Quercus virginiana</i>	41.9	12.20	Excellent	452.83	2.11	4.95
420	Live oak	<i>Quercus virginiana</i>	45.5	12.20	Excellent	448.37	2.08	4.90
421	Live oak	<i>Quercus virginiana</i>	43.9	12.80	Excellent	457.31	2.13	5.00
422	Live oak	<i>Quercus virginiana</i>	41.1	11.60	Excellent	339.59	1.58	3.71

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
423	Live oak	<i>Quercus virginiana</i>	23.9	13.70	Excellent	492.64	2.29	5.38
424	Live oak	<i>Quercus virginiana</i>	32.5	10.70	Excellent	381.37	1.77	4.17
425	Live oak	<i>Quercus virginiana</i>	38.1	10.10	Excellent	339.33	1.58	3.71
426	Live oak	<i>Quercus virginiana</i>	42.7	11.00	Excellent	424.33	1.97	4.64
427	Live oak	<i>Quercus virginiana</i>	34.3	12.50	Excellent	399.24	1.86	4.36
428	Live oak	<i>Quercus virginiana</i>	31.5	10.40	Excellent	347.38	1.61	3.80
429	Live oak	<i>Quercus virginiana</i>	40.9	10.40	Excellent	417.04	1.94	4.56
430	Live oak	<i>Quercus virginiana</i>	27.7	11.00	Excellent	334.60	1.56	3.66
431	Live oak	<i>Quercus virginiana</i>	40.1	11.60	Excellent	464.31	2.16	5.07
432	Live oak	<i>Quercus virginiana</i>	46.5	12.20	Excellent	388.31	1.81	4.24
433	Live oak	<i>Quercus virginiana</i>	41.7	12.80	Excellent	443.39	2.06	4.85
434	Live oak	<i>Quercus virginiana</i>	51.8	14.00	Excellent	521.39	2.42	5.70
435	Live oak	<i>Quercus virginiana</i>	45.5	12.80	Excellent	460.80	2.14	5.04
436	Live oak	<i>Quercus virginiana</i>	50.0	11.90	Excellent	390.56	1.82	4.27
437	Live oak	<i>Quercus virginiana</i>	13.5	6.70	Excellent	281.22	1.31	3.07
438	Live oak	<i>Quercus virginiana</i>	36.8	12.20	Excellent	445.81	2.07	4.87
439	Live oak	<i>Quercus virginiana</i>	32.0	10.40	Excellent	308.88	1.44	3.38
440	Live oak	<i>Quercus virginiana</i>	33.8	10.40	Excellent	308.88	1.44	3.38
441	Live oak	<i>Quercus virginiana</i>	50.3	11.00	Excellent	433.77	2.02	4.74
442	Live oak	<i>Quercus virginiana</i>	38.4	12.20	Excellent	464.04	2.16	5.07
443	Live oak	<i>Quercus virginiana</i>	35.8	10.40	Excellent	372.00	1.73	4.07
444	Live oak	<i>Quercus virginiana</i>	25.4	9.80	Excellent	320.78	1.49	3.51
445	Slash pine	<i>Pinus elliotii</i>	48.0	7.60	Excellent	35.44	0.16	0.39
446	Live oak	<i>Quercus virginiana</i>	38.1	10.70	Excellent	428.95	1.99	4.69
447	Live oak	<i>Quercus virginiana</i>	31.8	12.80	Excellent	427.38	1.99	4.67
448	Live oak	<i>Quercus virginiana</i>	38.9	12.80	Excellent	454.29	2.11	4.97
449	Live oak	<i>Quercus virginiana</i>	23.9	9.10	Excellent	375.08	1.74	4.10
450	Live oak	<i>Quercus virginiana</i>	51.8	8.50	Excellent	259.72	1.21	2.84
451	Live oak	<i>Quercus virginiana</i>	23.6	9.10	Excellent	286.46	1.33	3.13
452	Live oak	<i>Quercus virginiana</i>	30.2	11.00	Excellent	420.97	1.96	4.60
453	Live oak	<i>Quercus virginiana</i>	41.1	11.00	Excellent	438.02	2.04	4.79
454	Live oak	<i>Quercus virginiana</i>	46.2	11.60	Excellent	456.93	2.12	4.99
455	Live oak	<i>Quercus virginiana</i>	39.6	10.70	Excellent	307.10	1.43	3.36
456	Live oak	<i>Quercus virginiana</i>	32.3	12.20	Excellent	460.23	2.14	5.03
457	Live oak	<i>Quercus virginiana</i>	47.2	13.40	Excellent	475.02	2.21	5.19
458	Live oak	<i>Quercus virginiana</i>	45.2	12.20	Excellent	460.80	2.14	5.04
459	Live oak	<i>Quercus virginiana</i>	46.2	11.90	Excellent	463.55	2.15	5.07
460	Live oak	<i>Quercus virginiana</i>	33.0	9.80	Excellent	441.90	2.05	4.83
461	Live oak	<i>Quercus virginiana</i>	43.4	7.90	Excellent	251.16	1.17	2.75
462	Live oak	<i>Quercus virginiana</i>	33.5	9.10	Excellent	329.09	1.53	3.60
463	Live oak	<i>Quercus virginiana</i>	49.0	9.80	Excellent	307.10	1.43	3.36
464	Live oak	<i>Quercus virginiana</i>	51.1	9.10	Excellent	345.25	1.60	3.77

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
465	Live oak	<i>Quercus virginiana</i>	46.2	12.20	Excellent	442.14	2.06	4.83
466	Live oak	<i>Quercus virginiana</i>	43.2	13.70	Excellent	439.43	2.04	4.80
467	Live oak	<i>Quercus virginiana</i>	42.4	11.60	Excellent	452.08	2.10	4.94
468	Live oak	<i>Quercus virginiana</i>	36.6	12.20	Excellent	467.61	2.17	5.11
469	Live oak	<i>Quercus virginiana</i>	21.8	12.20	Excellent	448.76	2.09	4.90
470	Live oak	<i>Quercus virginiana</i>	38.9	10.70	Excellent	441.20	2.05	4.82
471	Live oak	<i>Quercus virginiana</i>	31.5	11.30	Excellent	439.32	2.04	4.80
472	Live oak	<i>Quercus virginiana</i>	31.5	7.60	Excellent	296.20	1.38	3.24
473	Live oak	<i>Quercus virginiana</i>	30.5	8.80	Excellent	208.49	0.97	2.28
474	Live oak	<i>Quercus virginiana</i>	32.0	10.70	Excellent	334.60	1.56	3.66
475	Live oak	<i>Quercus virginiana</i>	39.9	11.60	Excellent	404.46	1.88	4.42
476	Live oak	<i>Quercus virginiana</i>	45.5	8.50	Excellent	160.46	0.75	1.75
477	Live oak	<i>Quercus virginiana</i>	41.1	8.50	Excellent	168.03	0.78	1.84
478	Live oak	<i>Quercus virginiana</i>	35.3	8.50	Excellent	160.40	0.75	1.75
479	Live oak	<i>Quercus virginiana</i>	36.3	10.40	Excellent	418.10	1.94	4.57
480	Live oak	<i>Quercus virginiana</i>	45.5	12.20	Excellent	461.57	2.15	5.04
481	Live oak	<i>Quercus virginiana</i>	23.4	12.50	Excellent	380.29	1.77	4.16
482	Royal poinciana	<i>Delonix regia</i>	45.5	11.60	Excellent	204.62	0.95	2.24
483	Royal poinciana	<i>Delonix regia</i>	32.5	10.70	Excellent	204.93	0.95	2.24
484	Royal poinciana	<i>Delonix regia</i>	24.6	7.90	Excellent	157.62	0.73	1.72
485	Royal poinciana	<i>Delonix regia</i>	43.4	10.40	Excellent	209.99	0.98	2.30
486	Royal poinciana	<i>Delonix regia</i>	46.7	9.10	Excellent	180.48	0.84	1.97
487	Royal poinciana	<i>Delonix regia</i>	17.8	7.60	Excellent	163.96	0.76	1.79
488	Royal poinciana	<i>Delonix regia</i>	24.0	8.20	Excellent	161.26	0.75	1.76
489	Royal poinciana	<i>Delonix regia</i>	34.0	10.70	Excellent	254.14	1.18	2.78
490	Live oak	<i>Quercus virginiana</i>	31.8	9.10	Excellent	209.35	0.97	2.29
491	Live oak	<i>Quercus virginiana</i>	27.4	8.50	Excellent	197.91	0.92	2.16
492	Live oak	<i>Quercus virginiana</i>	32.8	12.80	Excellent	323.05	1.50	3.53
493	Live oak	<i>Quercus virginiana</i>	38.1	11.30	Excellent	304.90	1.42	3.33
494	Live oak	<i>Quercus virginiana</i>	34.3	10.10	Excellent	230.52	1.07	2.52
495	Live oak	<i>Quercus virginiana</i>	35.6	10.40	Excellent	289.77	1.35	3.17
496	Live oak	<i>Quercus virginiana</i>	42.7	9.10	Excellent	256.23	1.19	2.80
497	Live oak	<i>Quercus virginiana</i>	42.2	11.30	Excellent	244.70	1.14	2.67
498	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.00	Excellent	47.50	0.22	0.52
499	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.30	Excellent	50.85	0.24	0.56
500	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.90	Excellent	50.85	0.24	0.56
501	Southern magnolia	<i>Magnolia grandiflora</i>	15.2	8.50	Excellent	50.85	0.24	0.56
502	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.00	Excellent	44.38	0.21	0.49
503	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.30	Excellent	50.88	0.24	0.56
504	Southern magnolia	<i>Magnolia grandiflora</i>	11.9	5.50	Excellent	24.85	0.12	0.27
505	Southern magnolia	<i>Magnolia grandiflora</i>	16.5	7.30	Excellent	50.88	0.24	0.56
506	Washingtonia palm	<i>Washingtonia filifera</i>	23.6	12.20	Excellent	710.83	3.30	7.77

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
507	Washingtonia palm	<i>Washingtonia filifera</i>	23.4	11.30	Excellent	594.47	2.76	6.50
508	Live oak	<i>Quercus virginiana</i>	34.8	10.70	Excellent	374.15	1.74	4.09
509	Live oak	<i>Quercus virginiana</i>	45.2	9.10	Excellent	294.73	1.37	3.22
510	Live oak	<i>Quercus virginiana</i>	34.3	8.20	Excellent	251.16	1.17	2.75
511	Live oak	<i>Quercus virginiana</i>	25.7	8.50	Excellent	167.97	0.78	1.84
512	Live oak	<i>Quercus virginiana</i>	34.5	7.60	Excellent	184.05	0.86	2.01
513	Live oak	<i>Quercus virginiana</i>	45.7	9.40	Excellent	226.01	1.05	2.47
514	Live oak	<i>Quercus virginiana</i>	26.4	12.80	Excellent	473.73	2.20	5.18
515	Live oak	<i>Quercus virginiana</i>	29.2	11.60	Excellent	456.17	2.12	4.99
516	Live oak	<i>Quercus virginiana</i>	37.3	10.70	Excellent	388.31	1.81	4.24
517	Live oak	<i>Quercus virginiana</i>	28.4	8.20	Excellent	294.62	1.37	3.22
518	Live oak	<i>Quercus virginiana</i>	32.5	10.70	Excellent	266.37	1.24	2.91
519	Live oak	<i>Quercus virginiana</i>	55.9	9.80	Excellent	353.94	1.65	3.87
520	Live oak	<i>Quercus virginiana</i>	50.8	12.50	Excellent	466.76	2.17	5.10
521	Live oak	<i>Quercus virginiana</i>	55.9	11.00	Excellent	376.73	1.75	4.12
522	Live oak	<i>Quercus virginiana</i>	36.1	9.10	Excellent	234.05	1.09	2.56
523	Live oak	<i>Quercus virginiana</i>	23.6	7.30	Excellent	146.58	0.68	1.60
524	Live oak	<i>Quercus virginiana</i>	22.9	7.90	Excellent	175.82	0.82	1.92
525	Live oak	<i>Quercus virginiana</i>	37.3	9.40	Excellent	295.16	1.37	3.23
526	Live oak	<i>Quercus virginiana</i>	61.0	10.10	Excellent	322.76	1.50	3.53
527	Live oak	<i>Quercus virginiana</i>	30.7	8.80	Excellent	277.22	1.29	3.03
528	Live oak	<i>Quercus virginiana</i>	38.9	7.60	Excellent	217.68	1.01	2.38
529	Live oak	<i>Quercus virginiana</i>	33.5	9.10	Excellent	234.05	1.09	2.56
530	Live oak	<i>Quercus virginiana</i>	30.7	12.20	Excellent	359.49	1.67	3.93
531	Live oak	<i>Quercus virginiana</i>	43.2	7.30	Excellent	260.52	1.21	2.85
532	Live oak	<i>Quercus virginiana</i>	41.9	7.30	Excellent	154.44	0.72	1.69
533	Live oak	<i>Quercus virginiana</i>	45.7	10.40	Excellent	245.37	1.14	2.68
534	Live oak	<i>Quercus virginiana</i>	33.8	9.10	Excellent	160.46	0.75	1.75
535	Live oak	<i>Quercus virginiana</i>	40.1	7.00	Excellent	245.77	1.14	2.69
536	Live oak	<i>Quercus virginiana</i>	54.4	11.90	Excellent	307.34	1.43	3.36
537	Live oak	<i>Quercus virginiana</i>	45.5	13.10	Excellent	470.04	2.19	5.14
538	Live oak	<i>Quercus virginiana</i>	43.2	10.70	Excellent	447.00	2.08	4.89
539	Live oak	<i>Quercus virginiana</i>	32.8	11.00	Excellent	447.95	2.08	4.90
540	Live oak	<i>Quercus virginiana</i>	60.5	6.70	Excellent	313.51	1.46	3.43
541	Live oak	<i>Quercus virginiana</i>	41.1	11.00	Excellent	425.86	1.98	4.65
542	Live oak	<i>Quercus virginiana</i>	32.8	13.70	Excellent	413.74	1.92	4.52
543	Live oak	<i>Quercus virginiana</i>	32.0	11.60	Excellent	295.61	1.37	3.23
544	Live oak	<i>Quercus virginiana</i>	34.8	13.40	Excellent	409.29	1.90	4.47
545	Live oak	<i>Quercus virginiana</i>	35.8	11.00	Excellent	415.69	1.93	4.54
546	Live oak	<i>Quercus virginiana</i>	42.2	12.20	Excellent	467.80	2.17	5.11
547	Live oak	<i>Quercus virginiana</i>	28.7	12.20	Excellent	467.96	2.18	5.11
548	Live oak	<i>Quercus virginiana</i>	35.6	11.30	Excellent	417.04	1.94	4.56

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
549	Live oak	<i>Quercus virginiana</i>	27.9	10.70	Excellent	339.59	1.58	3.71
550	Live oak	<i>Quercus virginiana</i>	26.7	10.10	Excellent	291.27	1.35	3.18
551	Live oak	<i>Quercus virginiana</i>	24.6	11.30	Excellent	367.61	1.71	4.02
552	Live oak	<i>Quercus virginiana</i>	38.1	12.80	Excellent	473.16	2.20	5.17
553	Live oak	<i>Quercus virginiana</i>	29.2	12.80	Excellent	447.91	2.08	4.90
554	Live oak	<i>Quercus virginiana</i>	34.0	10.70	Excellent	356.26	1.66	3.89
555	Live oak	<i>Quercus virginiana</i>	35.8	11.30	Excellent	415.09	1.93	4.54
556	Live oak	<i>Quercus virginiana</i>	39.9	12.20	Excellent	462.41	2.15	5.05
557	Live oak	<i>Quercus virginiana</i>	25.4	12.50	Fair	383.60	1.78	4.19
558	Live oak	<i>Quercus virginiana</i>	34.5	10.70	Good	278.00	1.29	3.04
559	Live oak	<i>Quercus virginiana</i>	39.6	10.70	Critical	219.30	1.02	2.40
560	Live oak	<i>Quercus virginiana</i>	43.7	10.70	Excellent	322.30	1.50	3.52
561	Live oak	<i>Quercus virginiana</i>	45.7	9.10	Excellent	253.03	1.18	2.77
562	Live oak	<i>Quercus virginiana</i>	37.6	9.80	Excellent	404.89	1.88	4.43
563	Live oak	<i>Quercus virginiana</i>	36.8	8.80	Excellent	269.64	1.25	2.95
564	Live oak	<i>Quercus virginiana</i>	38.4	10.40	Excellent	328.40	1.53	3.59
565	Live oak	<i>Quercus virginiana</i>	58.4	9.10	Excellent	242.72	1.13	2.65
566	Live oak	<i>Quercus virginiana</i>	47.2	10.10	Excellent	332.68	1.55	3.64
567	Live oak	<i>Quercus virginiana</i>	56.1	8.80	Excellent	353.05	1.64	3.86
568	Live oak	<i>Quercus virginiana</i>	37.6	8.50	Excellent	353.05	1.64	3.86
569	Live oak	<i>Quercus virginiana</i>	32.0	10.10	Excellent	381.37	1.77	4.17
570	Live oak	<i>Quercus virginiana</i>	30.7	9.10	Excellent	268.96	1.25	2.94
571	Live oak	<i>Quercus virginiana</i>	55.9	10.10	Excellent	397.08	1.85	4.34
572	Live oak	<i>Quercus virginiana</i>	34.0	10.70	Excellent	400.83	1.86	4.38
573	Live oak	<i>Quercus virginiana</i>	37.3	10.10	Excellent	300.11	1.40	3.28
574	Live oak	<i>Quercus virginiana</i>	36.1	10.10	Excellent	291.27	1.35	3.18
575	Live oak	<i>Quercus virginiana</i>	38.1	12.20	Excellent	467.80	2.17	5.11
576	Live oak	<i>Quercus virginiana</i>	24.9	13.10	Excellent	478.27	2.22	5.23
577	Live oak	<i>Quercus virginiana</i>	26.2	11.60	Excellent	408.56	1.90	4.47
578	Live oak	<i>Quercus virginiana</i>	30.7	12.20	Excellent	467.80	2.17	5.11
579	Live oak	<i>Quercus virginiana</i>	32.8	11.00	Excellent	429.25	2.00	4.69
580	Live oak	<i>Quercus virginiana</i>	31.0	9.40	Excellent	313.13	1.46	3.42
581	Live oak	<i>Quercus virginiana</i>	36.1	6.40	Excellent	202.69	0.94	2.22
582	Live oak	<i>Quercus virginiana</i>	46.7	10.40	Excellent	404.02	1.88	4.42
583	Live oak	<i>Quercus virginiana</i>	49.8	11.60	Excellent	455.08	2.12	4.97
584	Live oak	<i>Quercus virginiana</i>	32.5	11.30	Excellent	453.29	2.11	4.95
585	Live oak	<i>Quercus virginiana</i>	34.3	11.30	Excellent	453.29	2.11	4.95
586	Coconut palm	<i>Cocos nucifera</i>	21.8	11.60	Excellent	248.32	1.15	2.71
587	Coconut palm	<i>Cocos nucifera</i>	27.2	10.10	Excellent	166.06	0.77	1.81
588	Coconut palm	<i>Cocos nucifera</i>	21.1	13.70	Excellent	329.62	1.53	3.60
589	Coconut palm	<i>Cocos nucifera</i>	20.3	11.60	Excellent	206.19	0.96	2.25
590	Coconut palm	<i>Cocos nucifera</i>	17.3	8.20	Excellent	79.59	0.37	0.87

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
591	Coconut palm	<i>Cocos nucifera</i>	20.8	12.80	Excellent	225.87	1.05	2.47
592	Coconut palm	<i>Cocos nucifera</i>	19.6	13.40	Excellent	299.05	1.39	3.27
593	Coconut palm	<i>Cocos nucifera</i>	19.1	9.80	Excellent	206.19	0.96	2.25
594	Coconut palm	<i>Cocos nucifera</i>	18.3	5.20	Excellent	49.00	0.23	0.54
595	Coconut palm	<i>Cocos nucifera</i>	17.3	7.00	Excellent	83.22	0.39	0.91
596	Coconut palm	<i>Cocos nucifera</i>	22.4	6.10	Excellent	67.11	0.31	0.73
597	Washintonia palm	<i>Washingtonia filifera</i>	32.3	11.60	Excellent	57.23	0.27	0.63
598	Washintonia palm	<i>Washingtonia filifera</i>	33.0	10.70	Excellent	58.37	0.27	0.64
599	Washintonia palm	<i>Washingtonia filifera</i>	25.1	13.10	Excellent	65.62	0.31	0.72
600	Washintonia palm	<i>Washingtonia filifera</i>	30.2	11.30	Excellent	50.85	0.24	0.56
601	Washintonia palm	<i>Washingtonia filifera</i>	23.4	9.10	Excellent	83.22	0.39	0.91
602	Washintonia palm	<i>Washingtonia filifera</i>	33.5	10.10	Excellent	142.13	0.66	1.55
603	Coconut palm	<i>Cocos nucifera</i>	20.3	7.30	Excellent	178.07	0.83	1.95
604	Coconut palm	<i>Cocos nucifera</i>	18.5	8.80	Excellent	238.14	1.11	2.60
605	Coconut palm	<i>Cocos nucifera</i>	20.3	9.80	Excellent	249.65	1.16	2.73
606	Coconut palm	<i>Cocos nucifera</i>	33.8	7.00	Excellent	129.81	0.60	1.42
607	Coconut palm	<i>Cocos nucifera</i>	20.3	10.10	Excellent	142.13	0.66	1.55
608	Coconut palm	<i>Cocos nucifera</i>	20.1	10.10	Excellent	207.23	0.96	2.26
609	Coconut palm	<i>Cocos nucifera</i>	18.3	10.70	Excellent	284.22	1.32	3.11
610	Coconut palm	<i>Cocos nucifera</i>	17.8	7.60	Excellent	133.98	0.62	1.46
611	Coconut palm	<i>Cocos nucifera</i>	17.8	12.20	Excellent	297.41	1.38	3.25
612	Coconut palm	<i>Cocos nucifera</i>	23.4	7.90	Excellent	142.13	0.66	1.55
613	Washintonia palm	<i>Washingtonia filifera</i>	29.7	11.30	Excellent	69.94	0.33	0.76
614	Washintonia palm	<i>Washingtonia filifera</i>	25.7	10.70	Excellent	46.58	0.22	0.51
615	Washintonia palm	<i>Washingtonia filifera</i>	26.2	11.30	Excellent	56.35	0.26	0.62
616	Washintonia palm	<i>Washingtonia filifera</i>	24.6	12.20	Excellent	147.57	0.69	1.61
617	Washintonia palm	<i>Washingtonia filifera</i>	28.2	11.90	Excellent	75.00	0.35	0.82
618	Royal poinciana	<i>Delonix regia</i>	24.1	9.80	Excellent	233.62	1.09	2.55
619	Royal poinciana	<i>Delonix regia</i>	30.4	10.10	Excellent	242.72	1.13	2.65
620	Royal poinciana	<i>Delonix regia</i>	17.5	10.70	Excellent	216.60	1.01	2.37
621	Washintonia palm	<i>Washingtonia filifera</i>	25.4	11.30	Excellent	139.51	0.65	1.52
622	Washintonia palm	<i>Washingtonia filifera</i>	19.8	10.40	Excellent	131.27	0.61	1.43
623	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.00	Excellent	74.17	0.34	0.81
624	Washintonia palm	<i>Washingtonia filifera</i>	26.9	10.40	Excellent	90.26	0.42	0.99
625	Washintonia palm	<i>Washingtonia filifera</i>	26.4	9.10	Excellent	104.02	0.48	1.14
626	Washintonia palm	<i>Washingtonia filifera</i>	23.9	9.10	Good	68.58	0.32	0.75
627	Washintonia palm	<i>Washingtonia filifera</i>	27.4	10.70	Excellent	79.14	0.37	0.86
628	Washintonia palm	<i>Washingtonia filifera</i>	26.9	8.50	Excellent	55.52	0.26	0.61
629	Washintonia palm	<i>Washingtonia filifera</i>	26.2	7.60	Good	67.85	0.32	0.74
630	Washintonia palm	<i>Washingtonia filifera</i>	21.8	9.10	Good	73.88	0.34	0.81
631	Washintonia palm	<i>Washingtonia filifera</i>	27.9	9.40	Good	99.99	0.46	1.09
632	Washintonia palm	<i>Washingtonia filifera</i>	25.1	11.60	Good	170.59	0.79	1.86

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
633	Washintonia palm	<i>Washingtonia filifera</i>	23.1	10.70	Excellent	102.54	0.48	1.12
634	Washintonia palm	<i>Washingtonia filifera</i>	26.2	10.70	Excellent	90.10	0.42	0.98
635	Washintonia palm	<i>Washingtonia filifera</i>	22.6	11.00	Excellent	102.72	0.48	1.12
636	Washintonia palm	<i>Washingtonia filifera</i>	23.6	10.10	Excellent	90.26	0.42	0.99
637	Washintonia palm	<i>Washingtonia filifera</i>	21.1	12.20	Excellent	109.25	0.51	1.19
638	Washintonia palm	<i>Washingtonia filifera</i>	22.1	12.80	Excellent	147.84	0.69	1.62
639	Washintonia palm	<i>Washingtonia filifera</i>	23.6	12.20	Excellent	147.57	0.69	1.61
640	Coconut palm	<i>Cocos nucifera</i>	20.3	2.40	Excellent	29.76	0.14	0.33
641	Coconut palm	<i>Cocos nucifera</i>	20.3	3.70	Excellent	42.00	0.20	0.46
642	Coconut palm	<i>Cocos nucifera</i>	20.3	4.00	Excellent	42.00	0.20	0.46
643	Washintonia palm	<i>Washingtonia filifera</i>	20.3	11.00	Excellent	67.49	0.31	0.74
644	Washintonia palm	<i>Washingtonia filifera</i>	25.1	12.20	Excellent	156.50	0.73	1.71
645	Washintonia palm	<i>Washingtonia filifera</i>	28.2	11.60	Excellent	116.56	0.54	1.27
646	Washintonia palm	<i>Washingtonia filifera</i>	27.2	11.30	Excellent	116.31	0.54	1.27
647	Washintonia palm	<i>Washingtonia filifera</i>	26.4	12.50	Excellent	156.27	0.73	1.71
648	Washintonia palm	<i>Washingtonia filifera</i>	20.3	12.20	Excellent	147.62	0.69	1.61
649	Washintonia palm	<i>Washingtonia filifera</i>	26.2	11.00	Excellent	102.54	0.48	1.12
650	Washintonia palm	<i>Washingtonia filifera</i>	32.0	11.00	Excellent	109.25	0.51	1.19
651	Washintonia palm	<i>Washingtonia filifera</i>	27.9	10.10	Excellent	139.26	0.65	1.52
652	Washintonia palm	<i>Washingtonia filifera</i>	28.7	10.70	Excellent	109.29	0.51	1.19
653	Washintonia palm	<i>Washingtonia filifera</i>	25.4	9.80	Excellent	91.89	0.43	1.00
654	Washintonia palm	<i>Washingtonia filifera</i>	24.6	11.00	Excellent	157.46	0.73	1.72
655	Washintonia palm	<i>Washingtonia filifera</i>	26.4	12.50	Excellent	188.81	0.88	2.06
656	Washintonia palm	<i>Washingtonia filifera</i>	39.4	11.30	Excellent	103.09	0.48	1.13
657	Washintonia palm	<i>Washingtonia filifera</i>	31.0	11.60	Excellent	131.27	0.61	1.43
658	Washintonia palm	<i>Washingtonia filifera</i>	30.5	10.70	Excellent	85.45	0.40	0.93
659	Coconut palm	<i>Cocos nucifera</i>	27.9	7.30	Good	87.86	0.41	0.96
660	Coconut palm	<i>Cocos nucifera</i>	26.7	8.80	Good	104.06	0.48	1.14
661	Coconut palm	<i>Cocos nucifera</i>	32.8	7.90	Excellent	99.65	0.46	1.09
662	Cabbage palmetto	<i>Sabal palmetto</i>	43.2	8.50	Excellent	167.71	0.78	1.83
663	Washintonia palm	<i>Washingtonia filifera</i>	27.2	9.10	Excellent	58.37	0.27	0.64
664	Washintonia palm	<i>Washingtonia filifera</i>	28.4	9.80	Excellent	57.77	0.27	0.63
665	Washintonia palm	<i>Washingtonia filifera</i>	38.1	10.70	Excellent	74.55	0.35	0.81
666	Washintonia palm	<i>Washingtonia filifera</i>	26.2	10.40	Excellent	54.20	0.25	0.59
667	Cabbage palmetto	<i>Sabal palmetto</i>	38.1	11.60	Excellent	79.86	0.37	0.87
668	Cabbage palmetto	<i>Sabal palmetto</i>	42.7	12.80	Excellent	96.65	0.45	1.06
669	Cabbage palmetto	<i>Sabal palmetto</i>	41.7	15.20	Excellent	176.70	0.82	1.93
670	Carpenteria palm	<i>Carpenteria acuminata</i>	5.1	8.20	Excellent	11.33	0.05	0.12
671	Carpenteria palm	<i>Carpenteria acuminata</i>	5.6	7.00	Excellent	11.33	0.05	0.12
672	Carpenteria palm	<i>Carpenteria acuminata</i>	5.1	5.50	Excellent	12.04	0.06	0.13
673	Carpenteria palm	<i>Carpenteria acuminata</i>	6.4	8.50	Excellent	23.84	0.11	0.26
674	Carpenteria palm	<i>Carpenteria acuminata</i>	6.4	5.50	Excellent	15.87	0.07	0.17

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
675	Carpenteria palm	<i>Carpenteria acuminata</i>	5.8	7.60	Excellent	22.09	0.10	0.24
676	Carpenteria palm	<i>Carpenteria acuminata</i>	6.4	9.80	Excellent	14.49	0.07	0.16
677	Carpenteria palm	<i>Carpenteria acuminata</i>	5.1	10.70	Excellent	13.40	0.06	0.15
678	Live oak	<i>Quercus virginiana</i>	11.7	6.40	Excellent	181.61	0.84	1.98
679	Live oak	<i>Quercus virginiana</i>	13.2	10.40	Excellent	185.53	0.86	2.03
680	Carpenteria palm	<i>Carpenteria acuminata</i>	13.7	9.80	Excellent	8.48	0.04	0.09
681	Carpenteria palm	<i>Carpenteria acuminata</i>	13.2	6.70	Excellent	8.83	0.04	0.10
682	Washintonia palm	<i>Washingtonia filifera</i>	31.2	11.30	Excellent	69.94	0.33	0.76
683	Washintonia palm	<i>Washingtonia filifera</i>	26.2	12.20	Excellent	98.83	0.46	1.08
684	Washintonia palm	<i>Washingtonia filifera</i>	22.1	13.70	Excellent	104.02	0.48	1.14
685	Washintonia palm	<i>Washingtonia filifera</i>	21.6	12.50	Excellent	57.77	0.27	0.63
686	Washintonia palm	<i>Washingtonia filifera</i>	26.7	11.60	Excellent	61.06	0.28	0.67
687	Washintonia palm	<i>Washingtonia filifera</i>	24.4	11.30	Excellent	66.17	0.31	0.72
688	Washintonia palm	<i>Washingtonia filifera</i>	25.9	12.20	Excellent	87.31	0.41	0.95
689	Washintonia palm	<i>Washingtonia filifera</i>	26.2	11.00	Excellent	70.45	0.33	0.77
690	Washintonia palm	<i>Washingtonia filifera</i>	24.1	9.80	Excellent	53.14	0.25	0.58
691	Washintonia palm	<i>Washingtonia filifera</i>	28.4	10.40	Excellent	56.76	0.26	0.62
692	Washintonia palm	<i>Washingtonia filifera</i>	24.6	11.30	Excellent	50.85	0.24	0.56
693	Washintonia palm	<i>Washingtonia filifera</i>	26.7	11.60	Excellent	48.88	0.23	0.53
694	Washintonia palm	<i>Washingtonia filifera</i>	21.6	10.10	Excellent	65.62	0.31	0.72
695	Washintonia palm	<i>Washingtonia filifera</i>	24.1	10.70	Excellent	109.32	0.51	1.19
696	Washintonia palm	<i>Washingtonia filifera</i>	26.7	12.50	Excellent	74.17	0.34	0.81
697	Washintonia palm	<i>Washingtonia filifera</i>	22.6	9.10	Excellent	75.00	0.35	0.82
698	Washintonia palm	<i>Washingtonia filifera</i>	21.8	10.10	Excellent	97.52	0.45	1.07
699	Washintonia palm	<i>Washingtonia filifera</i>	31.8	11.60	Excellent	116.56	0.54	1.27
700	Washintonia palm	<i>Washingtonia filifera</i>	24.1	12.50	Excellent	116.48	0.54	1.27
701	Washintonia palm	<i>Washingtonia filifera</i>	23.9	12.20	Excellent	64.43	0.30	0.70
702	Washintonia palm	<i>Washingtonia filifera</i>	30.5	10.70	Excellent	84.44	0.39	0.92
703	Washintonia palm	<i>Washingtonia filifera</i>	28.7	10.10	Excellent	96.37	0.45	1.05
704	Washintonia palm	<i>Washingtonia filifera</i>	30.7	9.10	Good	80.92	0.38	0.88
705	Washintonia palm	<i>Washingtonia filifera</i>	22.9	9.10	Excellent	56.01	0.26	0.61
706	Washintonia palm	<i>Washingtonia filifera</i>	27.2	11.00	Good	67.43	0.31	0.74
707	Washintonia palm	<i>Washingtonia filifera</i>	30.2	10.70	Excellent	104.02	0.48	1.14
708	Washintonia palm	<i>Washingtonia filifera</i>	22.1	10.10	Excellent	131.60	0.61	1.44
709	Washintonia palm	<i>Washingtonia filifera</i>	20.3	11.30	Fair	77.55	0.36	0.85
710	Washintonia palm	<i>Washingtonia filifera</i>	29.7	12.50	Good	165.24	0.77	1.81
711	Washintonia palm	<i>Washingtonia filifera</i>	22.1	12.20	Excellent	131.36	0.61	1.44
712	Washintonia palm	<i>Washingtonia filifera</i>	23.6	11.60	Excellent	90.04	0.42	0.98
713	Washintonia palm	<i>Washingtonia filifera</i>	29.2	12.20	Excellent	139.60	0.65	1.53
714	Washintonia palm	<i>Washingtonia filifera</i>	24.1	11.30	Excellent	54.20	0.25	0.59
715	Washintonia palm	<i>Washingtonia filifera</i>	29.5	12.80	Excellent	166.06	0.77	1.81
716	Washintonia palm	<i>Washingtonia filifera</i>	26.4	13.70	Excellent	140.00	0.65	1.53

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
717	Washintonia palm	<i>Washingtonia filifera</i>	30.0	12.20	Excellent	147.57	0.69	1.61
718	Washintonia palm	<i>Washingtonia filifera</i>	27.7	10.70	Excellent	92.56	0.43	1.01
719	Washintonia palm	<i>Washingtonia filifera</i>	23.6	11.60	Excellent	131.27	0.61	1.43
720	Washintonia palm	<i>Washingtonia filifera</i>	29.5	9.80	Good	68.90	0.32	0.75
721	Washintonia palm	<i>Washingtonia filifera</i>	25.4	8.20	Excellent	61.57	0.29	0.67
722	Washintonia palm	<i>Washingtonia filifera</i>	26.2	9.40	Good	80.34	0.37	0.88
723	Washintonia palm	<i>Washingtonia filifera</i>	25.4	11.30	Excellent	136.01	0.63	1.49
724	Washintonia palm	<i>Washingtonia filifera</i>	24.4	7.60	Excellent	50.27	0.23	0.55
725	Washintonia palm	<i>Washingtonia filifera</i>	38.1	7.90	Fair	34.78	0.16	0.38
726	Washintonia palm	<i>Washingtonia filifera</i>	27.7	8.80	Good	49.75	0.23	0.54
727	Crimson bottlebrush	<i>Callistemon citrinus</i>	12.7	5.50	Excellent	52.71	0.25	0.58
728	Crimson bottlebrush	<i>Callistemon citrinus</i>	9.7	5.50	Excellent	52.71	0.25	0.58
729	Crimson bottlebrush	<i>Callistemon citrinus</i>	15.7	5.80	Excellent	52.71	0.25	0.58
730	Washintonia palm	<i>Washingtonia filifera</i>	24.6	10.70	Excellent	85.45	0.40	0.93
731	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.30	Excellent	103.49	0.48	1.13
732	Washintonia palm	<i>Washingtonia filifera</i>	23.1	12.50	Excellent	94.20	0.44	1.03
733	Washintonia palm	<i>Washingtonia filifera</i>	23.4	10.10	Excellent	76.89	0.36	0.84
734	Washintonia palm	<i>Washingtonia filifera</i>	23.1	10.10	Excellent	91.34	0.42	1.00
735	Washintonia palm	<i>Washingtonia filifera</i>	24.1	9.10	Excellent	74.55	0.35	0.81
736	Washintonia palm	<i>Washingtonia filifera</i>	22.4	7.90	Excellent	37.23	0.17	0.41
737	Washintonia palm	<i>Washingtonia filifera</i>	23.4	8.50	Excellent	42.66	0.20	0.47
738	Washintonia palm	<i>Washingtonia filifera</i>	21.8	7.60	Excellent	38.66	0.18	0.42
739	Crimson bottlebrush	<i>Callistemon citrinus</i>	8.1	5.80	Excellent	58.47	0.27	0.64
740	Crimson bottlebrush	<i>Callistemon citrinus</i>	12.7	5.80	Excellent	60.28	0.28	0.66
741	Washintonia palm	<i>Washingtonia filifera</i>	37.3	11.00	Excellent	139.26	0.65	1.52
742	Washintonia palm	<i>Washingtonia filifera</i>	38.1	9.10	Excellent	97.52	0.45	1.07
743	Live oak	<i>Quercus virginiana</i>	35.6	10.10	Excellent	236.99	1.10	2.59
744	Washintonia palm	<i>Washingtonia filifera</i>	27.4	9.80	Excellent	69.94	0.33	0.76
745	Washintonia palm	<i>Washingtonia filifera</i>	29.2	10.70	Good	67.43	0.31	0.74
746	Washintonia palm	<i>Washingtonia filifera</i>	28.7	8.50	Good	78.50	0.36	0.86
747	Washintonia palm	<i>Washingtonia filifera</i>	28.4	7.60	Excellent	62.80	0.29	0.69
748	Live oak	<i>Quercus virginiana</i>	25.4	9.10	Good	302.53	1.41	3.31
749	Washintonia palm	<i>Washingtonia filifera</i>	24.9	10.40	Excellent	93.25	0.43	1.02
750	Washintonia palm	<i>Washingtonia filifera</i>	25.4	11.60	Excellent	131.51	0.61	1.44
751	Live oak	<i>Quercus virginiana</i>	34.0	10.40	Excellent	404.89	1.88	4.43
752	Live oak	<i>Quercus virginiana</i>	34.8	12.20	Excellent	461.57	2.15	5.04
753	Live oak	<i>Quercus virginiana</i>	30.0	11.30	Excellent	407.24	1.89	4.45
754	Washintonia palm	<i>Washingtonia filifera</i>	35.6	12.20	Excellent	85.45	0.40	0.93
755	Live oak	<i>Quercus virginiana</i>	41.9	10.70	Excellent	372.00	1.73	4.07
756	Washintonia palm	<i>Washingtonia filifera</i>	25.7	8.20	Excellent	45.66	0.21	0.50
757	Washintonia palm	<i>Washingtonia filifera</i>	26.2	6.70	Excellent	46.58	0.22	0.51
758	Washintonia palm	<i>Washingtonia filifera</i>	24.4	7.60	Excellent	40.82	0.19	0.45

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
759	Washintonia palm	<i>Washingtonia filifera</i>	26.2	10.70	Excellent	109.25	0.51	1.19
760	Washintonia palm	<i>Washingtonia filifera</i>	21.6	9.40	Excellent	55.52	0.26	0.61
761	Washintonia palm	<i>Washingtonia filifera</i>	27.7	12.20	Excellent	139.26	0.65	1.52
762	Washintonia palm	<i>Washingtonia filifera</i>	24.9	11.60	Excellent	65.62	0.31	0.72
763	Washintonia palm	<i>Washingtonia filifera</i>	23.9	10.10	Excellent	35.78	0.17	0.39
764	Washintonia palm	<i>Washingtonia filifera</i>	24.1	13.10	Excellent	79.46	0.37	0.87
765	Washintonia palm	<i>Washingtonia filifera</i>	20.3	8.50	Excellent	86.59	0.40	0.95
766	Washintonia palm	<i>Washingtonia filifera</i>	22.4	10.70	Excellent	139.35	0.65	1.52
767	Washintonia palm	<i>Washingtonia filifera</i>	24.1	10.70	Excellent	116.35	0.54	1.27
768	Cabbage palmetto	<i>Sabal palmetto</i>	45.7	7.30	Excellent	156.01	0.73	1.71
769	Washintonia palm	<i>Washingtonia filifera</i>	25.9	11.60	Excellent	97.03	0.45	1.06
770	Washintonia palm	<i>Washingtonia filifera</i>	21.1	12.20	Excellent	80.92	0.38	0.88
771	Washintonia palm	<i>Washingtonia filifera</i>	25.7	10.70	Excellent	81.60	0.38	0.89
772	Washintonia palm	<i>Washingtonia filifera</i>	28.7	11.30	Excellent	75.00	0.35	0.82
773	Washintonia palm	<i>Washingtonia filifera</i>	25.1	11.30	Excellent	96.65	0.45	1.06
774	Washintonia palm	<i>Washingtonia filifera</i>	27.2	12.80	Excellent	104.02	0.48	1.14
775	Washintonia palm	<i>Washingtonia filifera</i>	29.7	12.20	Excellent	72.45	0.34	0.79
776	Washintonia palm	<i>Washingtonia filifera</i>	22.6	9.80	Excellent	61.57	0.29	0.67
777	Washintonia palm	<i>Washingtonia filifera</i>	27.9	10.70	Excellent	61.06	0.28	0.67
778	Cabbage palmetto	<i>Sabal palmetto</i>	25.9	6.10	Excellent	40.82	0.19	0.45
779	Live oak	<i>Quercus virginiana</i>	27.2	12.50	Excellent	456.09	2.12	4.98
780	Washintonia palm	<i>Washingtonia filifera</i>	26.2	11.00	Excellent	65.62	0.31	0.72
781	Washintonia palm	<i>Washingtonia filifera</i>	31.8	11.30	Good	47.81	0.22	0.52
782	Live oak	<i>Quercus virginiana</i>	35.3	10.40	Excellent	432.52	2.01	4.73
783	Live oak	<i>Quercus virginiana</i>	27.2	10.10	Excellent	426.94	1.98	4.67
784	Live oak	<i>Quercus virginiana</i>	27.9	12.20	Excellent	410.92	1.91	4.49
785	Live oak	<i>Quercus virginiana</i>	25.4	12.50	Excellent	455.08	2.12	4.97
786	Live oak	<i>Quercus virginiana</i>	27.2	11.30	Excellent	441.51	2.05	4.83
787	Live oak	<i>Quercus virginiana</i>	22.1	10.70	Excellent	404.02	1.88	4.42
788	Live oak	<i>Quercus virginiana</i>	30.0	10.40	Excellent	418.10	1.94	4.57
789	Live oak	<i>Quercus virginiana</i>	22.4	11.00	Excellent	379.73	1.77	4.15
790	Live oak	<i>Quercus virginiana</i>	32.8	12.20	Excellent	458.40	2.13	5.01
791	Live oak	<i>Quercus virginiana</i>	31.8	10.40	Excellent	351.03	1.63	3.84
792	Washintonia palm	<i>Washingtonia filifera</i>	27.4	11.60	Excellent	132.32	0.62	1.45
793	Washintonia palm	<i>Washingtonia filifera</i>	23.9	11.30	Excellent	132.32	0.62	1.45
794	Live oak	<i>Quercus virginiana</i>	28.4	10.10	Excellent	444.89	2.07	4.86
795	Live oak	<i>Quercus virginiana</i>	32.0	10.70	Excellent	420.97	1.96	4.60
796	Live oak	<i>Quercus virginiana</i>	30.0	9.10	Excellent	428.94	1.99	4.69
797	Live oak	<i>Quercus virginiana</i>	25.7	9.40	Excellent	426.94	1.98	4.67
798	Live oak	<i>Quercus virginiana</i>	28.7	12.20	Excellent	446.31	2.07	4.88
799	Live oak	<i>Quercus virginiana</i>	21.8	10.70	Excellent	394.94	1.84	4.32
800	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.30	Excellent	61.57	0.29	0.67

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
801	Washintonia palm	<i>Washingtonia filifera</i>	28.4	11.60	Excellent	61.06	0.28	0.67
802	Live oak	<i>Quercus virginiana</i>	26.9	9.10	Excellent	329.92	1.53	3.61
803	Live oak	<i>Quercus virginiana</i>	27.2	10.10	Excellent	326.15	1.52	3.56
804	Live oak	<i>Quercus virginiana</i>	30.5	12.20	Excellent	421.27	1.96	4.60
805	Live oak	<i>Quercus virginiana</i>	24.6	10.70	Excellent	381.37	1.77	4.17
806	Live oak	<i>Quercus virginiana</i>	23.6	9.40	Excellent	277.73	1.29	3.04
807	Live oak	<i>Quercus virginiana</i>	30.5	10.40	Excellent	246.79	1.15	2.70
808	Live oak	<i>Quercus virginiana</i>	39.9	11.60	Excellent	334.01	1.55	3.65
809	Live oak	<i>Quercus virginiana</i>	39.9	11.30	Excellent	383.17	1.78	4.19
810	Live oak	<i>Quercus virginiana</i>	33.3	11.60	Excellent	446.31	2.07	4.88
811	Live oak	<i>Quercus virginiana</i>	39.6	12.20	Excellent	458.40	2.13	5.01
812	Live oak	<i>Quercus virginiana</i>	41.9	13.10	Excellent	472.51	2.20	5.16
813	Live oak	<i>Quercus virginiana</i>	44.2	11.00	Excellent	447.33	2.08	4.89
814	Live oak	<i>Quercus virginiana</i>	41.1	10.10	Excellent	441.54	2.05	4.83
815	Live oak	<i>Quercus virginiana</i>	41.1	10.40	Excellent	444.43	2.07	4.86
816	Live oak	<i>Quercus virginiana</i>	35.3	12.50	Excellent	461.21	2.14	5.04
817	Live oak	<i>Quercus virginiana</i>	44.7	10.70	Excellent	401.26	1.87	4.39
818	Live oak	<i>Quercus virginiana</i>	37.6	9.10	Excellent	329.09	1.53	3.60
819	Live oak	<i>Quercus virginiana</i>	46.7	9.40	Excellent	304.56	1.42	3.33
820	Coconut palm	<i>Cocos nucifera</i>	23.9	5.20	Excellent	72.45	0.34	0.79
821	Coconut palm	<i>Cocos nucifera</i>	22.9	9.80	Excellent	174.91	0.81	1.91
822	Coconut palm	<i>Cocos nucifera</i>	22.1	12.80	Excellent	248.32	1.15	2.71
823	Coconut palm	<i>Cocos nucifera</i>	24.4	13.40	Excellent	248.93	1.16	2.72
824	Coconut palm	<i>Cocos nucifera</i>	28.2	11.60	Excellent	184.55	0.86	2.02
825	Coconut palm	<i>Cocos nucifera</i>	28.2	10.10	Excellent	166.72	0.78	1.82
826	Coconut palm	<i>Cocos nucifera</i>	29.7	13.70	Excellent	260.13	1.21	2.84
827	Coconut palm	<i>Cocos nucifera</i>	25.4	8.20	Excellent	90.08	0.42	0.98
828	Coconut palm	<i>Cocos nucifera</i>	28.7	5.20	Excellent	68.27	0.32	0.75
829	Coconut palm	<i>Cocos nucifera</i>	26.7	4.00	Excellent	32.49	0.15	0.36
830	Live oak	<i>Quercus virginiana</i>	48.0	11.00	Excellent	284.32	1.32	3.11
831	Washintonia palm	<i>Washingtonia filifera</i>	23.1	12.80	Excellent	90.52	0.42	0.99
832	Washintonia palm	<i>Washingtonia filifera</i>	24.1	11.30	Excellent	116.89	0.54	1.28
833	Washintonia palm	<i>Washingtonia filifera</i>	23.6	11.00	Excellent	79.46	0.37	0.87
834	Washintonia palm	<i>Washingtonia filifera</i>	25.1	11.30	Excellent	96.20	0.45	1.05
835	Washintonia palm	<i>Washingtonia filifera</i>	25.1	8.80	Excellent	60.63	0.28	0.66
836	Washintonia palm	<i>Washingtonia filifera</i>	23.4	9.10	Excellent	65.62	0.31	0.72
837	Washintonia palm	<i>Washingtonia filifera</i>	27.7	10.10	Excellent	81.60	0.38	0.89
838	Washintonia palm	<i>Washingtonia filifera</i>	24.1	8.50	Excellent	64.33	0.30	0.70
839	Washintonia palm	<i>Washingtonia filifera</i>	29.0	9.40	Excellent	49.29	0.23	0.54
840	Washintonia palm	<i>Washingtonia filifera</i>	23.9	11.00	Excellent	85.97	0.40	0.94
841	Washintonia palm	<i>Washingtonia filifera</i>	24.6	10.70	Excellent	51.50	0.24	0.56
842	Washintonia palm	<i>Washingtonia filifera</i>	25.9	12.20	Excellent	53.14	0.25	0.58

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
843	Washintonia palm	<i>Washingtonia filifera</i>	26.7	12.50	Excellent	65.62	0.31	0.72
844	Washintonia palm	<i>Washingtonia filifera</i>	23.1	11.30	Excellent	90.07	0.42	0.98
845	Washintonia palm	<i>Washingtonia filifera</i>	24.9	10.70	Excellent	131.84	0.61	1.44
846	Washintonia palm	<i>Washingtonia filifera</i>	24.4	10.40	Good	72.81	0.34	0.80
847	Live oak	<i>Quercus virginiana</i>	30.2	11.60	Excellent	397.66	1.85	4.35
848	Washintonia palm	<i>Washingtonia filifera</i>	26.2	11.30	Excellent	76.17	0.35	0.83
849	Washintonia palm	<i>Washingtonia filifera</i>	23.9	12.50	Excellent	80.92	0.38	0.88
850	Washintonia palm	<i>Washingtonia filifera</i>	21.8	11.90	Excellent	61.06	0.28	0.67
851	Washintonia palm	<i>Washingtonia filifera</i>	25.1	10.70	Excellent	54.83	0.25	0.60
852	Washintonia palm	<i>Washingtonia filifera</i>	26.9	11.00	Excellent	90.26	0.42	0.99
853	Washintonia palm	<i>Washingtonia filifera</i>	28.7	12.20	Excellent	124.27	0.58	1.36
854	Live oak	<i>Quercus virginiana</i>	28.7	10.40	Excellent	315.74	1.47	3.45
855	Live oak	<i>Quercus virginiana</i>	32.3	10.10	Excellent	270.62	1.26	2.96
856	Live oak	<i>Quercus virginiana</i>	25.4	10.40	Excellent	392.67	1.83	4.29
857	Live oak	<i>Quercus virginiana</i>	21.6	11.60	Excellent	427.09	1.99	4.67
858	Live oak	<i>Quercus virginiana</i>	32.3	11.00	Excellent	331.01	1.54	3.62
859	Live oak	<i>Quercus virginiana</i>	31.0	9.80	Excellent	384.26	1.79	4.20
860	Live oak	<i>Quercus virginiana</i>	23.6	12.20	Excellent	437.53	2.03	4.78
861	Live oak	<i>Quercus virginiana</i>	21.8	10.70	Excellent	351.03	1.63	3.84
862	Live oak	<i>Quercus virginiana</i>	31.2	11.60	Excellent	453.80	2.11	4.96
863	Live oak	<i>Quercus virginiana</i>	33.0	12.80	Excellent	469.27	2.18	5.13
864	Live oak	<i>Quercus virginiana</i>	37.3	11.90	Excellent	397.66	1.85	4.35
865	Washintonia palm	<i>Washingtonia filifera</i>	27.7	11.30	Excellent	61.57	0.29	0.67
866	Live oak	<i>Quercus virginiana</i>	43.2	10.10	Excellent	434.69	2.02	4.75
867	Live oak	<i>Quercus virginiana</i>	33.3	9.10	Excellent	433.62	2.02	4.74
868	Live oak	<i>Quercus virginiana</i>	30.2	10.40	Excellent	443.98	2.06	4.85
869	Live oak	<i>Quercus virginiana</i>	43.2	8.50	Excellent	399.94	1.86	4.37
870	Live oak	<i>Quercus virginiana</i>	41.9	9.40	Excellent	428.34	1.99	4.68
871	Live oak	<i>Quercus virginiana</i>	30.5	12.50	Excellent	466.76	2.17	5.10
872	Live oak	<i>Quercus virginiana</i>	18.0	11.30	Excellent	451.52	2.10	4.93
873	Live oak	<i>Quercus virginiana</i>	29.7	10.70	Excellent	435.03	2.02	4.75
874	Live oak	<i>Quercus virginiana</i>	21.3	9.10	Excellent	388.43	1.81	4.25
875	Live oak	<i>Quercus virginiana</i>	46.7	8.20	Excellent	320.42	1.49	3.50
876	Live oak	<i>Quercus virginiana</i>	35.6	10.10	Excellent	374.15	1.74	4.09
877	Live oak	<i>Quercus virginiana</i>	27.4	11.00	Excellent	375.51	1.75	4.10
878	Live oak	<i>Quercus virginiana</i>	20.8	12.80	Excellent	299.04	1.39	3.27
879	Live oak	<i>Quercus virginiana</i>	31.0	10.40	Excellent	280.75	1.31	3.07
880	Live oak	<i>Quercus virginiana</i>	46.2	10.10	Excellent	305.67	1.42	3.34
881	Live oak	<i>Quercus virginiana</i>	31.0	6.70	Excellent	194.40	0.90	2.12
882	Live oak	<i>Quercus virginiana</i>	23.4	7.60	Excellent	184.05	0.86	2.01
883	Live oak	<i>Quercus virginiana</i>	47.5	10.10	Excellent	271.89	1.26	2.97
884	Live oak	<i>Quercus virginiana</i>	35.6	11.30	Excellent	404.46	1.88	4.42

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
885	Live oak	<i>Quercus virginiana</i>	52.3	11.00	Excellent	390.98	1.82	4.27
886	Live oak	<i>Quercus virginiana</i>	46.2	11.00	Excellent	356.26	1.66	3.89
887	Live oak	<i>Quercus virginiana</i>	41.7	10.10	Excellent	298.38	1.39	3.26
888	Live oak	<i>Quercus virginiana</i>	23.4	10.70	Excellent	342.90	1.59	3.75
889	Live oak	<i>Quercus virginiana</i>	27.4	9.10	Excellent	320.78	1.49	3.51
890	Live oak	<i>Quercus virginiana</i>	24.6	8.50	Excellent	328.61	1.53	3.59
891	Live oak	<i>Quercus virginiana</i>	31.0	8.80	Excellent	320.78	1.49	3.51
892	Live oak	<i>Quercus virginiana</i>	32.8	7.60	Excellent	346.46	1.61	3.79
893	Live oak	<i>Quercus virginiana</i>	28.4	7.30	Excellent	374.72	1.74	4.10
894	Live oak	<i>Quercus virginiana</i>	32.5	9.10	Excellent	394.64	1.83	4.31
895	Live oak	<i>Quercus virginiana</i>	25.4	9.40	Excellent	381.91	1.78	4.17
896	Live oak	<i>Quercus virginiana</i>	32.3	10.70	Excellent	366.68	1.70	4.01
897	Live oak	<i>Quercus virginiana</i>	32.5	12.20	Excellent	354.73	1.65	3.88
898	Live oak	<i>Quercus virginiana</i>	25.4	12.50	Excellent	426.01	1.98	4.66
899	Live oak	<i>Quercus virginiana</i>	29.0	11.00	Excellent	326.15	1.52	3.56
900	Live oak	<i>Quercus virginiana</i>	31.5	11.30	Excellent	369.20	1.72	4.04
901	Live oak	<i>Quercus virginiana</i>	64.3	10.40	Excellent	298.38	1.39	3.26
902	Live oak	<i>Quercus virginiana</i>	31.5	10.70	Excellent	374.15	1.74	4.09
903	Live oak	<i>Quercus virginiana</i>	37.3	10.70	Excellent	394.94	1.84	4.32
904	Live oak	<i>Quercus virginiana</i>	33.5	9.40	Excellent	406.05	1.89	4.44
905	Live oak	<i>Quercus virginiana</i>	43.2	9.10	Excellent	406.05	1.89	4.44
906	Live oak	<i>Quercus virginiana</i>	27.9	8.50	Excellent	328.61	1.53	3.59
907	Live oak	<i>Quercus virginiana</i>	24.4	7.60	Excellent	286.65	1.33	3.13
908	Live oak	<i>Quercus virginiana</i>	27.9	9.40	Excellent	412.25	1.92	4.51
909	Live oak	<i>Quercus virginiana</i>	46.2	7.30	Excellent	385.58	1.79	4.21
910	Live oak	<i>Quercus virginiana</i>	48.8	8.50	Excellent	438.19	2.04	4.79
911	Live oak	<i>Quercus virginiana</i>	33.3	9.80	Excellent	433.62	2.02	4.74
912	Live oak	<i>Quercus virginiana</i>	21.3	10.10	Excellent	444.61	2.07	4.86
913	Live oak	<i>Quercus virginiana</i>	41.7	11.90	Excellent	453.29	2.11	4.95
914	Live oak	<i>Quercus virginiana</i>	26.9	12.50	Excellent	458.40	2.13	5.01
915	Live oak	<i>Quercus virginiana</i>	30.5	12.20	Excellent	456.93	2.12	4.99
916	Live oak	<i>Quercus virginiana</i>	14.5	12.50	Excellent	455.08	2.12	4.97
917	Live oak	<i>Quercus virginiana</i>	34.8	12.80	Excellent	456.89	2.12	4.99
918	Live oak	<i>Quercus virginiana</i>	30.7	11.30	Excellent	419.00	1.95	4.58
919	Live oak	<i>Quercus virginiana</i>	30.7	9.10	Excellent	360.63	1.68	3.94
920	Live oak	<i>Quercus virginiana</i>	32.5	9.80	Excellent	288.23	1.34	3.15
921	Live oak	<i>Quercus virginiana</i>	23.6	10.10	Excellent	288.23	1.34	3.15
922	Live oak	<i>Quercus virginiana</i>	41.7	12.20	Excellent	354.73	1.65	3.88
923	Live oak	<i>Quercus virginiana</i>	28.4	11.60	Excellent	379.73	1.77	4.15
924	Live oak	<i>Quercus virginiana</i>	48.3	11.00	Excellent	376.73	1.75	4.12
925	Live oak	<i>Quercus virginiana</i>	17.3	11.00	Excellent	390.98	1.82	4.27
926	Live oak	<i>Quercus virginiana</i>	20.1	10.10	Excellent	298.38	1.39	3.26

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
927	Live oak	<i>Quercus virginiana</i>	18.0	10.40	Excellent	374.15	1.74	4.09
928	Live oak	<i>Quercus virginiana</i>	24.9	10.70	Excellent	336.91	1.57	3.68
929	Live oak	<i>Quercus virginiana</i>	11.2	10.40	Excellent	315.74	1.47	3.45
930	Live oak	<i>Quercus virginiana</i>	18.3	10.40	Excellent	369.20	1.72	4.04
931	Live oak	<i>Quercus virginiana</i>	17.8	9.10	Excellent	361.55	1.68	3.95
932	Live oak	<i>Quercus virginiana</i>	24.4	8.80	Excellent	313.13	1.46	3.42
933	Live oak	<i>Quercus virginiana</i>	16.5	9.40	Excellent	362.86	1.69	3.97
934	Live oak	<i>Quercus virginiana</i>	23.9	10.40	Excellent	307.10	1.43	3.36
935	Live oak	<i>Quercus virginiana</i>	20.6	10.10	Excellent	379.17	1.76	4.14
936	Live oak	<i>Quercus virginiana</i>	14.2	11.00	Excellent	331.01	1.54	3.62
937	Live oak	<i>Quercus virginiana</i>	18.3	11.30	Excellent	383.99	1.78	4.20
938	Live oak	<i>Quercus virginiana</i>	11.9	10.70	Excellent	390.98	1.82	4.27
939	Coconut palm	<i>Cocos nucifera</i>	33.0	7.00	Excellent	116.83	0.54	1.28
940	Coconut palm	<i>Cocos nucifera</i>	27.2	7.90	Excellent	108.40	0.50	1.18
941	Coconut palm	<i>Cocos nucifera</i>	32.5	7.90	Excellent	108.40	0.50	1.18
942	Coconut palm	<i>Cocos nucifera</i>	26.9	8.50	Excellent	108.40	0.50	1.18
943	Coconut palm	<i>Cocos nucifera</i>	26.2	11.00	Excellent	296.78	1.38	3.24
944	Coconut palm	<i>Cocos nucifera</i>	23.1	9.10	Excellent	237.04	1.10	2.59
945	Coconut palm	<i>Cocos nucifera</i>	26.2	10.70	Excellent	156.32	0.73	1.71
946	Coconut palm	<i>Cocos nucifera</i>	30.2	11.00	Excellent	226.70	1.05	2.48
947	Coconut palm	<i>Cocos nucifera</i>	30.2	4.00	Excellent	54.25	0.25	0.59
948	Coconut palm	<i>Cocos nucifera</i>	25.4	7.90	Excellent	120.51	0.56	1.32
949	Coconut palm	<i>Cocos nucifera</i>	30.0	10.70	Excellent	110.27	0.51	1.21
950	Coconut palm	<i>Cocos nucifera</i>	25.4	8.80	Excellent	124.76	0.58	1.36
951	Coconut palm	<i>Cocos nucifera</i>	22.9	8.50	Excellent	217.94	1.01	2.38
952	Coconut palm	<i>Cocos nucifera</i>	25.9	9.80	Excellent	273.47	1.27	2.99
953	Coconut palm	<i>Cocos nucifera</i>	26.4	9.10	Excellent	176.99	0.82	1.93
954	Coconut palm	<i>Cocos nucifera</i>	18.3	6.70	Excellent	134.94	0.63	1.47
955	Coconut palm	<i>Cocos nucifera</i>	26.2	6.70	Excellent	171.21	0.80	1.87
956	Coconut palm	<i>Cocos nucifera</i>	19.6	7.60	Excellent	133.98	0.62	1.46
957	Coconut palm	<i>Cocos nucifera</i>	29.5	9.80	Excellent	90.52	0.42	0.99
958	Coconut palm	<i>Cocos nucifera</i>	31.0	9.10	Excellent	69.94	0.33	0.76
959	Coconut palm	<i>Cocos nucifera</i>	26.2	13.10	Excellent	248.41	1.15	2.71
960	Coconut palm	<i>Cocos nucifera</i>	25.4	9.40	Excellent	196.83	0.91	2.15
961	Coconut palm	<i>Cocos nucifera</i>	28.4	8.50	Excellent	159.43	0.74	1.74
962	Coconut palm	<i>Cocos nucifera</i>	19.8	8.20	Excellent	187.89	0.87	2.05
963	Coconut palm	<i>Cocos nucifera</i>	22.4	8.20	Excellent	142.13	0.66	1.55
964	Coconut palm	<i>Cocos nucifera</i>	17.8	2.40	Excellent	113.46	0.53	1.24
965	Coconut palm	<i>Cocos nucifera</i>	21.3	3.70	Excellent	93.09	0.43	1.02
966	Coconut palm	<i>Cocos nucifera</i>	17.0	7.30	Excellent	127.07	0.59	1.39
967	Coconut palm	<i>Cocos nucifera</i>	18.3	8.80	Excellent	274.55	1.28	3.00
968	Coconut palm	<i>Cocos nucifera</i>	20.1	9.80	Excellent	184.22	0.86	2.01

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
969	Coconut palm	<i>Cocos nucifera</i>	18.8	7.00	Excellent	52.50	0.24	0.57
970	Coconut palm	<i>Cocos nucifera</i>	17.0	11.30	Excellent	165.59	0.77	1.81
971	Coconut palm	<i>Cocos nucifera</i>	23.6	5.20	Excellent	83.22	0.39	0.91
972	Coconut palm	<i>Cocos nucifera</i>	16.8	7.60	Excellent	232.03	1.08	2.54
973	Coconut palm	<i>Cocos nucifera</i>	16.5	10.70	Excellent	285.47	1.33	3.12
974	Coconut palm	<i>Cocos nucifera</i>	17.8	10.10	Excellent	309.33	1.44	3.38
975	Coconut palm	<i>Cocos nucifera</i>	18.0	10.10	Excellent	285.47	1.33	3.12
976	Coconut palm	<i>Cocos nucifera</i>	25.9	10.10	Excellent	376.71	1.75	4.12
977	Coconut palm	<i>Cocos nucifera</i>	19.1	12.80	Excellent	469.78	2.18	5.13
978	Coconut palm	<i>Cocos nucifera</i>	27.2	3.70	Excellent	23.32	0.11	0.25
979	Coconut palm	<i>Cocos nucifera</i>	18.5	3.00	Excellent	30.35	0.14	0.33
980	Coconut palm	<i>Cocos nucifera</i>	17.8	8.50	Excellent	120.51	0.56	1.32
981	Coconut palm	<i>Cocos nucifera</i>	22.6	9.10	Excellent	94.20	0.44	1.03
982	Coconut palm	<i>Cocos nucifera</i>	18.5	8.50	Excellent	85.25	0.40	0.93
983	Coconut palm	<i>Cocos nucifera</i>	23.9	7.60	Excellent	108.40	0.50	1.18
984	Coconut palm	<i>Cocos nucifera</i>	25.4	12.20	Excellent	196.83	0.91	2.15
985	Coconut palm	<i>Cocos nucifera</i>	19.1	7.90	Excellent	182.54	0.85	2.00
986	Coconut palm	<i>Cocos nucifera</i>	27.2	8.20	Excellent	255.27	1.19	2.79
987	Coconut palm	<i>Cocos nucifera</i>	24.4	9.40	Excellent	158.46	0.74	1.73
988	Coconut palm	<i>Cocos nucifera</i>	18.3	5.50	Excellent	130.68	0.61	1.43
989	Coconut palm	<i>Cocos nucifera</i>	14.0	6.10	Excellent	93.33	0.43	1.02
990	Coconut palm	<i>Cocos nucifera</i>	25.1	7.00	Excellent	117.94	0.55	1.29
991	Coconut palm	<i>Cocos nucifera</i>	17.5	5.20	Excellent	49.00	0.23	0.54
992	Coconut palm	<i>Cocos nucifera</i>	19.3	9.80	Excellent	99.65	0.46	1.09
993	Coconut palm	<i>Cocos nucifera</i>	23.1	9.10	Excellent	238.14	1.11	2.60
994	Coconut palm	<i>Cocos nucifera</i>	22.9	11.90	Excellent	298.26	1.39	3.26
995	Coconut palm	<i>Cocos nucifera</i>	24.1	9.80	Excellent	160.58	0.75	1.76
996	Coconut palm	<i>Cocos nucifera</i>	29.2	13.40	Excellent	238.77	1.11	2.61
997	Coconut palm	<i>Cocos nucifera</i>	17.8	12.80	Excellent	272.50	1.27	2.98
998	Coconut palm	<i>Cocos nucifera</i>	28.7	8.20	Excellent	127.07	0.59	1.39
999	Coconut palm	<i>Cocos nucifera</i>	18.0	11.60	Excellent	156.89	0.73	1.71
1000	Coconut palm	<i>Cocos nucifera</i>	25.1	13.70	Excellent	204.36	0.95	2.23
1001	Coconut palm	<i>Cocos nucifera</i>	18.8	10.10	Excellent	127.07	0.59	1.39
1002	Coconut palm	<i>Cocos nucifera</i>	27.9	11.60	Excellent	226.27	1.05	2.47
1003	Coconut palm	<i>Cocos nucifera</i>	26.4	9.10	Excellent	118.67	0.55	1.30
1004	Coconut palm	<i>Cocos nucifera</i>	30.7	8.50	Excellent	133.16	0.62	1.46
1005	Coconut palm	<i>Cocos nucifera</i>	23.9	12.80	Excellent	237.04	1.10	2.59
1006	Coconut palm	<i>Cocos nucifera</i>	24.1	10.10	Excellent	272.01	1.26	2.97
1007	Coconut palm	<i>Cocos nucifera</i>	14.2	8.80	Excellent	220.86	1.03	2.41
1008	Coconut palm	<i>Cocos nucifera</i>	22.1	6.70	Excellent	88.13	0.41	0.96
1009	Coconut palm	<i>Cocos nucifera</i>	22.9	9.80	Excellent	120.51	0.56	1.32
1010	Coconut palm	<i>Cocos nucifera</i>	24.1	9.10	Excellent	69.28	0.32	0.76

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1011	Coconut palm	<i>Cocos nucifera</i>	23.9	8.50	Excellent	90.08	0.42	0.98
1012	Coconut palm	<i>Cocos nucifera</i>	28.2	10.70	Excellent	143.15	0.67	1.56
1013	Coconut palm	<i>Cocos nucifera</i>	23.1	7.90	Excellent	120.51	0.56	1.32
1014	Coconut palm	<i>Cocos nucifera</i>	17.5	8.80	Excellent	98.83	0.46	1.08
1015	Coconut palm	<i>Cocos nucifera</i>	26.2	9.40	Excellent	105.41	0.49	1.15
1016	Live oak	<i>Quercus virginiana</i>	19.3	11.60	Excellent	259.72	1.21	2.84
1017	Washintonia palm	<i>Washingtonia filifera</i>	26.9	10.40	Excellent	79.46	0.37	0.87
1018	Washintonia palm	<i>Washingtonia filifera</i>	27.4	9.40	Excellent	49.75	0.23	0.54
1019	Washintonia palm	<i>Washingtonia filifera</i>	25.9	11.30	Excellent	84.69	0.39	0.93
1020	Washintonia palm	<i>Washingtonia filifera</i>	23.9	10.70	Excellent	84.44	0.39	0.92
1021	Washintonia palm	<i>Washingtonia filifera</i>	27.7	10.10	Excellent	96.65	0.45	1.06
1022	Washintonia palm	<i>Washingtonia filifera</i>	26.9	10.70	Excellent	90.04	0.42	0.98
1023	Live oak	<i>Quercus virginiana</i>	17.8	11.60	Excellent	367.22	1.71	4.01
1024	Live oak	<i>Quercus virginiana</i>	24.9	10.10	Excellent	356.90	1.66	3.90
1025	Live oak	<i>Quercus virginiana</i>	18.3	11.30	Excellent	342.66	1.59	3.75
1026	Live oak	<i>Quercus virginiana</i>	16.0	12.20	Excellent	371.74	1.73	4.06
1027	Live oak	<i>Quercus virginiana</i>	17.3	12.80	Excellent	458.69	2.13	5.01
1028	Live oak	<i>Quercus virginiana</i>	23.9	10.70	Excellent	364.31	1.69	3.98
1029	Live oak	<i>Quercus virginiana</i>	20.1	9.10	Excellent	338.11	1.57	3.70
1030	Live oak	<i>Quercus virginiana</i>	24.1	9.40	Excellent	252.08	1.17	2.76
1031	Live oak	<i>Quercus virginiana</i>	22.6	11.00	Excellent	266.37	1.24	2.91
1032	Live oak	<i>Quercus virginiana</i>	20.6	12.20	Excellent	319.53	1.49	3.49
1033	Cabbage palmetto	<i>Sabal palmetto</i>	27.9	9.10	Excellent	85.02	0.40	0.93
1034	Cabbage palmetto	<i>Sabal palmetto</i>	24.1	12.80	Excellent	79.86	0.37	0.87
1035	Cabbage palmetto	<i>Sabal palmetto</i>	32.3	12.20	Excellent	80.92	0.38	0.88
1036	Cabbage palmetto	<i>Sabal palmetto</i>	33.5	8.50	Excellent	59.80	0.28	0.65
1037	Cabbage palmetto	<i>Sabal palmetto</i>	35.6	9.40	Excellent	45.50	0.21	0.50
1038	Cabbage palmetto	<i>Sabal palmetto</i>	36.6	11.00	Excellent	66.17	0.31	0.72
1039	Cabbage palmetto	<i>Sabal palmetto</i>	37.8	11.00	Excellent	86.59	0.40	0.95
1040	Cabbage palmetto	<i>Sabal palmetto</i>	46.5	10.10	Excellent	66.79	0.31	0.73
1041	Cabbage palmetto	<i>Sabal palmetto</i>	46.5	11.30	Excellent	80.34	0.37	0.88
1042	Cabbage palmetto	<i>Sabal palmetto</i>	47.5	9.10	Excellent	58.37	0.27	0.64
1043	Cabbage palmetto	<i>Sabal palmetto</i>	51.8	12.80	Excellent	132.32	0.62	1.45
1044	Cabbage palmetto	<i>Sabal palmetto</i>	54.1	11.60	Excellent	65.62	0.31	0.72
1045	Cabbage palmetto	<i>Sabal palmetto</i>	26.2	10.70	Excellent	46.58	0.22	0.51
1046	Cabbage palmetto	<i>Sabal palmetto</i>	25.7	8.50	Excellent	55.52	0.26	0.61
1047	Cabbage palmetto	<i>Sabal palmetto</i>	37.6	11.00	Excellent	71.03	0.33	0.78
1048	Cabbage palmetto	<i>Sabal palmetto</i>	23.4	12.20	Excellent	79.46	0.37	0.87
1049	Cabbage palmetto	<i>Sabal palmetto</i>	26.2	11.00	Excellent	50.85	0.24	0.56
1050	Cabbage palmetto	<i>Sabal palmetto</i>	24.9	10.10	Excellent	56.76	0.26	0.62
1051	Cabbage palmetto	<i>Sabal palmetto</i>	23.4	9.40	Excellent	32.49	0.15	0.36
1052	Cabbage palmetto	<i>Sabal palmetto</i>	26.4	11.00	Excellent	42.66	0.20	0.47

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1053	Cabbage palmetto	<i>Sabal palmetto</i>	23.9	11.30	Excellent	69.94	0.33	0.76
1054	Live oak	<i>Quercus virginiana</i>	19.8	11.00	Excellent	345.26	1.60	3.77
1055	Live oak	<i>Quercus virginiana</i>	26.9	10.40	Excellent	340.93	1.58	3.73
1056	Cabbage palmetto	<i>Sabal palmetto</i>	39.4	11.00	Excellent	103.49	0.48	1.13
1057	Cabbage palmetto	<i>Sabal palmetto</i>	45.2	12.20	Excellent	90.88	0.42	0.99
1058	Washintonia palm	<i>Washingtonia filifera</i>	27.2	13.10	Excellent	109.25	0.51	1.19
1059	Live oak	<i>Quercus virginiana</i>	32.0	10.10	Excellent	307.10	1.43	3.36
1060	Washintonia palm	<i>Washingtonia filifera</i>	24.6	11.30	Excellent	116.89	0.54	1.28
1061	Washintonia palm	<i>Washingtonia filifera</i>	27.4	12.80	Excellent	79.86	0.37	0.87
1062	Washintonia palm	<i>Washingtonia filifera</i>	25.4	11.60	Excellent	116.27	0.54	1.27
1063	Washintonia palm	<i>Washingtonia filifera</i>	25.9	12.20	Excellent	84.69	0.39	0.93
1064	Washintonia palm	<i>Washingtonia filifera</i>	24.1	11.30	Excellent	102.57	0.48	1.12
1065	Washintonia palm	<i>Washingtonia filifera</i>	29.5	11.00	Excellent	84.23	0.39	0.92
1066	Cabbage palmetto	<i>Sabal palmetto</i>	56.9	7.60	Excellent	50.85	0.24	0.56
1067	Cabbage palmetto	<i>Sabal palmetto</i>	49.3	8.50	Excellent	80.34	0.37	0.88
1068	Cabbage palmetto	<i>Sabal palmetto</i>	52.6	9.10	Excellent	71.03	0.33	0.78
1069	Cabbage palmetto	<i>Sabal palmetto</i>	29.7	10.10	Excellent	116.56	0.54	1.27
1070	Cabbage palmetto	<i>Sabal palmetto</i>	32.3	9.10	Excellent	104.02	0.48	1.14
1071	Cabbage palmetto	<i>Sabal palmetto</i>	30.2	11.30	Excellent	110.82	0.52	1.21
1072	Cabbage palmetto	<i>Sabal palmetto</i>	34.0	11.60	Excellent	98.83	0.46	1.08
1073	Live oak	<i>Quercus virginiana</i>	15.7	10.10	Excellent	349.01	1.62	3.81
1074	Live oak	<i>Quercus virginiana</i>	19.3	10.10	Excellent	379.17	1.76	4.14
1075	Royal poinciana	<i>Delonix regia</i>	26.9	9.80	Excellent	242.37	1.13	2.65
1076	Live oak	<i>Quercus virginiana</i>	19.6	10.70	Excellent	340.93	1.58	3.73
1077	Royal poinciana	<i>Delonix regia</i>	26.4	11.00	Excellent	201.41	0.94	2.20
1078	Royal poinciana	<i>Delonix regia</i>	28.4	10.10	Excellent	250.98	1.17	2.74
1079	Royal poinciana	<i>Delonix regia</i>	24.9	11.30	Excellent	246.79	1.15	2.70
1080	Royal poinciana	<i>Delonix regia</i>	26.7	10.40	Excellent	270.62	1.26	2.96
1081	Royal poinciana	<i>Delonix regia</i>	26.4	11.60	Excellent	226.01	1.05	2.47
1082	Royal poinciana	<i>Delonix regia</i>	24.6	11.00	Excellent	254.18	1.18	2.78
1083	Royal poinciana	<i>Delonix regia</i>	27.4	10.10	Excellent	153.06	0.71	1.67
1084	Royal poinciana	<i>Delonix regia</i>	23.6	11.30	Excellent	200.18	0.93	2.19
1085	Royal palm	<i>Roystonea</i>	50.8	15.20	Excellent	482.65	2.24	5.28
1086	Cabbage palmetto	<i>Sabal palmetto</i>	31.8	11.00	Excellent	75.00	0.35	0.82
1087	Slash pine	<i>Pinus elliotii</i>	23.1	9.10	Excellent	37.05	0.17	0.40
1088	Cabbage palmetto	<i>Sabal palmetto</i>	30.5	9.10	Excellent	80.34	0.37	0.88
1089	Cabbage palmetto	<i>Sabal palmetto</i>	44.7	10.10	Excellent	117.35	0.55	1.28
1090	Live oak	<i>Quercus virginiana</i>	56.6	10.10	Excellent	308.88	1.44	3.38
1091	Cabbage palmetto	<i>Sabal palmetto</i>	51.8	7.60	Excellent	59.05	0.27	0.65
1092	Live oak	<i>Quercus virginiana</i>	29.7	10.70	Excellent	353.45	1.64	3.86
1093	Slash pine	<i>Pinus elliotii</i>	23.4	9.40	Good	36.81	0.17	0.40
1094	Cabbage palmetto	<i>Sabal palmetto</i>	47.5	12.80	Excellent	148.36	0.69	1.62

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1095	Slash pine	<i>Pinus elliotii</i>	9.1	10.40	Excellent	74.25	0.35	0.81
1096	Cabbage palmetto	<i>Sabal palmetto</i>	46.7	11.60	Excellent	131.60	0.61	1.44
1097	Live oak	<i>Quercus virginiana</i>	48.3	11.30	Excellent	429.25	2.00	4.69
1098	Live oak	<i>Quercus virginiana</i>	63.5	11.30	Excellent	429.25	2.00	4.69
1099	Live oak	<i>Quercus virginiana</i>	54.9	11.30	Excellent	337.40	1.57	3.69
1100	Earleaf acacia	<i>Acacia auriculaeformis</i>	44.2	12.80	Excellent	433.62	2.02	4.74
1101	Live oak	<i>Quercus virginiana</i>	50.8	12.20	Excellent	363.13	1.69	3.97
1102	Live oak	<i>Quercus virginiana</i>	27.2	12.20	Excellent	371.34	1.73	4.06
1103	Live oak	<i>Quercus virginiana</i>	27.2	11.60	Excellent	413.30	1.92	4.52
1104	Live oak	<i>Quercus virginiana</i>	44.7	12.20	Excellent	394.52	1.83	4.31
1105	Live oak	<i>Quercus virginiana</i>	28.2	11.30	Excellent	351.16	1.63	3.84
1106	Live oak	<i>Quercus virginiana</i>	36.6	11.00	Excellent	322.30	1.50	3.52
1107	Washintonia palm	<i>Washingtonia filifera</i>	25.4	11.30	Excellent	69.94	0.33	0.76
1108	Washintonia palm	<i>Washingtonia filifera</i>	22.1	13.10	Excellent	61.06	0.28	0.67
1109	Washintonia palm	<i>Washingtonia filifera</i>	23.6	13.70	Excellent	54.20	0.25	0.59
1110	Washintonia palm	<i>Washingtonia filifera</i>	27.7	12.20	Excellent	66.17	0.31	0.72
1111	Washintonia palm	<i>Washingtonia filifera</i>	23.1	11.60	Excellent	55.52	0.26	0.61
1112	Washintonia palm	<i>Washingtonia filifera</i>	22.9	11.60	Excellent	47.71	0.22	0.52
1113	Washintonia palm	<i>Washingtonia filifera</i>	21.8	12.80	Excellent	57.23	0.27	0.63
1114	Washintonia palm	<i>Washingtonia filifera</i>	22.9	12.20	Excellent	44.16	0.21	0.48
1115	Washintonia palm	<i>Washingtonia filifera</i>	23.1	12.20	Excellent	57.23	0.27	0.63
1116	Washintonia palm	<i>Washingtonia filifera</i>	20.8	12.20	Excellent	46.58	0.22	0.51
1117	Washintonia palm	<i>Washingtonia filifera</i>	25.9	11.30	Excellent	38.22	0.18	0.42
1118	Washintonia palm	<i>Washingtonia filifera</i>	24.6	11.30	Excellent	50.27	0.23	0.55
1119	Washintonia palm	<i>Washingtonia filifera</i>	26.9	11.90	Excellent	53.64	0.25	0.59
1120	Washintonia palm	<i>Washingtonia filifera</i>	20.8	12.20	Excellent	61.57	0.29	0.67
1121	Washintonia palm	<i>Washingtonia filifera</i>	24.9	12.80	Excellent	61.57	0.29	0.67
1122	Washintonia palm	<i>Washingtonia filifera</i>	17.8	12.80	Excellent	54.20	0.25	0.59
1123	Washintonia palm	<i>Washingtonia filifera</i>	21.6	12.80	Excellent	69.94	0.33	0.76
1124	Washintonia palm	<i>Washingtonia filifera</i>	20.8	12.20	Excellent	55.52	0.26	0.61
1125	Washintonia palm	<i>Washingtonia filifera</i>	24.1	11.60	Excellent	54.83	0.25	0.60
1126	Washintonia palm	<i>Washingtonia filifera</i>	23.9	11.30	Excellent	48.37	0.22	0.53
1127	Washintonia palm	<i>Washingtonia filifera</i>	23.6	11.30	Excellent	62.80	0.29	0.69
1128	Washintonia palm	<i>Washingtonia filifera</i>	23.9	12.20	Excellent	61.57	0.29	0.67
1129	Washintonia palm	<i>Washingtonia filifera</i>	23.9	11.60	Good	61.57	0.29	0.67
1130	Washintonia palm	<i>Washingtonia filifera</i>	24.1	12.20	Good	44.16	0.21	0.48
1131	Washintonia palm	<i>Washingtonia filifera</i>	24.4	10.70	Good	40.82	0.19	0.45
1132	Washintonia palm	<i>Washingtonia filifera</i>	22.9	11.60	Good	56.01	0.26	0.61
1133	Washintonia palm	<i>Washingtonia filifera</i>	24.1	11.00	Good	46.09	0.21	0.50
1134	Washintonia palm	<i>Washingtonia filifera</i>	23.1	10.70	Good	43.60	0.20	0.48
1135	Brazilian pepper	<i>Schinus terebinthifolius</i>	55.9	12.20	Poor	290.33	1.35	3.17
1136	Slash pine	<i>Pinus elliotii</i>	25.4	8.50	Excellent	37.05	0.17	0.40

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1137	Dahoon holly	<i>Ilex cassine</i>	20.3	4.30	Good	19.59	0.09	0.21
1138	Dahoon holly	<i>Ilex cassine</i>	20.3	3.00	Good	13.68	0.06	0.15
1139	Brazilian pepper	<i>Schinus terebinthifolius</i>	18.3	8.50	Poor	152.65	0.71	1.67
1140	Slash pine	<i>Pinus elliotii</i>	19.6	9.80	Excellent	53.44	0.25	0.58
1141	Slash pine	<i>Pinus elliotii</i>	21.8	9.80	Excellent	73.74	0.34	0.81
1142	Cabbage palmetto	<i>Sabal palmetto</i>	55.9	12.20	Excellent	165.59	0.77	1.81
1143	Cabbage palmetto	<i>Sabal palmetto</i>	47.2	12.80	Excellent	109.83	0.51	1.20
1144	Cabbage palmetto	<i>Sabal palmetto</i>	60.5	12.80	Excellent	96.65	0.45	1.06
1145	Cabbage palmetto	<i>Sabal palmetto</i>	57.4	15.50	Excellent	211.19	0.98	2.31
1146	Cabbage palmetto	<i>Sabal palmetto</i>	48.8	14.00	Excellent	197.64	0.92	2.16
1147	Coco plum	<i>Chrysobalanus icaco</i>	31.5	4.90	Good	75.24	0.35	0.82
1148	Earleaf acacia	<i>Acacia auriculaeformis</i>	42.2	10.70	Excellent	263.03	1.22	2.87
1149	Slash pine	<i>Pinus elliotii</i>	45.7	9.40	Excellent	80.77	0.38	0.88
1150	Cabbage palmetto	<i>Sabal palmetto</i>	50.8	9.40	Excellent	74.55	0.35	0.81
1151	Live oak	<i>Quercus virginiana</i>	61.0	10.70	Excellent	277.04	1.29	3.03
1152	Cabbage palmetto	<i>Sabal palmetto</i>	61.0	9.80	Excellent	157.05	0.73	1.72
1153	Cabbage palmetto	<i>Sabal palmetto</i>	34.8	9.80	Excellent	157.05	0.73	1.72
1154	Slash pine	<i>Pinus elliotii</i>	17.3	10.40	Excellent	48.27	0.22	0.53
1155	Slash pine	<i>Pinus elliotii</i>	24.6	11.00	Excellent	55.39	0.26	0.61
1156	Earleaf acacia	<i>Acacia auriculaeformis</i>	40.6	9.10	Good	111.34	0.52	1.22
1157	Live oak	<i>Quercus virginiana</i>	40.6	7.90	Excellent	208.26	0.97	2.28
1158	Australian pine	<i>Casuarina equisetifolia</i>	55.9	9.80	Excellent	348.37	1.62	3.81
1159	Dahoon holly	<i>Ilex cassine</i>	45.7	4.60	Excellent	53.76	0.25	0.59
1160	Dahoon holly	<i>Ilex cassine</i>	50.8	5.20	Excellent	69.30	0.32	0.76
1161	Slash pine	<i>Pinus elliotii</i>	18.5	8.20	Excellent	89.38	0.42	0.98
1162	Slash pine	<i>Pinus elliotii</i>	32.0	8.50	Excellent	84.77	0.39	0.93
1163	Cabbage palmetto	<i>Sabal palmetto</i>	35.8	12.20	Excellent	97.52	0.45	1.07
1164	Brazilian pepper	<i>Schinus terebinthifolius</i>	23.9	11.60	Fair	234.47	1.09	2.56
1165	Brazilian pepper	<i>Schinus terebinthifolius</i>	15.7	10.70	Fair	271.35	1.26	2.97
1166	Live oak	<i>Quercus virginiana</i>	32.3	7.60	Excellent	200.31	0.93	2.19
1167	Brazilian pepper	<i>Schinus terebinthifolius</i>	45.7	11.00	Poor	210.83	0.98	2.30
1168	Cabbage palmetto	<i>Sabal palmetto</i>	50.8	8.50	Good	53.86	0.25	0.59
1169	Cabbage palmetto	<i>Sabal palmetto</i>	34.3	9.40	Good	60.28	0.28	0.66
1170	Live oak	<i>Quercus virginiana</i>	48.8	7.90	Excellent	199.81	0.93	2.18
1171	Cabbage palmetto	<i>Sabal palmetto</i>	30.5	11.00	Excellent	96.17	0.45	1.05
1172	Brazilian pepper	<i>Schinus terebinthifolius</i>	30.5	11.30	Good	191.60	0.89	2.09
1173	Slash pine	<i>Pinus elliotii</i>	16.3	9.10	Good	82.23	0.38	0.90
1174	Brazilian pepper	<i>Schinus terebinthifolius</i>	61.0	10.10	Fair	109.21	0.51	1.19
1175	Live oak	<i>Quercus virginiana</i>	26.7	7.00	Excellent	139.52	0.65	1.52
1176	Australian pine	<i>Casuarina equisetifolia</i>	32.5	9.10	Excellent	199.46	0.93	2.18
1177	Brazilian pepper	<i>Schinus terebinthifolius</i>	20.3	7.60	Good	65.86	0.31	0.72
1178	Live oak	<i>Quercus virginiana</i>	56.6	12.20	Excellent	456.09	2.12	4.98

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1179	Brazilian pepper	<i>Schinus terebinthifolius</i>	25.4	10.70	Poor	104.97	0.49	1.15
1180	Live oak	<i>Quercus virginiana</i>	61.2	13.10	Excellent	466.76	2.17	5.10
1181	Brazilian pepper	<i>Schinus terebinthifolius</i>	25.4	10.10	Poor	150.21	0.70	1.64
1182	Australian pine	<i>Casuarina equisetifolia</i>	57.7	9.10	Excellent	217.94	1.01	2.38
1183	Carpenteria palm	<i>Carpenteria acuminata</i>	11.2	4.30	Excellent	22.18	0.10	0.24
1184	Carpenteria palm	<i>Carpenteria acuminata</i>	19.3	5.50	Excellent	37.31	0.17	0.41
1185	Royal poinciana	<i>Delonix regia</i>	22.4	9.80	Excellent	217.06	1.01	2.37
1186	Royal poinciana	<i>Delonix regia</i>	24.4	10.10	Excellent	233.78	1.09	2.56
1187	Brazilian pepper	<i>Schinus terebinthifolius</i>	18.0	9.10	Good	73.40	0.34	0.80
1188	Royal poinciana	<i>Delonix regia</i>	21.3	10.70	Excellent	261.80	1.22	2.86
1189	Royal poinciana	<i>Delonix regia</i>	27.4	11.60	Excellent	261.80	1.22	2.86
1190	Brazilian pepper	<i>Schinus terebinthifolius</i>	7.6	10.70	Good	186.17	0.87	2.03
1191	Royal poinciana	<i>Delonix regia</i>	21.6	9.80	Excellent	199.88	0.93	2.18
1192	Dahoon holly	<i>Ilex cassine</i>	26.9	4.60	Excellent	48.14	0.22	0.53
1193	Earleaf acacia	<i>Acacia auriculaeformis</i>	55.4	10.40	Excellent	276.60	1.29	3.02
1194	Royal poinciana	<i>Delonix regia</i>	22.6	10.40	Excellent	260.19	1.21	2.84
1195	Royal poinciana	<i>Delonix regia</i>	19.6	10.10	Excellent	243.34	1.13	2.66
1196	Royal poinciana	<i>Delonix regia</i>	20.8	10.10	Excellent	216.60	1.01	2.37
1197	Royal poinciana	<i>Delonix regia</i>	18.0	10.70	Excellent	259.82	1.21	2.84
1198	Royal poinciana	<i>Delonix regia</i>	21.3	9.80	Excellent	303.79	1.41	3.32
1199	Earleaf acacia	<i>Acacia auriculaeformis</i>	77.2	9.10	Excellent	164.26	0.76	1.80
1200	Earleaf acacia	<i>Acacia auriculaeformis</i>	71.1	10.40	Excellent	276.60	1.29	3.02
1201	Live oak	<i>Quercus virginiana</i>	43.7	12.20	Excellent	394.52	1.83	4.31
1202	Live oak	<i>Quercus virginiana</i>	42.7	12.20	Excellent	408.56	1.90	4.47
1203	Live oak	<i>Quercus virginiana</i>	46.0	12.80	Excellent	463.02	2.15	5.06
1204	Live oak	<i>Quercus virginiana</i>	47.2	13.40	Excellent	473.73	2.20	5.18
1205	Live oak	<i>Quercus virginiana</i>	50.8	12.80	Excellent	460.80	2.14	5.04
1206	Live oak	<i>Quercus virginiana</i>	50.0	12.20	Excellent	454.29	2.11	4.97
1207	Live oak	<i>Quercus virginiana</i>	53.8	12.20	Excellent	454.29	2.11	4.97
1208	Live oak	<i>Quercus virginiana</i>	45.7	12.20	Excellent	473.38	2.20	5.17
1209	Live oak	<i>Quercus virginiana</i>	56.4	12.20	Excellent	457.96	2.13	5.01
1210	Live oak	<i>Quercus virginiana</i>	63.0	13.10	Excellent	452.81	2.10	4.95
1211	Live oak	<i>Quercus virginiana</i>	32.3	10.70	Excellent	427.40	1.99	4.67
1212	Live oak	<i>Quercus virginiana</i>	23.6	9.10	Excellent	381.35	1.77	4.17
1213	Live oak	<i>Quercus virginiana</i>	50.8	12.80	Excellent	467.86	2.17	5.11
1214	Live oak	<i>Quercus virginiana</i>	24.9	10.70	Excellent	443.92	2.06	4.85
1215	Live oak	<i>Quercus virginiana</i>	45.7	11.30	Excellent	441.82	2.05	4.83
1216	Live oak	<i>Quercus virginiana</i>	36.3	11.00	Excellent	422.80	1.97	4.62
1217	Live oak	<i>Quercus virginiana</i>	37.3	10.70	Excellent	419.00	1.95	4.58
1218	Live oak	<i>Quercus virginiana</i>	42.4	11.30	Excellent	442.14	2.06	4.83
1219	Live oak	<i>Quercus virginiana</i>	39.4	10.70	Excellent	424.33	1.97	4.64
1220	Live oak	<i>Quercus virginiana</i>	26.2	11.00	Excellent	400.83	1.86	4.38

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1221	Live oak	<i>Quercus virginiana</i>	30.0	10.10	Excellent	349.01	1.62	3.81
1222	Live oak	<i>Quercus virginiana</i>	39.4	9.80	Excellent	339.33	1.58	3.71
1223	Live oak	<i>Quercus virginiana</i>	35.1	10.70	Excellent	381.37	1.77	4.17
1224	Live oak	<i>Quercus virginiana</i>	36.3	10.70	Excellent	324.27	1.51	3.54
1225	Live oak	<i>Quercus virginiana</i>	25.1	10.10	Excellent	351.03	1.63	3.84
1226	Live oak	<i>Quercus virginiana</i>	35.1	9.10	Excellent	321.59	1.49	3.51
1227	Live oak	<i>Quercus virginiana</i>	34.0	10.70	Excellent	429.25	2.00	4.69
1228	Live oak	<i>Quercus virginiana</i>	33.0	11.30	Excellent	410.92	1.91	4.49
1229	Live oak	<i>Quercus virginiana</i>	39.4	11.00	Excellent	397.66	1.85	4.35
1230	Live oak	<i>Quercus virginiana</i>	50.8	13.10	Excellent	459.52	2.14	5.02
1231	Live oak	<i>Quercus virginiana</i>	35.1	11.60	Excellent	446.19	2.07	4.88
1232	Live oak	<i>Quercus virginiana</i>	35.6	11.00	Excellent	444.89	2.07	4.86
1233	Live oak	<i>Quercus virginiana</i>	30.0	10.10	Excellent	407.08	1.89	4.45
1234	Live oak	<i>Quercus virginiana</i>	36.8	10.10	Excellent	402.99	1.87	4.40
1235	Live oak	<i>Quercus virginiana</i>	43.4	10.40	Excellent	418.10	1.94	4.57
1236	Live oak	<i>Quercus virginiana</i>	40.6	10.10	Excellent	356.90	1.66	3.90
1237	Live oak	<i>Quercus virginiana</i>	40.6	11.00	Excellent	372.14	1.73	4.07
1238	Live oak	<i>Quercus virginiana</i>	37.6	10.70	Excellent	379.73	1.77	4.15
1239	Live oak	<i>Quercus virginiana</i>	42.4	10.10	Excellent	326.15	1.52	3.56
1240	Live oak	<i>Quercus virginiana</i>	47.5	11.30	Excellent	397.66	1.85	4.35
1241	Live oak	<i>Quercus virginiana</i>	30.5	11.60	Excellent	375.51	1.75	4.10
1242	Live oak	<i>Quercus virginiana</i>	28.4	9.10	Excellent	296.98	1.38	3.25
1243	Live oak	<i>Quercus virginiana</i>	25.7	9.80	Excellent	280.75	1.31	3.07
1244	Live oak	<i>Quercus virginiana</i>	30.0	8.50	Excellent	320.78	1.49	3.51
1245	Live oak	<i>Quercus virginiana</i>	38.4	9.10	Excellent	355.22	1.65	3.88
1246	Live oak	<i>Quercus virginiana</i>	45.5	11.00	Excellent	367.61	1.71	4.02
1247	Live oak	<i>Quercus virginiana</i>	38.9	11.30	Excellent	453.80	2.11	4.96
1248	Live oak	<i>Quercus virginiana</i>	47.8	12.20	Excellent	443.78	2.06	4.85
1249	Live oak	<i>Quercus virginiana</i>	49.3	12.20	Excellent	457.02	2.12	4.99
1250	Live oak	<i>Quercus virginiana</i>	19.3	10.10	Excellent	435.03	2.02	4.75
1251	Live oak	<i>Quercus virginiana</i>	52.6	11.60	Excellent	410.92	1.91	4.49
1252	Live oak	<i>Quercus virginiana</i>	51.8	12.20	Excellent	461.95	2.15	5.05
1253	Live oak	<i>Quercus virginiana</i>	41.1	10.70	Excellent	420.97	1.96	4.60
1254	Live oak	<i>Quercus virginiana</i>	40.6	10.70	Excellent	397.66	1.85	4.35
1255	Live oak	<i>Quercus virginiana</i>	41.4	11.30	Excellent	432.51	2.01	4.73
1256	Live oak	<i>Quercus virginiana</i>	45.0	11.60	Excellent	351.16	1.63	3.84
1257	Live oak	<i>Quercus virginiana</i>	42.7	11.00	Excellent	356.26	1.66	3.89
1258	Live oak	<i>Quercus virginiana</i>	40.6	10.70	Excellent	336.91	1.57	3.68
1259	Live oak	<i>Quercus virginiana</i>	45.0	11.60	Excellent	339.59	1.58	3.71
1260	Live oak	<i>Quercus virginiana</i>	42.9	11.30	Excellent	419.00	1.95	4.58
1261	Live oak	<i>Quercus virginiana</i>	46.0	12.50	Excellent	467.80	2.17	5.11
1262	Live oak	<i>Quercus virginiana</i>	38.1	10.70	Excellent	441.51	2.05	4.83

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1263	Live oak	<i>Quercus virginiana</i>	31.8	10.10	Excellent	427.40	1.99	4.67
1264	Live oak	<i>Quercus virginiana</i>	15.7	6.70	Excellent	126.00	0.59	1.38
1265	Washintonia palm	<i>Washingtonia filifera</i>	27.9	11.30	Excellent	84.29	0.39	0.92
1266	Washintonia palm	<i>Washingtonia filifera</i>	41.4	12.20	Excellent	90.26	0.42	0.99
1267	Washintonia palm	<i>Washingtonia filifera</i>	38.1	11.60	Excellent	109.29	0.51	1.19
1268	Washintonia palm	<i>Washingtonia filifera</i>	33.0	11.60	Excellent	116.78	0.54	1.28
1269	Washintonia palm	<i>Washingtonia filifera</i>	32.8	11.00	Excellent	90.07	0.42	0.98
1270	Washintonia palm	<i>Washingtonia filifera</i>	29.5	11.00	Excellent	57.77	0.27	0.63
1271	Live oak	<i>Quercus virginiana</i>	21.6	7.60	Excellent	168.08	0.78	1.84
1272	Washintonia palm	<i>Washingtonia filifera</i>	29.7	11.00	Excellent	62.15	0.29	0.68
1273	Washintonia palm	<i>Washingtonia filifera</i>	23.6	10.40	Excellent	80.34	0.37	0.88
1274	Washintonia palm	<i>Washingtonia filifera</i>	22.9	11.60	Excellent	102.54	0.48	1.12
1275	Washintonia palm	<i>Washingtonia filifera</i>	30.0	11.90	Excellent	90.26	0.42	0.99
1276	Washintonia palm	<i>Washingtonia filifera</i>	30.5	10.70	Excellent	68.70	0.32	0.75
1277	Live oak	<i>Quercus virginiana</i>	21.8	7.60	Excellent	168.08	0.78	1.84
1278	Live oak	<i>Quercus virginiana</i>	17.8	7.00	Excellent	168.87	0.79	1.85
1279	Washintonia palm	<i>Washingtonia filifera</i>	27.2	10.70	Excellent	84.69	0.39	0.93
1280	Washintonia palm	<i>Washingtonia filifera</i>	24.9	11.00	Excellent	79.46	0.37	0.87
1281	Washintonia palm	<i>Washingtonia filifera</i>	25.7	10.10	Excellent	53.14	0.25	0.58
1282	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.90	Excellent	69.17	0.32	0.76
1283	Washintonia palm	<i>Washingtonia filifera</i>	29.5	11.30	Excellent	61.57	0.29	0.67
1284	Live oak	<i>Quercus virginiana</i>	61.0	13.70	Excellent	478.27	2.22	5.23
1285	Live oak	<i>Quercus virginiana</i>	26.2	10.10	Excellent	296.98	1.38	3.25
1286	Live oak	<i>Quercus virginiana</i>	10.4	6.10	Excellent	102.36	0.48	1.12
1287	Washintonia palm	<i>Washingtonia filifera</i>	28.4	11.30	Excellent	66.17	0.31	0.72
1288	Washintonia palm	<i>Washingtonia filifera</i>	26.4	11.60	Excellent	70.45	0.33	0.77
1289	Washintonia palm	<i>Washingtonia filifera</i>	27.2	12.80	Excellent	74.55	0.35	0.81
1290	Washintonia palm	<i>Washingtonia filifera</i>	23.1	12.50	Excellent	49.75	0.23	0.54
1291	Washintonia palm	<i>Washingtonia filifera</i>	25.9	12.80	Excellent	65.15	0.30	0.71
1292	Washintonia palm	<i>Washingtonia filifera</i>	21.6	11.60	Excellent	65.62	0.31	0.72
1293	Live oak	<i>Quercus virginiana</i>	38.1	10.40	Excellent	334.60	1.56	3.66
1294	Crimson bottlebrush	<i>Callistemon citrinus</i>	13.0	4.60	Excellent	27.84	0.13	0.30
1295	Crimson bottlebrush	<i>Callistemon citrinus</i>	15.7	4.60	Excellent	32.47	0.15	0.35
1296	Crimson bottlebrush	<i>Callistemon citrinus</i>	20.3	5.20	Excellent	44.10	0.21	0.48
1297	Crimson bottlebrush	<i>Callistemon citrinus</i>	22.6	5.50	Excellent	49.66	0.23	0.54
1298	Crimson bottlebrush	<i>Callistemon citrinus</i>	12.2	5.20	Excellent	52.92	0.25	0.58
1299	Crimson bottlebrush	<i>Callistemon citrinus</i>	10.2	6.10	Good	45.40	0.21	0.50
1300	Crimson bottlebrush	<i>Callistemon citrinus</i>	10.2	6.70	Good	58.47	0.27	0.64
1301	Cabbage palmetto	<i>Sabal palmetto</i>	61.0	8.80	Excellent	69.94	0.33	0.76
1302	Cabbage palmetto	<i>Sabal palmetto</i>	24.1	12.50	Excellent	70.45	0.33	0.77
1303	Cabbage palmetto	<i>Sabal palmetto</i>	26.9	13.10	Excellent	74.55	0.35	0.81
1304	Cabbage palmetto	<i>Sabal palmetto</i>	30.5	9.40	Excellent	62.80	0.29	0.69

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1305	Cabbage palmetto	<i>Sabal palmetto</i>	30.5	9.80	Excellent	49.00	0.23	0.54
1306	Live oak	<i>Quercus virginiana</i>	15.7	6.70	Excellent	126.00	0.59	1.38
1307	Live oak	<i>Quercus virginiana</i>	18.5	7.00	Excellent	168.87	0.79	1.85
1308	Cabbage palmetto	<i>Sabal palmetto</i>	27.2	10.10	Excellent	96.65	0.45	1.06
1309	Cabbage palmetto	<i>Sabal palmetto</i>	32.8	10.70	Excellent	139.35	0.65	1.52
1310	Cabbage palmetto	<i>Sabal palmetto</i>	23.1	10.70	Excellent	139.35	0.65	1.52
1311	Live oak	<i>Quercus virginiana</i>	30.5	10.10	Excellent	331.12	1.54	3.62
1312	Southern magnolia	<i>Magnolia grandiflora</i>	25.4	7.00	Excellent	47.50	0.22	0.52
1313	Southern magnolia	<i>Magnolia grandiflora</i>	20.3	7.30	Excellent	62.12	0.29	0.68
1314	Live oak	<i>Quercus virginiana</i>	30.5	10.70	Excellent	386.07	1.79	4.22
1315	Crimson bottlebrush	<i>Callistemon citrinus</i>	11.4	4.90	Excellent	32.47	0.15	0.35
1316	Crimson bottlebrush	<i>Callistemon citrinus</i>	12.7	5.50	Excellent	40.14	0.19	0.44
1317	Crimson bottlebrush	<i>Callistemon citrinus</i>	13.2	4.60	Excellent	50.77	0.24	0.55
1318	Crimson bottlebrush	<i>Callistemon citrinus</i>	22.9	5.80	Excellent	63.38	0.29	0.69
1319	Live oak	<i>Quercus virginiana</i>	64.3	10.70	Excellent	308.88	1.44	3.38
1320	Crimson bottlebrush	<i>Callistemon citrinus</i>	18.0	5.80	Excellent	33.80	0.16	0.37
1321	Crimson bottlebrush	<i>Callistemon citrinus</i>	15.7	6.40	Excellent	36.66	0.17	0.40
1322	Crimson bottlebrush	<i>Callistemon citrinus</i>	26.4	7.30	Excellent	47.91	0.22	0.52
1323	Washintonia palm	<i>Washingtonia filifera</i>	31.5	11.30	Excellent	84.69	0.39	0.93
1324	Washintonia palm	<i>Washingtonia filifera</i>	29.5	11.90	Excellent	78.92	0.37	0.86
1325	Southern magnolia	<i>Magnolia grandiflora</i>	25.4	7.90	Excellent	50.85	0.24	0.56
1326	Live oak	<i>Quercus virginiana</i>	51.3	10.10	Excellent	314.26	1.46	3.43
1327	Live oak	<i>Quercus virginiana</i>	24.4	12.20	Excellent	432.51	2.01	4.73
1328	Live oak	<i>Quercus virginiana</i>	30.5	11.30	Excellent	404.46	1.88	4.42
1329	Live oak	<i>Quercus virginiana</i>	62.7	11.60	Excellent	351.16	1.63	3.84
1330	Coconut palm	<i>Cocos nucifera</i>	22.9	6.10	Excellent	120.51	0.56	1.32
1331	Coconut palm	<i>Cocos nucifera</i>	23.9	7.60	Excellent	158.46	0.74	1.73
1332	Coconut palm	<i>Cocos nucifera</i>	20.3	6.10	Excellent	95.19	0.44	1.04
1333	Earleaf acacia	<i>Acacia auriculaeformis</i>	31.2	12.20	Good	327.65	1.52	3.58
1334	Brazilian pepper	<i>Schinus terebinthifolius</i>	23.6	10.70	Good	164.24	0.76	1.80
1335	Cabbage palmetto	<i>Sabal palmetto</i>	25.4	6.10	Excellent	81.60	0.38	0.89
1336	Earleaf acacia	<i>Acacia auriculaeformis</i>	29.6	10.70	Good	158.02	0.73	1.73
1337	Brazilian pepper	<i>Schinus terebinthifolius</i>	17.8	8.50	Good	115.76	0.54	1.27
1338	Cabbage palmetto	<i>Sabal palmetto</i>	23.9	9.10	Excellent	58.37	0.27	0.64
1339	Brazilian pepper	<i>Schinus terebinthifolius</i>	22.9	9.80	Good	74.09	0.34	0.81
1340	Earleaf acacia	<i>Acacia auriculaeformis</i>	80.3	13.70	Excellent	398.05	1.85	4.35
1341	Brazilian pepper	<i>Schinus terebinthifolius</i>	30.2	15.20	Good	340.26	1.58	3.72
1342	Washintonia palm	<i>Washingtonia filifera</i>	30.5	9.10	Excellent	90.26	0.42	0.99
1343	Washintonia palm	<i>Washingtonia filifera</i>	27.2	9.10	Excellent	90.26	0.42	0.99
1344	Washintonia palm	<i>Washingtonia filifera</i>	27.4	9.10	Excellent	90.26	0.42	0.99
1345	Brazilian pepper	<i>Schinus terebinthifolius</i>	19.4	10.10	Critical	41.93	0.19	0.46
1346	Earleaf acacia	<i>Acacia auriculaeformis</i>	49.1	15.20	Excellent	388.21	1.80	4.24

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1347	Earleaf acacia	<i>Acacia auriculaeformis</i>	20.3	10.70	Excellent	206.22	0.96	2.25
1348	Brazilian pepper	<i>Schinus terebinthifolius</i>	28.7	11.60	Excellent	210.70	0.98	2.30
1349	Earleaf acacia	<i>Acacia auriculaeformis</i>	27.2	14.60	Excellent	340.33	1.58	3.72
1350	Earleaf acacia	<i>Acacia auriculaeformis</i>	26.6	11.00	Excellent	175.71	0.82	1.92
1351	Earleaf acacia	<i>Acacia auriculaeformis</i>	17.8	9.10	Excellent	100.70	0.47	1.10
1352	Earleaf acacia	<i>Acacia auriculaeformis</i>	39.6	15.20	Excellent	389.86	1.81	4.26
1353	Live oak	<i>Quercus virginiana</i>	31.6	15.20	Excellent	438.84	2.04	4.80
1354	Earleaf acacia	<i>Acacia auriculaeformis</i>	36.1	12.20	Excellent	428.94	1.99	4.69
1355	Earleaf acacia	<i>Acacia auriculaeformis</i>	55.2	9.10	Excellent	250.98	1.17	2.74
1356	Earleaf acacia	<i>Acacia auriculaeformis</i>	63.5	10.70	Excellent	268.47	1.25	2.93
1357	Earleaf acacia	<i>Acacia auriculaeformis</i>	25.4	8.50	Excellent	176.14	0.82	1.93
1358	Earleaf acacia	<i>Acacia auriculaeformis</i>	18.0	6.10	Excellent	123.25	0.57	1.35
1359	Earleaf acacia	<i>Acacia auriculaeformis</i>	29.2	12.20	Excellent	413.30	1.92	4.52
1360	Earleaf acacia	<i>Acacia auriculaeformis</i>	32.0	8.50	Excellent	157.29	0.73	1.72
1361	Earleaf acacia	<i>Acacia auriculaeformis</i>	43.6	9.10	Excellent	290.07	1.35	3.17
1362	Earleaf acacia	<i>Acacia auriculaeformis</i>	19.3	9.10	Excellent	367.99	1.71	4.02
1363	Earleaf acacia	<i>Acacia auriculaeformis</i>	25.9	12.20	Excellent	428.95	1.99	4.69
1364	Earleaf acacia	<i>Acacia auriculaeformis</i>	33.9	10.10	Excellent	251.07	1.17	2.74
1365	Earleaf acacia	<i>Acacia auriculaeformis</i>	34.8	8.50	Excellent	259.72	1.21	2.84
1366	Earleaf acacia	<i>Acacia auriculaeformis</i>	32.5	10.10	Excellent	295.16	1.37	3.23
1367	Earleaf acacia	<i>Acacia auriculaeformis</i>	22.9	12.80	Excellent	473.57	2.20	5.18
1368	Earleaf acacia	<i>Acacia auriculaeformis</i>	22.9	9.10	Excellent	277.91	1.29	3.04
1369	Earleaf acacia	<i>Acacia auriculaeformis</i>	19.1	10.10	Excellent	367.45	1.71	4.02
1370	Earleaf acacia	<i>Acacia auriculaeformis</i>	17.8	8.50	Excellent	320.42	1.49	3.50
1371	Earleaf acacia	<i>Acacia auriculaeformis</i>	22.6	10.40	Excellent	276.60	1.29	3.02
1372	Earleaf acacia	<i>Acacia auriculaeformis</i>	20.9	12.20	Excellent	320.81	1.49	3.51
1373	Earleaf acacia	<i>Acacia auriculaeformis</i>	27.6	13.70	Good	339.70	1.58	3.71
1374	Earleaf acacia	<i>Acacia auriculaeformis</i>	47.6	11.60	Excellent	300.51	1.40	3.28
1375	Coconut palm	<i>Cocos nucifera</i>	30.5	9.10	Excellent	216.00	1.00	2.36
1376	Earleaf acacia	<i>Acacia auriculaeformis</i>	14.2	9.10	Excellent	191.63	0.89	2.09
1377	Earleaf acacia	<i>Acacia auriculaeformis</i>	12.7	6.70	Excellent	115.02	0.53	1.26
1378	Earleaf acacia	<i>Acacia auriculaeformis</i>	20.3	10.10	Excellent	124.79	0.58	1.36
1379	Earleaf acacia	<i>Acacia auriculaeformis</i>	7.6	7.30	Excellent	226.24	1.05	2.47
1380	Coconut palm	<i>Cocos nucifera</i>	30.0	9.10	Excellent	171.21	0.80	1.87
1381	Coconut palm	<i>Cocos nucifera</i>	28.7	9.10	Excellent	222.69	1.04	2.43
1382	Coconut palm	<i>Cocos nucifera</i>	21.8	9.10	Excellent	136.06	0.63	1.49
1383	Earleaf acacia	<i>Acacia auriculaeformis</i>	23.9	7.60	Excellent	299.73	1.39	3.28
1384	Coconut palm	<i>Cocos nucifera</i>	24.4	6.10	Excellent	127.07	0.59	1.39
1385	Coconut palm	<i>Cocos nucifera</i>	30.0	12.20	Excellent	260.03	1.21	2.84
1386	Coconut palm	<i>Cocos nucifera</i>	31.2	16.80	Excellent	286.62	1.33	3.13
1387	Coconut palm	<i>Cocos nucifera</i>	20.3	7.30	Excellent	113.24	0.53	1.24
1388	Earleaf acacia	<i>Acacia auriculaeformis</i>	30.5	9.10	Excellent	219.64	1.02	2.40

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1389	Coconut palm	<i>Cocos nucifera</i>	29.2	10.70	Excellent	149.70	0.70	1.64
1390	Earleaf acacia	<i>Acacia auriculaeformis</i>	15.2	9.10	Excellent	128.28	0.60	1.40
1391	Coconut palm	<i>Cocos nucifera</i>	25.4	9.10	Excellent	138.78	0.65	1.52
1392	Coconut palm	<i>Cocos nucifera</i>	21.3	9.10	Excellent	122.92	0.57	1.34
1393	Coconut palm	<i>Cocos nucifera</i>	25.7	9.10	Excellent	120.51	0.56	1.32
1394	Coconut palm	<i>Cocos nucifera</i>	25.1	9.10	Excellent	156.01	0.73	1.71
1395	Earleaf acacia	<i>Acacia auriculaeformis</i>	18.3	6.40	Excellent	148.64	0.69	1.62
1396	Brazilian pepper	<i>Schinus terebinthifolius</i>	20.3	10.70	Excellent	138.45	0.64	1.51
1397	Earleaf acacia	<i>Acacia auriculaeformis</i>	38.1	13.70	Excellent	392.67	1.83	4.29
1398	Live oak	<i>Quercus virginiana</i>	52.6	9.10	Excellent	311.77	1.45	3.41
1399	Red maple	<i>Acer rubrum</i>	40.4	8.50	Excellent	143.17	0.67	1.56
1400	Washintonia palm	<i>Washingtonia filifera</i>	39.6	11.00	Excellent	79.46	0.37	0.87
1401	Washintonia palm	<i>Washingtonia filifera</i>	26.9	9.10	Excellent	61.57	0.29	0.67
1402	Slash pine	<i>Pinus elliotii</i>	14.5	9.10	Critical	26.48	0.12	0.29
1403	Cabbage palmetto	<i>Sabal palmetto</i>	32.3	9.10	Excellent	72.45	0.34	0.79
1404	Cabbage palmetto	<i>Sabal palmetto</i>	43.2	10.10	Excellent	80.92	0.38	0.88
1405	Cabbage palmetto	<i>Sabal palmetto</i>	30.0	10.70	Excellent	116.27	0.54	1.27
1406	Southern redcedar	<i>Juniperus virginiana</i>	27.9	4.60	Excellent	54.20	0.25	0.59
1407	Southern redcedar	<i>Juniperus virginiana</i>	23.9	4.90	Excellent	50.85	0.24	0.56
1408	Southern redcedar	<i>Juniperus virginiana</i>	23.9	4.00	Excellent	49.00	0.23	0.54
1409	Live oak	<i>Quercus virginiana</i>	34.3	8.50	Excellent	251.16	1.17	2.75
1410	Southern redcedar	<i>Juniperus virginiana</i>	20.8	10.70	Excellent	447.69	2.08	4.89
1411	Southern redcedar	<i>Juniperus virginiana</i>	21.6	9.80	Excellent	264.87	1.23	2.89
1412	Live oak	<i>Quercus virginiana</i>	32.5	9.10	Excellent	225.44	1.05	2.46
1413	Washintonia palm	<i>Washingtonia filifera</i>	26.7	11.00	Excellent	90.88	0.42	0.99
1414	Slash pine	<i>Pinus elliotii</i>	14.5	6.70	Excellent	60.23	0.28	0.66
1415	Slash pine	<i>Pinus elliotii</i>	11.9	6.10	Good	34.81	0.16	0.38
1416	Southern redcedar	<i>Juniperus virginiana</i>	19.8	7.00	Excellent	64.76	0.30	0.71
1417	Southern redcedar	<i>Juniperus virginiana</i>	18.5	8.20	Excellent	124.27	0.58	1.36
1418	Live oak	<i>Quercus virginiana</i>	41.7	6.70	Excellent	102.40	0.48	1.12
1419	Washintonia palm	<i>Washingtonia filifera</i>	30.7	7.60	Excellent	65.62	0.31	0.72
1420	Live oak	<i>Quercus virginiana</i>	38.1	8.50	Excellent	234.20	1.09	2.56
1421	Washintonia palm	<i>Washingtonia filifera</i>	34.5	9.10	Excellent	85.45	0.40	0.93
1422	Washintonia palm	<i>Washingtonia filifera</i>	36.8	9.10	Excellent	74.55	0.35	0.81
1423	Washintonia palm	<i>Washingtonia filifera</i>	37.1	12.50	Excellent	102.57	0.48	1.12
1424	Washintonia palm	<i>Washingtonia filifera</i>	39.1	9.10	Excellent	43.11	0.20	0.47
1425	Washintonia palm	<i>Washingtonia filifera</i>	38.4	12.20	Excellent	56.01	0.26	0.61
1426	Washintonia palm	<i>Washingtonia filifera</i>	33.0	12.20	Excellent	74.55	0.35	0.81
1427	Cabbage palmetto	<i>Sabal palmetto</i>	31.5	11.00	Excellent	110.27	0.51	1.21
1428	Live oak	<i>Quercus virginiana</i>	50.4	10.10	Excellent	295.16	1.37	3.23
1429	Slash pine	<i>Pinus elliotii</i>	16.5	8.50	Excellent	83.83	0.39	0.92
1430	Live oak	<i>Quercus virginiana</i>	42.9	10.70	Excellent	234.64	1.09	2.56

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1431	Cabbage palmetto	<i>Sabal palmetto</i>	31.5	9.10	Excellent	67.49	0.31	0.74
1432	Cabbage palmetto	<i>Sabal palmetto</i>	29.7	12.20	Excellent	102.79	0.48	1.12
1433	Cabbage palmetto	<i>Sabal palmetto</i>	27.9	12.20	Excellent	131.60	0.61	1.44
1434	Live oak	<i>Quercus virginiana</i>	9.9	5.50	Excellent	90.65	0.42	0.99
1435	Cabbage palmetto	<i>Sabal palmetto</i>	35.3	12.50	Excellent	85.02	0.40	0.93
1436	Live oak	<i>Quercus virginiana</i>	20.8	6.70	Excellent	31.76	0.15	0.35
1437	Cabbage palmetto	<i>Sabal palmetto</i>	48.3	13.40	Excellent	123.70	0.58	1.35
1438	Cabbage palmetto	<i>Sabal palmetto</i>	41.1	11.30	Excellent	96.65	0.45	1.06
1439	Cabbage palmetto	<i>Sabal palmetto</i>	33.3	12.80	Excellent	84.23	0.39	0.92
1440	Cabbage palmetto	<i>Sabal palmetto</i>	35.3	12.20	Excellent	56.01	0.26	0.61
1441	Cabbage palmetto	<i>Sabal palmetto</i>	35.1	10.70	Excellent	64.76	0.30	0.71
1442	Cabbage palmetto	<i>Sabal palmetto</i>	39.4	9.10	Excellent	50.27	0.23	0.55
1443	Cabbage palmetto	<i>Sabal palmetto</i>	36.3	10.70	Excellent	65.62	0.31	0.72
1444	Live oak	<i>Quercus virginiana</i>	24.4	8.50	Excellent	323.18	1.50	3.53
1445	Cabbage palmetto	<i>Sabal palmetto</i>	35.8	14.30	Excellent	73.88	0.34	0.81
1446	Southern redcedar	<i>Juniperus virginiana</i>	12.4	4.60	Excellent	64.33	0.30	0.70
1447	Southern redcedar	<i>Juniperus virginiana</i>	13.2	4.60	Excellent	74.22	0.35	0.81
1448	Coconut palm	<i>Cocos nucifera</i>	26.9	6.70	Excellent	120.51	0.56	1.32
1449	Cabbage palmetto	<i>Sabal palmetto</i>	37.6	10.10	Excellent	48.88	0.23	0.53
1450	Cabbage palmetto	<i>Sabal palmetto</i>	41.7	10.10	Excellent	52.70	0.24	0.58
1451	Cabbage palmetto	<i>Sabal palmetto</i>	39.1	9.10	Excellent	39.85	0.19	0.44
1452	Slash pine	<i>Pinus elliotii</i>	21.1	4.90	Good	16.65	0.08	0.18
1453	Slash pine	<i>Pinus elliotii</i>	15.5	9.10	Dying	5.72	0.03	0.06
1454	Coconut palm	<i>Cocos nucifera</i>	25.7	7.60	Excellent	156.01	0.73	1.71
1455	Coconut palm	<i>Cocos nucifera</i>	24.1	6.10	Excellent	111.90	0.52	1.22
1456	Coconut palm	<i>Cocos nucifera</i>	25.9	6.10	Excellent	93.25	0.43	1.02
1457	Slash pine	<i>Pinus elliotii</i>	12.2	5.50	Excellent	55.63	0.26	0.61
1458	Slash pine	<i>Pinus elliotii</i>	45.2	12.20	Excellent	122.99	0.57	1.34
1459	Live oak	<i>Quercus virginiana</i>	30.5	10.70	Excellent	275.35	1.28	3.01
1460	Cabbage palmetto	<i>Sabal palmetto</i>	38.1	10.10	Excellent	65.62	0.31	0.72
1461	Cabbage palmetto	<i>Sabal palmetto</i>	31.0	10.70	Excellent	74.55	0.35	0.81
1462	Cabbage palmetto	<i>Sabal palmetto</i>	37.6	12.20	Excellent	79.86	0.37	0.87
1463	Cabbage palmetto	<i>Sabal palmetto</i>	36.8	12.20	Excellent	90.26	0.42	0.99
1464	Cabbage palmetto	<i>Sabal palmetto</i>	36.6	12.20	Excellent	85.45	0.40	0.93
1465	Cabbage palmetto	<i>Sabal palmetto</i>	35.6	12.20	Excellent	60.26	0.28	0.66
1466	Cabbage palmetto	<i>Sabal palmetto</i>	40.9	12.20	Excellent	56.01	0.26	0.61
1467	Live oak	<i>Quercus virginiana</i>	10.2	6.10	Dying	27.32	0.13	0.30
1468	Coconut palm	<i>Cocos nucifera</i>	21.8	9.80	Excellent	106.28	0.49	1.16
1469	Coconut palm	<i>Cocos nucifera</i>	19.3	9.10	Excellent	95.19	0.44	1.04
1470	Coconut palm	<i>Cocos nucifera</i>	18.3	7.60	Excellent	86.60	0.40	0.95
1471	Coconut palm	<i>Cocos nucifera</i>	17.5	7.60	Excellent	95.26	0.44	1.04
1472	Live oak	<i>Quercus virginiana</i>	41.7	9.10	Excellent	277.73	1.29	3.04

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1473	Slash pine	<i>Pinus elliotii</i>	13.7	6.10	Excellent	67.25	0.31	0.73
1474	Slash pine	<i>Pinus elliotii</i>	17.8	6.10	Good	38.52	0.18	0.42
1475	Slash pine	<i>Pinus elliotii</i>	17.8	6.10	Excellent	41.87	0.19	0.46
1476	Slash pine	<i>Pinus elliotii</i>	12.2	6.10	Excellent	47.17	0.22	0.52
1477	Cabbage palmetto	<i>Sabal palmetto</i>	38.1	9.10	Excellent	60.63	0.28	0.66
1478	Slash pine	<i>Pinus elliotii</i>	12.7	6.70	Excellent	51.63	0.24	0.56
1479	Slash pine	<i>Pinus elliotii</i>	14.0	9.10	Excellent	60.23	0.28	0.66
1480	Slash pine	<i>Pinus elliotii</i>	12.7	9.10	Excellent	77.77	0.36	0.85
1481	Slash pine	<i>Pinus elliotii</i>	15.2	7.60	Excellent	33.03	0.15	0.36
1482	Slash pine	<i>Pinus elliotii</i>	18.8	10.70	Good	135.24	0.63	1.48
1483	Cabbage palmetto	<i>Sabal palmetto</i>	43.2	4.60	Excellent	32.61	0.15	0.36
1484	Live oak	<i>Quercus virginiana</i>	23.4	7.60	Excellent	225.15	1.05	2.46
1485	Live oak	<i>Quercus virginiana</i>	34.3	8.50	Excellent	242.88	1.13	2.65
1486	Cabbage palmetto	<i>Sabal palmetto</i>	27.4	6.10	Excellent	62.80	0.29	0.69
1487	Live oak	<i>Quercus virginiana</i>	20.8	8.20	Excellent	233.78	1.09	2.56
1488	Cabbage palmetto	<i>Sabal palmetto</i>	37.6	4.60	Excellent	44.76	0.21	0.49
1489	Live oak	<i>Quercus virginiana</i>	27.4	8.20	Excellent	192.66	0.90	2.11
1490	Live oak	<i>Quercus virginiana</i>	33.0	8.50	Excellent	139.52	0.65	1.52
1491	Live oak	<i>Quercus virginiana</i>	24.1	9.10	Excellent	260.19	1.21	2.84
1492	Cabbage palmetto	<i>Sabal palmetto</i>	30.2	6.70	Excellent	60.63	0.28	0.66
1493	Cabbage palmetto	<i>Sabal palmetto</i>	32.8	6.70	Excellent	75.00	0.35	0.82
1494	Live oak	<i>Quercus virginiana</i>	18.3	7.90	Excellent	251.61	1.17	2.75
1495	Cabbage palmetto	<i>Sabal palmetto</i>	33.5	7.30	Excellent	69.94	0.33	0.76
1496	Live oak	<i>Quercus virginiana</i>	31.2	9.10	Excellent	306.07	1.42	3.35
1497	Live oak	<i>Quercus virginiana</i>	22.4	11.30	Excellent	339.59	1.58	3.71
1498	Cabbage palmetto	<i>Sabal palmetto</i>	36.1	6.10	Excellent	60.26	0.28	0.66
1499	Live oak	<i>Quercus virginiana</i>	23.9	9.10	Excellent	329.09	1.53	3.60
1500	Cabbage palmetto	<i>Sabal palmetto</i>	41.7	7.30	Excellent	69.94	0.33	0.76
1501	Cabbage palmetto	<i>Sabal palmetto</i>	43.2	7.00	Excellent	65.62	0.31	0.72
1502	Live oak	<i>Quercus virginiana</i>	19.6	11.00	Excellent	269.64	1.25	2.95
1503	Live oak	<i>Quercus virginiana</i>	23.6	10.10	Excellent	367.31	1.71	4.01
1504	Live oak	<i>Quercus virginiana</i>	30.5	12.20	Excellent	400.83	1.86	4.38
1505	Wild tamarind	<i>Lysiloma latisiliquum</i>	26.2	12.80	Excellent	126.00	0.59	1.38
1506	Wild lime	<i>Adelia ricinella</i>	8.2	6.10	Excellent	67.60	0.31	0.74
1507	Wild tamarind	<i>Lysiloma latisiliquum</i>	37.3	12.20	Excellent	140.55	0.65	1.54
1508	Live oak	<i>Quercus virginiana</i>	33.5	12.20	Good	297.89	1.38	3.26
1509	Wild tamarind	<i>Lysiloma latisiliquum</i>	36.6	12.80	Good	98.95	0.46	1.08
1510	Wild lime	<i>Adelia ricinella</i>	25.4	6.10	Poor	40.43	0.19	0.44
1511	Live oak	<i>Quercus virginiana</i>	49.5	12.50	Excellent	351.16	1.63	3.84
1512	Wild lime	<i>Adelia ricinella</i>	25.4	6.10	Excellent	62.99	0.29	0.69
1513	Coconut palm	<i>Cocos nucifera</i>	22.6	9.10	Excellent	184.09	0.86	2.01
1514	Baldcypress	<i>Taxodium distichum</i>	31.0	10.10	Excellent	204.79	0.95	2.24

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1515	Dahoon holly	<i>Ilex cassine</i>	20.3	6.40	Excellent	47.91	0.22	0.52
1516	Dahoon holly	<i>Ilex cassine</i>	20.3	6.40	Excellent	28.16	0.13	0.31
1517	Dahoon holly	<i>Ilex cassine</i>	17.8	6.10	Excellent	28.16	0.13	0.31
1518	Sugarberry	<i>Celtis laevigata</i>	18.5	6.40	Good	26.97	0.13	0.29
1519	Live oak	<i>Quercus virginiana</i>	25.4	6.10	Good	107.96	0.50	1.18
1520	Pond apple	<i>Annona glabra</i>	15.2	4.60	Excellent	16.68	0.08	0.18
1521	Redbay	<i>Persea borbonia</i>	15.2	5.50	Excellent	60.10	0.28	0.66
1522	Dahoon holly	<i>Ilex cassine</i>	5.1	3.00	Excellent	25.36	0.12	0.28
1523	Southern bayberry	<i>Morella cerifera</i>	20.3	4.60	Excellent	13.79	0.06	0.15
1524	Coco plum	<i>Chrysobalanus icaco</i>	20.3	3.00	Good	16.97	0.08	0.19
1525	Coco plum	<i>Chrysobalanus icaco</i>	20.3	6.10	Good	17.59	0.08	0.19
1526	Coco plum	<i>Chrysobalanus icaco</i>	20.3	5.50	Good	13.33	0.06	0.15
1527	Coco plum	<i>Chrysobalanus icaco</i>	25.4	6.10	Critical	7.40	0.03	0.08
1528	Coco plum	<i>Chrysobalanus icaco</i>	27.9	6.10	Good	14.48	0.07	0.16
1529	Coco plum	<i>Chrysobalanus icaco</i>	17.8	4.60	Good	22.25	0.10	0.24
1530	Coco plum	<i>Chrysobalanus icaco</i>	22.9	4.90	Excellent	17.86	0.08	0.20
1531	Live oak	<i>Quercus virginiana</i>	43.2	9.40	Excellent	199.81	0.93	2.18
1532	Coco plum	<i>Chrysobalanus icaco</i>	25.4	6.40	Excellent	27.40	0.13	0.30
1533	Pop Ash	<i>Fraxinus caroliniana</i>	15.2	6.10	Excellent	33.67	0.16	0.37
1534	Live oak	<i>Quercus virginiana</i>	36.1	10.70	Excellent	339.41	1.58	3.71
1535	Florida fishpoison	<i>Piscidia piscipula</i>	25.4	7.60	Excellent	194.40	0.90	2.12
1536	Live oak	<i>Quercus virginiana</i>	36.1	10.70	Excellent	407.08	1.89	4.45
1537	Royal poinciana	<i>Delonix regia</i>	27.9	12.20	Excellent	345.77	1.61	3.78
1538	Royal poinciana	<i>Delonix regia</i>	23.1	12.20	Fair	217.20	1.01	2.37
1539	Royal poinciana	<i>Delonix regia</i>	22.9	12.20	Poor	143.72	0.67	1.57
1540	Royal poinciana	<i>Delonix regia</i>	21.8	12.20	Excellent	348.01	1.62	3.80
1541	Royal poinciana	<i>Delonix regia</i>	26.9	12.20	Excellent	211.99	0.99	2.32
1542	Live oak	<i>Quercus virginiana</i>	36.6	11.30	Excellent	361.43	1.68	3.95
1543	Paradise tree	<i>Simarouba glauca</i>	15.2	10.70	Excellent	159.61	0.74	1.74
1544	Laurel oak	<i>Quercus laurifolia</i>	34.5	12.50	Critical	157.34	0.73	1.72
1545	Slash pine	<i>Pinus elliotii</i>	20.1	9.10	Excellent	123.07	0.57	1.35
1546	Cabbage palmetto	<i>Sabal palmetto</i>	43.9	10.70	Excellent	62.80	0.29	0.69
1547	Cabbage palmetto	<i>Sabal palmetto</i>	41.1	10.70	Good	52.57	0.24	0.57
1548	Slash pine	<i>Pinus elliotii</i>	27.9	13.10	Excellent	429.68	2.00	4.70
1549	Gumbo limbo	<i>Bursera simaruba</i>	20.6	6.10	Excellent	82.08	0.38	0.90
1550	Sea grape	<i>Coccoloba uvifera</i>	25.4	7.00	Excellent	212.40	0.99	2.32
1551	Gumbo limbo	<i>Bursera simaruba</i>	37.3	11.60	Excellent	168.70	0.78	1.84
1552	West indian	<i>Swietenia mahogani</i>	21.8	13.70	Good	132.32	0.62	1.45
1553	Roundleaf blolly	<i>Guapira globosa</i>	30.5	9.10	Excellent	113.60	0.53	1.24
1554	Willow busic	<i>Sideroxylon salicifolium</i>	10.9	7.60	Good	97.35	0.45	1.06
1555	Redbay	<i>Persea borbonia</i>	17.3	10.10	Good	46.95	0.22	0.51
1556	Spanish stopper	<i>Eugenia foetida</i>	9.4	7.60	Excellent	67.66	0.31	0.74

APPENDIX III: Avoided Runoff Values By Individual Tree

Tree ID	Cabbage palmetto	Species Name (scientific)	DBH (cm)	Height (m)	Condition	Leaf Area (m ²)	Avoided (m ³ /yr)	Avoided (\$)
1557	Buttonwood	<i>Conocarpus erectus</i>	9.7	5.50	Excellent	73.14	0.34	0.80
1558	Geigertree	<i>Cordia sebestena</i>	7.9	4.60	Excellent	18.38	0.09	0.20
TOTALS						301,126	1,399.80	3,291