



OPEN MEETING

**REGULAR MEETING OF THE UNITED LAGUNA WOODS MUTUAL
LANDSCAPE COMMITTEE**

**Thursday, April 11, 2019 – 9:00 a.m.
Laguna Woods Village Community Center Board Room
24351 El Toro Road**

AGENDA

1. Call to Order
2. Acknowledgment of Media
3. Approval of the Agenda
4. Approval of Meeting Report for February 14, 2019
5. Chair's Remarks
6. Member Comments (Items Not on the Agenda)
7. Response to Member Comments
8. Department Head Update

Consent:

None

Reports:

9. Project Log
10. Herbicide Testing Final Report

Items for Discussion and Consideration:

Tree Removal Requests

11. (85-B) Request for the Removal of a Carrotwood Tree
12. (539-A) Request for the Removal of a Canary Island Pine Tree

13. Discuss and Review the Tree Schedule

Items for Future Agendas:

14. Herbicide Usage Update (in six months)

Concluding Business:

15. Committee Member Comments
16. Date of Next Meeting – June 13, 2019
17. Adjournment

Maggie Blackwell, Chair
Kurt Wiemann, Staff Officer
Eve Morton, Landscape Operations Coordinator 268-2565



OPEN MEETING

**REGULAR MEETING OF THE UNITED LAGUNA WOODS MUTUAL
LANDSCAPE COMMITTEE**

**Thursday, February 14, 2019 – 9:00 a.m.
Laguna Woods Village Community Center Board Room
24351 El Toro Road**

REPORT

COMMITTEE MEMBERS PRESENT: Chair - Maggie Blackwell, Manuel Armendariz

COMMITTEE MEMBERS ABSENT: Anthony Liberatore

OTHERS PRESENT: Juanita Skillman

ADVISORS PRESENT: Catherine Brians

STAFF PRESENT: Kurt Wiemann, Eve Morton, Lulu Boctor

1. Call to Order

Chair Blackwell called the meeting to order at 9:00 a.m.

2. Acknowledgement of Media

No media were present.

3. Approval of the Agenda

President Skillman made a motion to accept the agenda. Director Armendariz seconded. The motion passed with a unanimous vote.

4. Approval of December 13, 2018, Report

President Skillman moved to approve the Report with some updates requested by Director Amendariz. Chair Blackwell seconded. The motion passed with a unanimous vote.

5. Committee Chair Remarks

Chair Blackwell reported that for future meetings, Staff will be sending the committee members the agenda packets one week before the committee meeting to allow time for the committee members to visit any tree locations on the agenda prior to the committee meeting.

6. Member Comments - (Items Not on the Agenda)

Kathy Schill (2189-A): Requested replacement of damaged palm tree and bench in CDS 207.

Lorraine Donahue (578-Q): Requested tree trimming of two Ash trees in CDS 60.

Andre Torng (389-Q): Asked about yearly trimming of Creek vegetation, the safety of older workers on tree crews, plans for El Nino, and rain effects on Herbicide testing.

Response to Member Comments

Mr. Wiemann's responses:

- He will look into Ms. Schill's question about the palm tree and get back to her. Also, replacement of the bench in an M&C issue.
- He informed Ms. Donahue that Staff is in her neighborhood and will look at the two Ash trees.
- He informed Mr. Torng:
 - Creek trimming restrictions and schedule are controlled by state agencies.
 - Safety is always a top priority for Staff.
 - Landscape and Security are continuing work on response plans for emergency events.
 - Rain is delaying the herbicide testing, but it will begin on Monday if all goes well.

7. Department Head Update

a) Herbicide Testing Update (Verbal)

Mr. Wiemann stated that seven products will be tested. Three days of no rain is needed to have an effective test. The plan is to start on Monday. Round Up will be used as a control. Staff will be using new spray equipment for the testing and a consultant will be overseeing the testing. We are also looking at pre-emergence products.

Consent:

All matters listed under the Consent Calendar are considered routine and will be enacted by the Committee by one motion. In the event that an item is removed from the Consent Calendar by members of the Committee, such item(s) shall be the subject of further discussion and action by the Committee.

None.

Reports:

8. Project Log

Mr. Wiemann reported on the Project Log.

- Landscape Revitalization Project will continue as scheduled.
- Tree Maintenance Program is currently being reviewed and the committee will be updated in future meetings.

Items for Discussion and Consideration:

9. 2018 Landscape Renovation Project Update

Mr. Wiemann reported that he and his staff are re-evaluating landscape procedures and methods. The herbicide testing may influence the future plans depending on the results.

10. Tree Removal Requests

a) 612-C Avenida Seville (Henderson)

Director Skillman made a motion to follow Staff's recommendation to approve the request for removal and plant a replacement tree at Mr. Henderson's expense. Director Armendariz seconded. The committee was in unanimous support.

b) 598-D Avenida Majorca (Yan)

Chair Skillman made a motion to follow Staff's recommendation to deny the request to remove the tree and put it into the trim cycle. Chair Blackwell seconded. Director Armendariz voted no. The motion passed.

c) 599-E Avenida Majorca (Myhra)

Ms. Myhra was present.

President Skillman made a motion to follow Staff's recommendation to remove one of the Canary Island Pine trees. Chair Blackwell seconded. The committee was in unanimous support.

Items for Future Agendas:

11. 2019 Landscape Renovation Project

This topic was covered during the Project Log agenda item.

Concluding Business

12. Committee Member Comments

The committee requested that the Herbicide Testing Update be a regular agenda item.

Director Armendariz stated that this was the most efficient meeting the committee has done and some good topics were covered.

Director Armendariz requested a breakdown of 2019 tree trimming for a future committee meeting to compare budget vs. actual.

Director Armendariz noted the budget items for landscape and commented there may be sizable additional expenses for lawn maintenance and Round Up alternatives which will give United a hard time staying within budget.

President Skillman commended Staff for implementing the rain event procedures. She is seeing Staff working hard during evenings and weekends to comply. She compliments them and appreciates their work.

Chair Blackwell said she noticed Staff was doing prep for the rain and she commended them for that.

The Committee requested an update on species trimming for a future meeting.

13. Date of Next Meeting – April 11, 2019

14. Adjournment at 9:57 a.m.



Maggie Blackwell, Chair
Kurt Wiemann, Staff Officer
Eve Morton – 268-2565

United Mutual Landscape Project Log					
April 2019					
Project	Description	Status	Estimated Completion/ On-going Date	Completion	Budget vs Actual
2019 Projected Projects					
Landscape Revitalization Project	Elimination of highest water-using turf areas; replacing with water efficient landscapes. Continue separating mixed stations.	Recommend completing the CDS 14/15 Irrigation Retro-Fit Project and continue with the serpentine walk to CDS 37 and/or 39 with remaining funds.	2019	3%	Budget: \$350,000 Year-to-date (February): \$25,287 Balance: \$324,713
Tree Maintenance	This annual program includes the scheduled trimming of all Mutual trees; unscheduled pruning and service requests; dead tree removal and replacement.	As of March 31, 2019, <u>1,151</u> scheduled trees were trimmed, <u>173</u> trees removed, <u>3</u> new trees planted and <u>2</u> un-scheduled service requests completed.	December 2019 Annual	25%	Budget: \$1,232,529 Year-to-date Estimated (March): \$320,278 Balance: \$912,251



STAFF REPORT

DATE: April 11, 2019
FOR: Landscape Committee
SUBJECT: Alternative Herbicide Trial Report

RECOMMENDATION

Direct Staff to discontinue the use of herbicides containing the chemical glyphosate and approve an unbudgeted expense of \$15,000 for alternative herbicide products.

BACKGROUND

At the January 8, 2019, Regular Open Board meeting, Staff was directed to investigate a viable alternative to Roundup and other herbicides that contain glyphosate.

DISCUSSION

In response to concerns from the community regarding the safety of the herbicide Round Up® and its main ingredient glyphosate, Staff was directed to investigate the potential use of viable alternative products.

Most of the natural, organic, and alternative products have the potential to increase the cost of weed control dramatically. There are several key variables; cost per gallon, the effective quantity, the application rate, and the number of applications. These variables have the potential to increase the costs of any weed control program.

With all of the conflicting available information, Staff decided to test the efficacy of six of the leading alternative herbicides. As the efficacy of Roundup® is well known, it was used as the control. To reduce the number of variables, Staff standardized the trials (Attachment 1).

Each product has different costs per gallon, different claims to safety, different levels of efficacy, and different application price levels. By creating a trial program, each of these important factors was addressed. The data produced from the trials will allow the Board to make an educated decision on an alternative product to glyphosate (Attachment 2).

Finale® outperformed the entire group of alternative products and was the only product that killed the Kikuyu grass completely. The trial showed that Finale® at four ounces per gallon rate, along with one half ounce of Oroboost® additive, is a viable alternative to glyphosate products. If the Board desires to eliminate Roundup® and other glyphosate products from the herbicide program in Laguna Woods Village, the recommendation is Finale® with Oroboost®.

FINANCIAL ANALYSIS

Based upon the historic usage of Roundup[®], the estimated additional annual cost for the use of the Finale[®] blend will be approximately \$15,000. Please see the attached detailed report for additional financial information.

Prepared By: Kurt Wieman, Senior Field Services Manager

Reviewed By: Eve Morton, Landscape Operations Coordinator

ATTACHMENT(S)

ATTACHMENT 1: Alternative Herbicide Final Report with Financials

Alternative Herbicide Trials

Laguna Woods Village



APRIL 8, 2019



Village Management Services, Inc.



Alternative Herbicide Trials

Laguna Woods Village

Introduction

In response to concerns from the community regarding the safety of the herbicide Roundup® and its main ingredient glyphosate, the Landscape Committees from the Golden Rain Foundation, United Laguna Woods Mutual, and Third Laguna Hills Mutual directed staff to investigate the potential use of alternative products.

In recent years there has been an interest in the landscape and agricultural industries with alternative herbicides to control weeds. In response, many herbicide manufacturers have entered the market with synthetic, organic, natural, and other safe alternative products. Throughout the green industry there are different views on which herbicide to use, which is the most effective, and which is the safest. In the green industry, weeds are referred to as pests; the terms “herbicide” and “pesticide” in this context are synonyms and are used interchangeably. Results of these herbicides have varied based on the volume of product that was applied, the type of weeds treated, the type of weather or season in which it was applied, the application equipment, the sponsor of the test, and human error.

Most of the natural, organic, and alternative products have the potential to increase the cost of weed control dramatically. There are several variables; cost per gallon, the effective quantity, the application rate, and the number of applications. These variables have the potential to increase the costs of any weed control program.

With all of the conflicting available information, Staff decided to test the efficacy of six of the leading alternative herbicides. As the efficacy of Roundup® is well known; it was used as the control. To reduce the number of variables, Staff standardized the trials. To oversee and verify the methodology and metric, Staff employed the services of MTC Landscape Services, an expert in agronomics and landscape methodology. The principal, M. Tom Carrasco, is a licensed Pest Control Adviser (PCA). PCAs are licensed by the State of California as professional consultants who serve the California agriculture, landscape, and horticulture industry.

The safety aspect of alternatives to glyphosate is also a factor to be considered. Many of the organic alternatives do include EPA registration numbers and strong signal words such as DANGER and WARNING. The level of safety, according to the EPA, from least to most toxic is as follows: CAUTION, WARNING, DANGER, and POISON. These strong signal words on some of the alternative herbicides indicate that these products may be a concern for the employee applying the product, but they are also a possible concern for the public and the environment.

Trial Location and Plan

The location of the trial was adjacent to 3486 Bahia Blanca West. The location is northwest facing with six to ten hours of partial sun during February and March. The total square footage of the trial area is 5,852 square feet. Each product was applied in a dedicated, marked location of 200 square feet each.



Most herbicides, including glyphosate, either contain or require an added adjuvant to improve their efficacy. The adjuvants help with the spreading, adhesion, and penetration of the main product. For these tests, Oroboost® was used; it is certified organic and possesses superior penetration properties. A recent University of Illinois study concluded that Oroboost®-treated applications are absorbed into the leaf more quickly, and move a greater percentage of the systemic herbicide to the roots faster than herbicide alone. This product also treats the issue of water quality that greatly affects the efficacy of any herbicide.

Protocol Summary

With today's environmental and human safety awareness levels, the Landscape Management Team at Laguna Woods Village took a proactive approach to testing alternatives to the herbicide glyphosate. There have been many products entering the market claiming to be an alternative to glyphosate. Each product has different costs per application, different claims to safety, different levels of efficacy, and different price levels. By creating a trial program, we address each of these important factors. The data will allow the Board Members and Management to make an educated decision on an alternative product to glyphosate and consider alternative methods to their standard application protocol.

Testing Protocol

1. Identical, individual, new, 1- gallon spray tanks were used to apply each product.
2. All applications were performed by a licensed Qualified Applicator (QAL)
3. Products were all sprayed by the same applicator to reduce inconsistencies.
4. Each product was sprayed at the highest labeled rate.
5. Each alternative herbicide was mixed with one half ounce per gallon, of Oroboost®.
6. All plots were 200 square feet for each product
7. The chosen location turf was 85% Kikuyu and 15% mixed turf. Each plot was representative of this.
8. Irrigation was turned off for 24 hours to arrive at maximum effectiveness of the herbicides
9. A 1/2 gallon of final solution of each alternative herbicide was sprayed on its 200 square foot plot. This is equivalent to 2.5 gallons per 1000 sq. feet which is considered standard in the industry as “sprayed to wet.” This is also the setting that most spray tanks are calibrated to at the factory.
10. Pictures of each plot were taken prior to each application
11. As directed by the individual labels, a second application was applied two weeks after the initial application. These products included: Scythe®, Axxe, Weed Pharm, Finale® and Weed Zap.

PRODUCTS

The seven products tested:

1. **ROUNDUP® (Control)**
2. **WEED ZAP®**
3. **WEED ROT®**
4. **SCYTHE®**
5. **FINALE®**
6. **AXXE®**
7. **WEED PHARM®**

Discussion

Kikuyu grass is the number one weed that the crews in Laguna Woods Village have to manage every day, especially along planter edges and tree wells. A native grass of South Africa, Kikuyu was brought to the United States and Southern California in 1913. This grass was to be used for slope stabilization along the new roads and highways being built in the rapidly growing Southern California counties. Soon it made its way into home lawns, golf courses, parks, and later homeowner association turf grass areas. It grows from a thick network of rhizomatous roots and sends out stolons, which extend along the ground. Because of its rapid growth and aggressive nature, it is categorized as a noxious weed in some regions.

The majority of the herbicide use in the Village is dedicated to the maintenance of tree wells and shrub beds. Therefore, the location of the trial site, with a heavy kikuyu grass stand, was ideal for the alternative herbicide test. Kikuyu is a very tough grass to eradicate, with a thick cuticle (upper leaf layer) with underground stems and shoots which proved impervious for the organic, certified organic or natural products.

The following products provided an initial burndown which gave the appearance of success; in the following weeks the regrowth of the Kikuyu was evident. These products included Scythe®, WeedPharm®, Axxe®, WeedRot®, and Weed Zap®.

Finale® herbicide and the control product, Roundup®, outperformed all of the other tested products by far. Both of these products killed the Kikuyu grass to the roots. The original tests, performed by Staff last summer, used Finale® but did not include Oroboost®.

After the initial two applications were performed, core samples from the best visually performing plots were taken to the lab where they were tested and given an ideal growing environment to encourage regrowth. These core samples were taken from the Roundup®, Finale®, Scythe® and WeedPharm® test areas. The core samples for Roundup® and Finale® indicated no regrowth while the Scythe® and WeedPharm® core samples showed regrowth (Appendix A).

Summary

Finale® outperformed the entire group of alternative products and was the only product that killed the Kikuyu grass completely. The trial showed that Finale® at four ounces per gallon, along with one half ounce of Oroboost® additive, is a viable alternative to glyphosate products. If the Boards desire to eliminate Roundup® and other glyphosate products from the herbicide program in Laguna Woods Village, the recommendation is Finale® with Oroboost®.

Staff also recommends using a turf grass plant growth regulator. Plant growth regulators (PGR) stop the turf edges from growing for an extended period of time, reducing the need to apply herbicides. This will greatly reduce future turf runner growth and reduce the number of times Staff would need to spray herbicides to edge the turf. The edging of the Kikuyu turf at Laguna Woods Village makes up the majority of the herbicide applications and costs could be greatly reduced by using these technologies. There is a potential for labor savings and a reduction in the use of herbicides with these products. Staff will test PGRs and perform a cost analysis for review. Staff will also continue testing new non-glyphosate products as they become available and will provide pertinent updates to the Landscape Committees.

Kurt Wiemann
Senior Field Services Manager
Village Management Services, Inc.

M. Tom Carrasco
MTC Landscape Services
PCA, QAL

Appendix A: Test Photos

Appendix B: Financial Analysis

*This report should not be considered a written recommendation or a legal document pertaining to the safety of these products. MTC Landscape Services and its staff members produce unbiased fact- based data on the trial and herbicide effectiveness. MTC Landscape Services assumes no liability and is indemnified for the trial work, short term or long term effects to or damage to the environment, common area, the staff members, or residents at Laguna Woods Village.

Test Photos

ROUNDUP®

Application Rate: 1 ounce per gallon

Signal Word- Caution

Type of Herbicide- Synthetic

Active Ingredient- Glyphosate



Week 1



Week 2



Week 3



Week 4

Roundup®



No regrowth can be seen in the Lab core test

Test Photos

WEED ZAP®

Signal Word- N/A

Type of Herbicide- "Certified Organic" OMRI, Prop 25 b exempt, Topical

Active Ingredient- Cinnamon Oil, Clove Oil



Week 1



Week 2



Week 3



Week 4

Test Photos

WEED ROT®

Signal Word- N/A

Type of Herbicide- Natural, Prop 25 b exempt, Systemic

Active Ingredient- Organic Citric acid, Coconut Oil (SLS)



Week 1



Week 2



Week 3



Week 4

Test Photos

SCYTHER[®]

Signal Word- Warning

Type of Herbicide- Natural/Synthetic- contains Petroleum, Topical

Active Ingredient- Pelargonic Acid, Fatty Acids



Week 1

Week 2



Week 3

Week 4

Scythe®



Regrowth can be seen in the Lab core test

Test Photos

FINALE®

Signal Word- Warning

Type of Herbicide- Synthetic, Locally Systemic

Active Ingredient- Glufosinate- ammonium



Week 1



Week 2



Test Photos

Week 3

Week 4

Finale®



No regrowth can be seen in the Lab core test

Test Photos

AXXE

Signal Word- Warning

Type of Herbicide- "Certified Organic", Topical

Active Ingredient- Ammonium-Nonanoate



Week 1

Week 2



Week 3

Week 4

Test Photos

WEED PHARM

Signal Word- Danger

Type of Herbicide- “Certified Organic” Washington State, Topical

Active Ingredient- Acetic Acid



Week 1



Week 2



Week 3



Week 4

WeedPharm®



Regrowth can be seen in the Lab core test

Brand Name	Raw Cost per Gallon	Raw Cost Difference	Price per Ounce	Rate oz/per Gallon of Finished Mix	Cost of Herbicide per Finished Gallon	Cost of Oroboost Portion	Cost of Finished Gallon of Mix Ready to Use	Percentage Higher than Roundup
Roundup	\$36.50	0%	\$0.29	1	\$0.29	-	\$0.29	-
Scythe	\$59.30	62%	\$0.46	12	\$5.56	\$0.28	\$5.84	1948%
Axxe	\$75.64	107%	\$0.59	16	\$9.46	\$0.28	\$9.74	3314%
Weedpharm	\$29.95	-18%	\$0.23	undiluted	\$29.95	\$0.28	\$30.23	10501%
Weedzap	\$72.25	98%	\$0.56	6.4	\$3.61	\$0.28	\$3.89	1265%
Finale	\$53.78	47%	\$0.42	4	\$1.68	\$0.28	\$1.96	588%
Weedrot	\$52.50	44%	\$0.41	24	\$9.84	\$0.28	\$10.12	27%
Oroboost	\$71.25	n/a	\$0.56	0.5				

All Mutuals			
Historical Roundup Usage	2016	2017	Average
Gallons	198.4	200.0	199.2
Annual Cost (All Mutuals)	\$7,242	\$7,299	\$7,270

Breakdown by Mutual			
	2016	2017	Average
United	\$2,650	\$2,671	\$2,661
Third	\$4,077	\$4,109	\$4,093
GRF	\$514	\$518	\$516
	\$7,242	\$7,299	\$7,270

Gallons			
United	73	73	73
Third	112	113	112
GRF	14	14	14
Total	198.4	200.0	199.2

United Mutual				Third Mutual				Golden Rain Foundation			
Annual Alternative Herbicide Estimate				Annual Alternative Herbicide Estimate				Annual Alternative Herbicide Estimate			
Product	PPG	# Gallons	Total	Product	PPG	# Gallons	Total	Product	PPG	# Gallons	Total
Average Annual Usage				Average Annual Usage				Average Annual Usage			
Round Up	\$36.50	73	\$2,661	Round Up	\$36.50	112	\$4,093	Round Up	\$36.50	14	\$516
Estimated Annual Usage				Estimated Annual Usage				Estimated Annual Usage			
Finale	\$53.78	292	\$15,683	Finale	\$53.78	449	\$24,124	Finale	\$53.78	57	\$3,042
Oroboost	\$71.25	25	\$1,781	Oroboost	\$71.25	56	\$3,995	Oroboost	\$71.25	7	\$504
Total Cost of Finale/Oroboost:			\$17,464	Total Cost of Finale/Oroboost:			\$28,119	Total Cost of Finale/Oroboost:			\$3,546
Increase to Current Budget:			\$14,803	Increase to Current Budget:			\$24,026	Increase to Current Budget:			\$3,030



STAFF REPORT

DATE: April 11, 2019
FOR: Landscape Committee
SUBJECT: Request for Tree Removal: 85-B (Gregory) – Carrotwood Tree

RECOMMENDATION

Approve the request for the removal of a Carrotwood tree located at 85-B and planting of a replacement tree at a suitable location.

BACKGROUND

Mr. Gregory purchased the unit in March 2017, and is requesting the removal of a Carrotwood tree, *Cupaniopsis, anacardioides* located at the front of the unit in the lawn area (Attachment 1). The reasons cited by him for the removal are the tree swarms with bees in the warm weather and he has an allergy to bee stings. No additional residents have signed the Landscape Request Form (Attachment 2).

The tree was last trimmed in January 2017, and is scheduled for review this fiscal year. The tree would be eligible for trimming in 2019 based on the proposed species specific trim cycles. The tree is approximately 25 feet in height with a trunk diameter of approximately 14 inches and is growing approximately 5 to 6 feet from the walkway and approximately 8 to 10 feet from the unit.

DISCUSSION

At the time of inspection, although the tree was found to be in fair condition, it shows visible signs of decay and damage in the trunk, as well as in the surface roots. Currently, there are cracks in the sidewalk; however, it is Staff's opinion that these cracks were not caused by the tree.

Based on the growth patterns of the species, Carrotwood trees should be on a two-year cycle for trimming. At current costs, the estimated ten-year maintenance cost for this tree is \$1,500. With condition of the tree and the potential long term maintenance costs, Staff recommends removal of tree and replanting with a lower maintenance tree in an appropriate location.

FINANCIAL ANALYSIS

Based on tree inventory data, the estimated value is \$2,582. The estimated cost to trim is \$300. The cost to remove the tree is estimated at \$500.

Prepared By: Bob Merget, Tree Supervisor

Reviewed By: Kurt Wiemann, Senior Field Services Manager

United Laguna Woods Mutual
Request for Tree Removal: 85-B (Gregory) – Carrotwood Tree
April 11, 2019

ATTACHMENT(S)

Attachment 1: Photographs

Attachment 2: Mutual Landscape Request Form, Letter

ATTACHMENT 1





RECEIVED
2-6-19

ATTACHMENT 2



MUTUAL LANDSCAPE REQUEST FORM

PLEASE NOTE: THIS FORM IS NOT INTENDED FOR ROUTINE MAINTENANCE REQUESTS

For all non-routine requests, please fill out this form. Per the policy of your Mutual, if your request falls outside the scope of the managing agent's authority, it will be forwarded to the Mutual's Landscape Committee for review. If you are unsure whether your request falls into this category, first contact Resident Services at 597-4600 in order to make that determination.

PLEASE RETURN COMPLETED REQUEST FORM TO RESIDENT SERVICES.

Resident/Owner Information

You must be an owner to request non-routine Landscape requests.

85 Calle Aragon Unit B
Address

2/5/19
Today's Date

Allen GREGORY
Resident's Name

(909) 261-9707
Telephone Number

Non-Routine Request

Please checkmark the item that best describes your request. If none apply, please checkmark "Other" and explain.

☒ Tree Removal

☐ New Landscape

☐ Off-Schedule Trimming

☐ Other (explain): _____

Reason for Request

Please checkmark the item(s) that best explain the reason for your request.

☐ Structural Damage ☐ Sewer Damage ☐ Overgrown ☐ Poor Condition

☐ Litter/Debris ☒ Personal Preference ☐ View Obstruction

☒ Other (explain): Allergy to bee stings - tree swarming with bees
in warm weather - tree in front of manor

GUIDELINES:

- Structural/Sewer Damage: Damage to buildings, sidewalks, sewer pipes, or other facilities may justify removal if corrective measures are not practical.
- Overgrown/Crowded: Trees or plants that have outgrown the available space may justify removal.
- Damaged/Declining Health: Trees or plants that are declining in health will be evaluated for corrective action before removal/replacement is considered.
- View Blockage: By nature, view blockage must be reviewed case by case to determine the appropriate course of action.
- Litter and Debris: Because all trees shed litter seasonally, generally this is not an adequate reason to justify removal. However, if granted, removal/replacement may be at the resident's expense.
- Personal Preference: Because one does not like the appearance or other characteristics of the tree or plant generally does not justify its removal. However, if granted, removal/replacement is usually at the resident's expense.

Description & Location of Request

Please briefly describe the situation and the exact location of the subject of the request (e.g., "roots of pine tree in front of manor XYZ are lifting the sidewalk"). Attach pictures as necessary.

Carrot wood tree in Front of manor is swarming
with bees in warm weather - I am allergic to bee
stings and was not aware of tree's danger prior to purchase.

Signatures of All Neighbors Affected By This Request

Because your request may affect one or more of your neighbors, it is imperative that you obtain their signatures, manor numbers, and whether they are for, undecided, or against this request.

Signature	Manor #	For	Undecided	Against

(Please attach a separate sheet if more signatures are necessary.)

Acknowledgement - Owner

By signing, you are acknowledging this request.

Allen Gregory
Owner's Signature

Allen GREGORY
Owner's Name

OFFICE USE ONLY

MOVE-IN DATE: _____

DATE: _____ INITIALS: _____

530 _____ 540 _____

570 _____ LAST PRUNED: _____

RELANDSCAPED: _____

NEXT TIME: _____

TREE SPECIES: _____

COMMENTS: _____

TREE VALUE: _____ TREE REMOVAL COST: _____



STAFF REPORT

DATE: April 11, 2019
FOR: Landscape Committee
SUBJECT: Request for Tree Removal: 539-A Via Estrada (Redner) – Canary Island Pine tree

RECOMMENDATION

Approve the request for the removal of a Canary Island Pine tree located at 539-A.

BACKGROUND

Ms. Redner purchased the unit in April 2015, and is requesting the removal of a Canary Island Pine tree, *Pinus, canariensis*, located at the front of the unit in the shrub bed area (Attachment 1). The reasons cited by her for the removal are: litter/debris, overgrown, and the proximity to the unit. No additional residents have signed the Landscape Request Form (Attachment 2).

The tree was last trimmed in October 2018, and is scheduled for trimming in 2023. The tree is approximately 50 feet in height with a trunk diameter of approximately 31 inches and is growing approximately 8-10 feet from the walkway and unit.

DISCUSSION

At the time of inspection, the tree was found to be in fair condition with no visible signs of decay or disease, minimal surface roots, and a well-balanced canopy. Based on the United Mutual Tree Management Policy, which addresses the selective removal of Pine trees that were planted in stands, this tree is a candidate for removal. There are a total of five Canary Island Pine trees in this area.

FINANCIAL ANALYSIS

Based on tree inventory data, the estimated value is \$6,807. The estimated cost to trim is \$300. The cost to remove the tree is estimated at \$2,600.

Prepared By: Bob Merget, Tree Supervisor

Reviewed By: Kurt Wiemann, Senior Field Services Manager

ATTACHMENT(S)

Attachment 1: Photographs

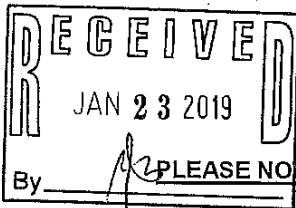
Attachment 2: Mutual Landscape Request Form, Letter

ATTACHMENT 1



United Laguna Woods Mutual
Request for Tree Removal: 539-A Via Estrada (Redner) – Canary Island Pine
April 11, 2019





ATTACHMENT 2



MUTUAL LANDSCAPE REQUEST FORM

PLEASE NOTE: THIS FORM IS NOT INTENDED FOR ROUTINE MAINTENANCE REQUESTS

For all non-routine requests, please fill out this form. Per the policy of your Mutual, if your request falls outside the scope of the managing agent's authority, it will be forwarded to the Mutual's Landscape Committee for review. If you are unsure whether your request falls into this category, first contact Resident Services at 597-4600 in order to make that determination.

PLEASE RETURN COMPLETED REQUEST FORM TO RESIDENT SERVICES.

Resident/Owner Information

You must be an owner to request non-routine Landscape requests.

539 A Via ESTRADA 1/23/18
Address Today's Date
Judith Redner 949 472 0530
Resident's Name Telephone Number

Non-Routine Request

Please checkmark the item that best describes your request. If none apply, please checkmark "Other" and explain.

- ☒ Tree Removal ☐ New Landscape ☐ Off-Schedule Trimming
☐ Other (explain):

Reason for Request

Please checkmark the item(s) that best explain the reason for your request.

- ☐ Structural Damage ☐ Sewer Damage ☒ Overgrown ☐ Poor Condition
☒ Litter/Debris ☐ Personal Preference ☐ View Obstruction
☐ Other (explain): two close to house

GUIDELINES:

- Structural/Sewer Damage: Damage to buildings, sidewalks, sewer pipes, or other facilities may justify removal if corrective measures are not practical.
- Overgrown/Crowded: Trees or plants that have outgrown the available space may justify removal.
- Damaged/Declining Health: Trees or plants that are declining in health will be evaluated for corrective action before removal/replacement is considered.
- View Blockage: By nature, view blockage must be reviewed case by case to determine the appropriate course of action.
- Litter and Debris: Because all trees shed litter seasonally, generally this is not an adequate reason to justify removal. However, if granted, removal/replacement may be at the resident's expense.
- Personal Preference: Because one does not like the appearance or other characteristics of the tree or plant generally does not justify its removal. However, if granted, removal/replacement is usually at the resident's expense.

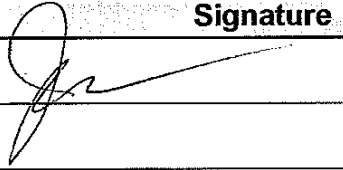
Description & Location of Request

Please briefly describe the situation and the exact location of the subject of the request (e.g., "roots of pine tree in front of manor XYZ are lifting the sidewalk"). Attach pictures as necessary.

Canary Island Pine
too close to house & high

Signatures of All Neighbors Affected By This Request

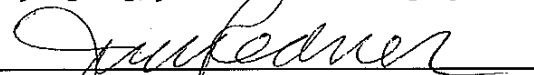
Because your request may affect one or more of your neighbors, it is imperative that you obtain their signatures, manor numbers, and whether they are for, undecided, or against this request.

Signature	Manor #	For	Undecided	Against
	539A			

(Please attach a separate sheet if more signatures are necessary.)

Acknowledgement - Owner

By signing, you are acknowledging this request.


Owner's Signature

Owner's Name

OFFICE USE ONLY

MOVE-IN DATE: _____

DATE: _____ INITIALS: _____

530 _____ 540 _____

570 _____ LAST PRUNED: _____

RELANDSCAPED: _____

NEXT TIME: _____

TREE SPECIES: _____

COMMENTS: _____

TREE VALUE: _____ TREE REMOVAL COST: _____

Landscape Division

United Mutual Trees by Trim Cycle by Species

2019 Last Trim	2018 Last Trim	2017 Last Trim	To be Trimmed	Planned Trim (Fiscal Year)	Botanical Name	Common Name	Quantity	Annual Trim Cycle	2019 Estimated Next Trim	2020 Estimated Next Trim	2021 Estimated Next Trim	2022 Estimated Next Trim	2023 Estimated Next Trim
6	34	9	168	2019	Archontophoenix cunninghamiana	King Palm	217	1	211	217	217	217	217
10	33	9	411	2019	Syagrus romanzoffianum	Queen Palm	464	1	454	464	464	464	464
16	67	18	579			Total Palm Trees:	681		665	681	681	681	681
3	5	0	58	2019	Rhus lancea	African Sumac	66	2	58	5	61	5	61
2	17	0	83	2019	Geliera parviflora	Australian Willow	102	2	83	17	85	17	85
0	0	0	21	2019	Eucalyptus globulus	Blue Gum	21	2	21	0	21	0	21
26	57	4	376	2019	Schinus terebinthifolius	Brazilian Pepper	463	2	380	57	406	57	406
0	0	0	9	2019	Eucalyptus lemnaniil	Busy Yae	9	2	9	0	9	0	9
1	0	4	144	2019	Platanus racemosa	California Sycamore	149	2	148	0	149	0	149
48	1	1	29	2019	Phoenix canariensis	Canary Island Date Palm	31	2	30	1	30	1	30
275	16	16	275	2019	Cupaniopsis anacardioides	Carrotwood	571	2	291	232	339	232	339
0	2	5	82	2019	Koeleruteria bipinnata	Chinese Flame Tree	89	2	87	2	87	2	87
0	0	0	12	2019	Chionanthus reusus	Chinese Fringe Tree	12	2	12	0	12	0	12
0	0	0	17	2019	Pistacia chinensis	Chinese Pistache	17	2	17	0	17	0	17
1	0	0	7	2019	Phoenix rupicola	Cliff Date Palm	8	2	7	0	8	0	8
0	0	0	16	2019	Eucalyptus globulus 'Compacta'	Compact Bluegum	16	2	16	0	16	0	16
0	0	0	3	2019	Eucalyptus torquata	Coral Gum	3	2	3	0	3	0	3
0	0	0	3	2019	Phoenix dactylifera	Date Palm	3	2	3	0	3	0	3
4	2	0	24	2019	Eucalyptus rudis	Desert Gum	30	2	24	2	28	2	28
0	0	0	3	2019	Eucalyptus species	Eucalyptus Species	3	2	3	0	3	0	3
0	0	0	1	2019	Ficus species	Ficus Species	1	2	1	0	1	0	1
3	3	1	33	2019	Cassia leptophylla	Gold Medallion Tree	40	2	34	3	37	3	37
0	0	0	2	2019	Ficus microcarpa 'Green Gem'	Green Gem Indian Laurel Fig	2	2	2	0	2	0	2
0	17	0	0	2019	Brahea edulis	Guadalupe Palm	17	2	0	17	0	17	0
0	0	0	1	2019	Bauhinia x blakeana	Hong Kong Orchid Tree	1	2	1	0	1	0	1
1	13	0	33	2019	Ficus microcarpa 'Nitida'	Indian Laurel Fig	47	2	33	13	34	13	34
12	28	7	151	2019	Jacaranda mimosifolia	Jacaranda	198	2	158	28	170	28	170
0	1	0	10	2019	Haemaphysillum caffrum	Kafir Plum	11	2	10	1	10	1	10
1	0	0	62	2019	Corymbia citrodora	Lemon-Scented Gum	63	2	62	0	63	0	63
2	1	0	30	2019	Chamaerops humilis	Mediterranean Fan Palm	33	2	30	1	32	1	32
0	0	0	32	2019	Washingtonia robusta	Mexican Fan Palm	32	2	32	0	32	0	32
1	4	0	27	2019	Agonis flexuosa	Peppermint Tree	32	2	27	4	28	4	28
1	0	0	0	2019	Eucalyptus camaldulensis	Red Gum	1	2	0	0	1	0	1
0	0	0	75	2019	Eucalyptus sideroxylon	Red Ironbark	75	2	75	0	75	0	75
0	0	0	24	2019	Corymbia ficifolia	Red-Flowering Gum	24	2	24	0	24	0	24
1	5	0	76	2019	Ficus rubiginosa	Rustyleaf Fig	82	2	76	5	77	5	77
6	12	0	115	2019	Eucalyptus polyanthemnos	Silver Dollar Gum	133	2	115	12	121	12	121
0	0	0	9	2019	Eucalyptus pulverulenta	Silver Mountain Gum	9	2	9	0	9	0	9
0	0	0	25	2019	Corymbia maculata	Spotted Gum	25	2	25	0	25	0	25
0	1	0	0	2019	Tipuana tipu	Tipu	1	2	0	1	0	1	0
0	2	0	9	2019	Dyopsis decaryi	Triangle Palm	11	2	9	2	9	2	9
4	10	3	145	2019	Ficus benjamina	Weeping Fig	162	2	148	10	152	10	152
3	4	0	35	2019	Morus alba	White Mulberry	42	2	35	4	38	4	38
0	0	0	4	2019	Bauhinia variegata 'Candida'	White Orchid Tree	4	2	4	0	4	0	4
3	0	0	75	2019	Trachycarpus fortunei	Windmill Palm	78	2	75	0	78	0	78
1	0	0	6	2019	Spathodea campanulata	African Tulip Tree	7	3	6	0	7	0	7
6	7	0	174	2019	Pinus halepensis	Aleppo Pine	187	3	174	0	7	0	180
0	0	0	3	2019	Platanus occidentalis	American Sycamore	3	3	3	0	0	3	0
0	0	0	2	2019	Dyopsis lutescens	Areca Palm	2	3	2	0	0	2	0
0	0	0	2	2019	Pyrus calleryana 'Aristocrat'	Aristocrat Pear	2	3	2	0	0	2	0
0	1	0	5	2019	Eucalyptus cinerea	Ash Gum	6	3	5	0	1	5	0
0	0	0	2	2019	Fraxinus species	Ash Species	2	3	2	0	0	2	0

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0	0	0	4	2019	Acacia baileyana	Black Acacia	4	3	4	0	0	4	0
0	1	0	10	2019	Robinia pseudocacia	Black Locust	11	3	10	0	1	10	0
0	1	0	9	2019	Pittosporum tenuifolium	Blackstem Pittosporum	10	3	9	0	1	9	0
1	0	0	1	2019	Acacia melanoxylon	Blackwood Acacia	2	3	1	0	0	2	0
0	0	0	2	2019	Parkinsonia florida	Blue Palo Verde	2	3	2	0	0	2	0
0	0	1	22	2019	Lycianthes rantonnetii	Blue Potato Bush	23	3	22	1	0	22	1
2	43	0	163	2019	Brachyctition populneus	Bottle Tree	208	3	163	0	43	165	0
0	0	0	1	2019	Callistemon species	Bottlebrush Species	1	3	1	0	0	1	0
0	0	0	3	2019	Melaleuca armillaris	Bracelet Honeymyrtle	3	3	3	0	0	3	0
0	0	0	3	2019	Pyrus calleryana 'Bradford'	Bradford Pear	3	3	3	0	0	3	0
3	7	4	55	2019	Lophostemon confertus	Brisbane Box	69	3	55	4	7	58	4
14	18	8	245	2019	Melaleuca quinquenervia	Calepit Tree	285	3	245	8	18	259	8
0	0	0	1	2019	Washingtonia filifera	California Fan Palm	1	3	1	0	0	1	0
2	20	2	140	2019	Schinus molle	California Pepper	164	3	140	2	20	142	2
0	0	0	1	2019	Calodendrum capense	Cape Chestnut	1	3	1	0	0	1	0
0	2	0	26	2019	Pittosporum viridiflorum	Cape Pittosporum	28	3	26	0	2	26	0
4	5	0	56	2019	Ceratonia siliqua	Carob	65	3	56	0	5	60	0
0	2	0	2	2019	Magnolia champaca	Champaca	4	3	2	0	2	2	0
0	0	0	1	2019	Annona cherimola	Cheerimoya	1	3	1	0	0	1	0
0	0	0	11	2019	Radermachera sinica	China Doll	11	3	11	0	0	11	0
0	0	0	3	2019	Melia azedarach	Chinaberry	3	3	3	0	0	3	0
1	16	2	77	2019	Ulmus parvifolia	Chinese Elm	96	3	77	2	16	78	2
0	0	0	31	2019	Ziziphus jujuba	Chinese Jujube	31	3	31	0	0	31	0
0	0	0	18	2019	Ligustrum sinense	Chinese Privet	18	3	18	0	0	18	0
0	5	0	25	2019	Triadica sebifera	Chinese Tallow Tree	30	3	25	0	5	25	0
0	0	0	1	2019	Eriobotrya X 'Coppertone'	Coppertone Loquat Hybrid	1	3	1	0	0	1	0
0	1	0	0	2019	Ficus microcarpa	Cuban Laurel	1	3	0	0	0	0	0
0	3	5	74	2019	Betula pendula	European White Birch	82	3	74	5	3	74	5
15	58	4	273	2019	Afrocarpus gracilior	Fern Pine	350	3	273	4	58	288	4
0	0	0	8	2019	Stenocarpus sinuatus	Firewheel Tree	8	3	8	0	0	8	0
0	1	0	40	2019	Brachyctition acerifolius	Flame Tree	41	3	40	0	1	40	0
5	24	2	113	2019	Melaleuca linarifolia	Flaxleaf Paperbark	144	3	113	2	24	118	2
0	3	0	31	2019	Ceiba speciosa	Floss Silk Tree	34	3	31	0	3	31	0
0	0	0	1	2019	Sequoiadendron giganteum	Giant Sequoia	1	3	1	0	0	1	0
1	0	0	3	2019	Handroanthus chrysotrichus	Golden Trumpet Tree	4	3	3	0	0	4	0
0	0	0	1	2019	Senna splendida	Golden Wonder Senna	1	3	1	0	0	1	0
0	1	0	0	2019	Koelerauteria paniculata	Goldenrain Tree	1	3	0	0	1	0	0
1	8	1	12	2019	Fraxinus pennsylvanica	Green Ash	22	3	12	1	8	13	1
0	2	0	2	2019	Gleditsia triacanthos	Honey Locust	4	3	2	0	2	2	0
0	0	0	9	2019	Robinia x ambigua 'Idahoensis'	Idaho Locust	9	3	9	0	0	9	0
0	0	0	2	2019	Ainus cordata	Italian Alder	2	3	2	0	0	2	0
0	4	0	36	2019	Pinus thunbergiana	Japanese Black Pine	40	3	36	0	4	36	0
0	1	0	13	2019	Prunus serrulata	Japanese Flowering Cherry	14	3	13	0	1	13	0
0	0	0	12	2019	Ligustrum japonicum	Japanese Privet	12	3	12	0	0	12	0
0	0	0	3	2019	Erythrina caifra	Katfroom Coral Tree	3	3	3	0	0	3	0
12	24	3	386	2019	Callistemon citrinus	Lemon Bottlebrush	425	3	386	3	24	388	3
9	16	1	24	2020	Platanus x acerifolia	London Plane Tree	50	3	0	25	16	9	25
0	3	3	81	2020	Podocarpus henkelii	Long-Leafed Yellowwood	87	3	0	84	3	0	84
0	6	0	70	2020	Ginkgo biloba	Maidenhair Tree	76	3	0	70	6	0	70
3	0	0	0	2020	Ravenea rivularis	Majesty Palm	3	3	0	0	0	3	0
2	1	0	17	2020	Maytenus boaria	Mayten	20	3	0	17	1	2	17
0	0	0	1	2020	Dioon edule	Mexican Cycad	1	3	0	1	0	0	1
0	0	0	4	2020	Magnolia doltsopa	Michelia	4	3	0	4	0	0	4
0	0	0	1	2020	Mimosa species	Mimosa Species	1	3	0	1	0	0	1
0	3	0	23	2020	Albizia julibrissin	Mimosa, Silk Tree	26	3	0	23	3	0	23
0	2	0	0	2020	Fraxinus velutina 'Modesto'	Modesto Ash	2	3	0	0	2	0	0
1	0	0	15	2020	Pinus radiata	Monterey Pine	16	3	0	15	0	1	15

2019 Last Trim	2018 Last Trim	2017 Last Trim	To be Trimmed	Planned Trim (Fiscal Year)	Botanical Name	Common Name	Quantity	Annual Trim Cycle	2019 Estimated Next Trim	2020 Estimated Next Trim	2021 Estimated Next Trim	2022 Estimated Next Trim	2023 Estimated Next Trim
0	0	0	1	2020	Ficus macrophylla	Moreton Bay Fig	1	3	0	1	0	0	1
0	1	1	8	2020	Myoporum laetum	Myoporum	10	3	0	9	1	0	9
0	0	0	5	2020	Erythrina coralloides	Naked Coral Tree	5	3	0	5	0	0	5
0	0	0	1	2020	Erythrina humeana	Natal Coral Tree	1	3	0	1	0	0	1
0	0	0	1	2020	Vitex lucens	New Zealand Chaste Tree	1	3	0	1	0	0	1
0	1	0	30	2020	Olea europaea	Olive	31	3	0	30	1	0	30
3	10	2	37	2020	Pyrus calleryana	Ornamental Pear	52	3	0	39	10	3	39
0	2	0	0	2020	Melaleuca nesophila	Pink Melaleuca	2	3	0	0	2	0	0
5	9	3	111	2020	Handroanthus impetiginosus	Pink Trumpet Tree	128	3	0	114	9	5	114
0	0	0	1	2020	Albizia distachya	Pume Albizia	1	3	0	1	0	0	1
0	0	0	4	2020	Beaucarnea recurvata	Ponytail Palm	4	3	0	4	0	0	4
0	0	0	2	2020	Lagunaria patersonia	Primrose Tree	2	3	0	2	0	0	2
0	0	0	2	2020	Paulownia fortunei	Princess Tree	2	3	0	2	0	0	2
0	0	0	3	2020	Dodonaea viscosa 'Purpurea'	Purple Hopseed	3	3	0	3	0	0	3
0	6	0	67	2020	Bauhinia variegata	Purple Orchid Tree	73	3	0	67	6	0	67
0	0	0	26	2020	Robinia x ambigua 'Purple Robe'	Purple Robe Locust	26	3	0	26	0	0	26
0	0	0	1	2020	Agonix flexuosa 'After Dark'	Purple-leaved Peppermint Tree	1	3	0	1	0	0	1
0	0	0	2	2020	Salix discolor	Pussy Willow	2	3	0	2	0	0	2
2	1	1	21	2020	Schefflera actinophylla	Queensland Umbrella Tree	25	3	0	22	1	2	22
0	1	0	17	2020	Ficus elastica	Rubber Plant	18	3	0	17	1	0	17
0	0	0	8	2020	Pittosporum crassifolium	Seaside Pittosporum	8	3	0	8	0	0	8
7	16	10	208	2020	Fraxinus uhdei	Shamel Ash	241	3	0	218	16	7	218
0	0	0	1	2020	Acacia stenophylla	Shoestring Acacia	1	3	0	1	0	0	1
16	26	1	210	2020	Grevillea robusta	Silk Oak	253	3	0	211	26	16	211
0	3	1	80	2020	Araucaria columnaris	Star Pine	84	3	0	81	3	0	81
0	0	1	17	2020	Psidium cattleianum	Strawberry Guava	18	3	0	18	0	0	18
0	1	0	0	2020	Dombeya cecumnum	Strawberry Snowball Tree	1	3	0	0	1	0	0
0	0	0	1	2020	Laurus nobilis	Sweet Bay	1	3	0	1	0	0	1
3	1	0	23	2020	Hymenoporum flavum	Sweetflag	27	3	0	23	1	3	23
0	13	0	21	2020	Gledisia triacanthos f. inermis	Thornless Honey Locust	34	3	0	21	13	0	21
0	0	0	12	2020	Pittosporum tobira	Tobira Mock Orange	12	3	0	12	0	0	12
2	1	0	4	2020	Fraxinus uhdei 'Tomlinsoni'	Tomlinson Ash	7	3	0	4	1	2	4
0	0	0	1	2020	Liriodendron tulipifera	Tulip Tree	1	3	0	1	0	0	1
0	0	0	4	2020	Schefflera pueckeri	Tupianthus	4	3	0	4	0	0	4
1	0	5	35	2020	Pittosporum undulatum	Victorian Box	41	3	0	40	0	1	40
1	9	0	42	2020	Callistemon viminalis	Weeping Bottlebrush	52	3	0	42	9	1	42
0	0	0	2	2020	Salix babingtonia	Weeping Willow	2	3	0	2	0	0	2
1	4	1	26	2020	Alnus rhombifolia	White Alder	32	3	0	27	4	1	27
0	0	0	3	2020	Eucalyptus leucocylon	White Ironbark	3	3	0	3	0	0	3
0	0	0	3	2020	Casimiroa edulis	White Sapote	3	3	0	3	0	0	3
0	0	0	2	2020	Thevetia peruviana	Yellow Oleander	2	3	0	2	0	0	2
0	0	0	2	2020	Handroanthus umbellatus	Yellow Trumpet Tree	2	3	0	2	0	0	2
0	1	0	4	2020	Podocarpus macrophyllus	Yew Pine	5	3	0	4	1	0	4
0	0	0	7	2020	Fraxinus velutina	Arizona Ash	7	4	0	7	0	0	0
0	0	0	2	2020	Salix nigra	Black Willow	2	4	0	2	0	0	0
0	0	0	3	2020	Acer palmatum 'Bloodgood'	Bloodgood Japanese Maple	3	4	0	3	0	0	0
0	0	0	1	2020	Persea indica	Canary Island Bay	1	4	0	1	0	0	0
16	43	15	923	2020	Pinus canariensis	Canary Island Pine	997	4	0	938	43	16	0
0	4	1	42	2020	Prunus caroliniana	Carolina Laurel Cherry	47	4	0	43	4	0	0
0	0	0	0	2020	Marloth esculenta	Cassava	0	4	0	0	0	0	0
1	7	2	48	2020	Chitalpa tashkentensis	Chitalpa	58	4	0	50	7	1	0
0	0	0	3	2020	Picea pungens	Colorado Spruce	3	4	0	3	0	0	0
0	0	0	3	2020	Quercus suber	Cork Oak	3	4	0	3	0	0	0
0	0	0	1	2020	Pinus coulteri	Coulter Pine	1	4	0	1	0	0	0
0	0	0	1	2020	Malus floribunda	Crabapple Species	1	4	0	1	0	0	0
0	2	0	5	2020	Hibiscus mutabilis 'Flore Pleno'	Double Confederate Rose	7	4	0	5	2	0	0
0	1	0	4	2020	Cordyline australis	Dracaena	5	4	0	4	1	0	0

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0	1	0	3	2020	Dracaena draco	Dragon Tree	4	4	0	3	1	0	0
0	0	0	2	2020	Catalpa bignonioides	Eastern Catalpa	2	4	0	2	0	0	0
0	0	0	1	2020	Juniperus virginiana	Eastern Red Cedar	1	4	0	1	0	0	0
0	0	0	1	2020	Atracarpus falcatius	False Yellowwood	1	4	0	1	0	0	0
1	0	0	0	2020	Strelitzia nicotai	Giant Bird of Paradise	1	4	0	0	0	1	0
0	0	0	2	2020	Quercus illex	Holly Oak	2	4	0	2	0	0	0
0	6	4	319	2020	Juniperus chinensis 'Torulosa'	Hollywood Juniper	329	4	0	323	6	0	0
1	9	0	0	2020	Pinus pinea	Italian Stone Pine	10	4	0	0	9	1	0
0	0	1	22	2020	Acer palmatum	Japanese Maple	23	4	0	23	0	0	0
0	0	0	1	2020	Pinus patula	Jelicoite Pine	1	4	0	1	0	0	0
0	0	0	1	2020	Cercidiphyllum japonicum	Katsura Tree	1	4	0	1	0	0	0
0	0	0	1	2020	Prunus serrulata 'Kwanzan'	Kwanzan Flowering Cherry	1	4	0	1	0	0	0
0	0	0	2	2020	Pinocarpus longan	Longan	2	4	0	2	0	0	0
0	0	0	1	2020	Abies procera	Noble Fir	1	4	0	1	0	0	0
0	0	0	6	2020	Platycladus orientalis	Oriental Arborvitae	6	4	0	6	0	0	0
0	0	0	1	2020	Betula papyrifera	Paper Birch	1	4	0	1	0	0	0
0	0	0	1	2020	Betula capitata	Pindo Palm	1	4	0	1	0	0	0
0	12	2	32	2020	Brachychiton discolor	Pink Flame Tree	46	4	0	34	12	0	0
1	0	0	5	2020	Calliandra haematocephala	Pink Powderpuff	6	4	0	5	0	1	0
0	0	0	2	2020	Lagerstroemia speciosa	Queen Grape Myrtle	2	4	0	2	0	0	0
0	0	0	11	2020	Cotoneaster laevis	Red Clusterberry	11	4	0	11	0	0	0
0	0	0	1	2020	Acer rubrum	Red Maple	1	4	0	1	0	0	0
0	0	0	2	2020	Casuarina cunninghamiana	River She-Oak	2	4	0	2	0	0	0
0	0	0	3	2020	Howea belmoreana	Sentry Palm	3	4	0	3	0	0	0
0	1	0	4	2020	Duranta repens	Sky Flower	5	4	0	4	1	0	0
0	2	0	0	2020	Trithrinax acanthocoma	Spry Fiber Palm	2	4	0	0	2	0	0
0	3	0	14	2020	Arbutus unedo	Strawberry Tree	17	4	0	14	3	0	0
0	0	0	1	2020	Acer pseudoplatanus	Sycamore Maple	1	4	0	1	0	0	0
0	0	0	1	2020	Illex latifolia	Tatapo	1	4	0	1	0	0	0
0	0	0	1	2020	Pittosporum eugenioides	Taratata	1	4	0	1	0	0	0
0	0	0	1	2020	Pinus torreyana	Torrey Pine	1	4	0	1	0	0	0
0	0	0	2	2020	Heteromeles arbutifolia	Tovon	2	4	0	2	0	0	0
2	4	2	144	2020	Illex altacalensis 'Wilsonii'	Wilson Holy	152	4	0	146	4	2	0
1	1	0	7	2020	Pinus brutia var. eldarica	Afghan Pine	9	5	0	7	0	0	1
1	2	0	10	2020	Cunonia capensis	African Red Alder	13	5	0	10	0	0	2
0	0	0	9	2020	Thuja occidentalis	American Arborvitae	9	5	0	9	0	0	0
9	16	14	385	2020	Liquidambar styraciflua	American Sweet Gum	424	5	0	385	0	14	16
0	0	0	2	2020	Brugmansia versicolor	Angel's Trumpet	2	5	0	2	0	0	0
0	0	0	9	2020	Cedrus atlantica	Atlas Cedar	9	5	0	9	0	0	0
0	0	0	3	2020	Leptospermum laevigatum	Australian Tea Tree	3	5	0	3	0	0	0
0	0	0	7	2020	Taxodium distichum	Bald Cypress	7	5	0	7	0	0	0
6	5	0	94	2020	Eriobotrya deflexa	Bronze Loquat	105	5	0	94	0	0	5
0	0	0	58	2020	Syzygium paniculatum	Brush Cherry	58	5	0	58	0	0	0
0	0	0	1	2020	Arcautaria bidwillii	Bunya-Bunya Tree	1	5	0	1	0	0	0
11	0	0	2	2020	Illex cornuta 'Burfordii'	Burford Holly	2	5	0	2	0	0	0
23	4	4	154	2020	Cinnamomum camphora	Camphor	192	5	0	154	0	4	23
9	13	0	87	2020	Prunus Iyonii	Catalina Cherry	109	5	0	87	0	0	13
0	0	0	2	2020	Hibiscus rosa-sinensis	Chinese Hibiscus	2	5	0	2	0	0	0
0	0	0	5	2020	Illex cornuta	Chinese Holly	5	5	0	5	0	0	0
0	0	0	11	2020	Juniperus chinensis	Chinese Juniper	11	5	0	11	0	0	0
0	0	0	5	2020	Photinia serrulata	Chinese Photinia	5	5	0	5	0	0	0
0	0	0	1	2020	Wisteria sinensis (Standard)	Chinese Wisteria (Standard)	1	5	0	1	0	0	0
0	0	0	26	2020	Quercus agrifolia	Coast Live Oak	26	5	0	26	0	0	0
0	1	0	13	2020	Sequoia sempervirens	Coast Redwood	14	5	0	13	0	0	1
50	83	33	1,842	2020	Lagerstroemia indica	Crape Myrtle (Including hybrids)	2008	5	0	1,842	0	33	83
0	0	0	10	2021	Cedrus deodara	Deodar Cedar	10	5	0	0	10	0	0
2	14	0	94	2021	Cercis canadensis	Eastern Redbud	110	5	0	0	94	0	14

2019 Last Trim	2018 Last Trim	2017 Last Trim	To be Trimmed	Planned Trim (Fiscal Year)	Botanical Name	Common Name	Quantity	Annual Trim Cycle	2019 Estimated Next Trim	2020 Estimated Next Trim	2021 Estimated Next Trim	2022 Estimated Next Trim	2023 Estimated Next Trim
2	0	0	16	2021	Ilex aquifolium	English Holly	18	5	0	0	16	0	0
1	4	0	45	2021	Pyrus kawakamii	Evergreen Pear	50	5	0	0	45	0	4
0	0	0	1	2021	Chamaecyparis species	False Cypress Species	1	5	0	0	1	0	0
0	1	0	14	2021	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	15	5	0	0	14	0	1
0	0	0	9	2021	Photinia fraseri	Fraser Photinia	9	5	0	0	9	0	0
8	7	1	27	2021	Ligustrum lucidum	Glossy Privet	43	5	0	0	27	1	7
0	0	0	40	2021	Dodonaea viscosa	Green Hopseed	40	5	0	0	40	0	0
0	0	0	3	2021	Calocedrus decurrens	Incense Cedar	3	5	0	0	3	0	0
0	0	0	3	2021	Rhapidolepis indica	Indian Hawthorne	3	5	0	0	3	0	0
1	3	0	93	2021	Cupressus sempervirens	Italian Cypress	97	5	0	0	93	0	3
0	1	0	51	2021	Diospyros kaki	Japanese Persimmon	52	5	0	0	51	0	1
0	0	2	43	2021	Juniperus species	Juniper Species	45	5	0	0	43	2	0
0	1	16	168	2021	Cupressocyparis leylandii	Leyland Cypress	185	5	0	0	168	16	1
2	4	2	162	2021	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	170	5	0	0	162	2	4
0	0	0	7	2021	Araucaria araucana	Monkey Puzzle Tree	7	5	0	0	7	0	0
3	34	4	178	2021	Metrosideros excelsa	New Zealand Christmas Tree	219	5	0	0	178	4	34
0	0	0	20	2021	Leptospermum scoparium	New Zealand Tea Tree	20	5	0	0	20	0	0
0	0	1	20	2021	Araucaria heterophylla	Norfolk Island Pine	21	5	0	0	20	1	0
3	3	6	261	2021	Prunus cerasifera	Purple-Leaved Plum	273	5	0	0	261	6	3
0	1	0	4	2021	Auranticaipa rhotrbifolia	Queensland Pittosporum	5	5	0	0	4	0	1
0	0	0	4	2021	Zelkova serrata	Sawleaf Zelkova	4	5	0	0	4	0	0
1	0	0	5	2021	Cotinus coggygria	Smoke Tree	6	5	0	0	5	0	0
43	64	11	451	2021	Magnolia grandiflora	Southern Magnolia	569	5	0	0	451	11	64
0	2	0	85	2021	Yucca gloriosa	Spanish Dagger	87	5	0	0	85	0	2
0	0	0	3	2021	Acacia longifolia	Sydney Golden Wattle	3	5	0	0	3	0	0
0	0	0	1	2021	Dicksonia antarctica	Tasmanian Tree Fern	1	5	0	0	1	0	0
2	7	0	119	2021	Cercis canadensis var. texensis	Texas/Oklahoma Redbud	128	5	0	0	119	0	7
0	0	0	3	2021	Thuja plicata	Western Red Cedar	3	5	0	0	3	0	0
0	0	0	6	2021	Cercis occidentalis	Western Redbud	6	5	0	0	6	0	0
0	0	0	1	2021	Yuca species	Yuca Species	1	5	0	0	1	0	0
424	1,197	224	11,856		Totals without Palm Trees:		13,701		4,301	6,155	4,737	2,781	3,937