

STAFF REPORT

DATE: May 25, 2021

RE: 1414 Albury Street (permit application # T2021-0151)

FROM: Karen DeMaria, City of Key West Urban Forestry Manager

An application was received requesting the removal of (1) Gumbo Limbo tree. A site inspection was done and documented the following:

Tree Species: Gumbo Limbo (*Bursera simaruba*)



Photo showing entire tree next to Albury Street.



Standing on street looking straight at tree.



Photo showing fungus and decay areas on trunk and base of tree, view 1.



Photo showing fungus and decay areas on trunk and base of tree, view 2.



Photo showing fungus and decay areas on trunk and base of tree, view 3.

Additional detailed photos are included in the application.

Diameter: 27"

Location: 80% (growing in side yard area on property line with city right of way, very visible)

Species: 100% (on protected tree list)

Condition: 20% (overall condition is very poor-tree has a wood rot fungus and major decay at the base)

Total Average Value = 66%

Value x Diameter = 17.8 replacement caliper inches

Application



T2021-0151 ✓

Tree Permit Application

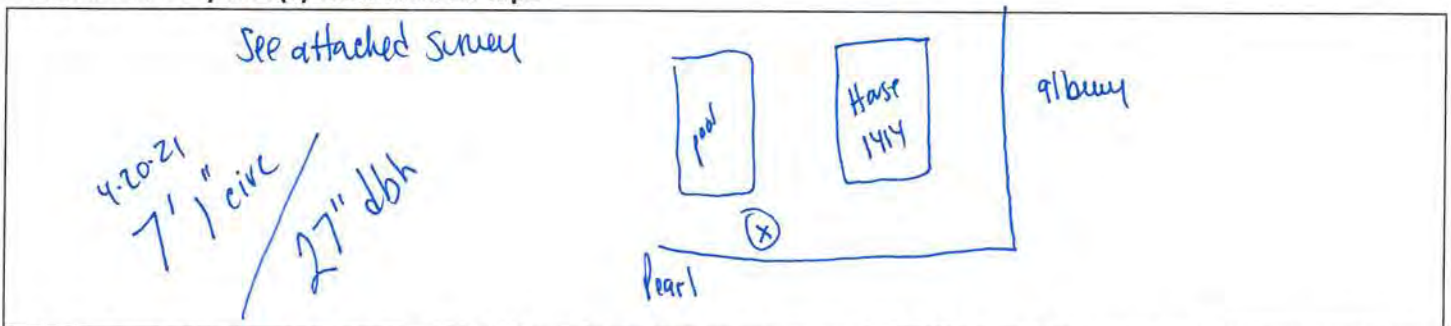
Please Clearly Print All Information unless indicated otherwise. Date: 5-11-2021

Tree Address	<u>1414 Albury Street ROW w/ Pearl street</u>	
Cross/Corner Street		
List Tree Name(s) and Quantity	<u>1- bumbo Limbo tree</u>	
Species Type(s) check all that apply	<input type="checkbox"/> Palm <input type="checkbox"/> Flowering <input type="checkbox"/> Fruit <input checked="" type="checkbox"/> Shade <input type="checkbox"/> Unsure	
Reason(s) for Application:		
<input checked="" type="checkbox"/> Remove	<input checked="" type="checkbox"/> Tree Health <input checked="" type="checkbox"/> Safety <input type="checkbox"/> Other/Explain below	
<input type="checkbox"/> Transplant	<input type="checkbox"/> New Location <input type="checkbox"/> Same Property <input type="checkbox"/> Other/Explain below	
<input type="checkbox"/> Heavy Maintenance Trim	<input type="checkbox"/> Branch Removal <input type="checkbox"/> Crown Cleaning/Thinning <input type="checkbox"/> Crown Reduction	
Additional Information and Explanation	<u>In January 2019, tree was diagnosed with a wood rotting fungus. Property owner tried to keep area dry and remove fungal mushrooms but fungus has expanded. Base of trees appears to be infected. This means that this portion of the tree is probably decayed. This tree has a large, heavy canopy. Tree failure will occur at some point and land either on road or on private property.</u>	
Property Owner Name	<u>City of Key West +</u>	<u>Nathan Lubin</u> ✓
Property Owner email Address		
Property Owner Mailing Address	<u>PO Box 1409 KW 33041</u>	<u>711 Lowell Rd, Concord MA 01742</u>
Property Owner Phone Number		
Property Owner Signature	<u>[Signature]</u>	<u>5/16/2021</u>
Representative Name	<u>Karen DeLania</u>	<u>Cynthia Domenech-Coogle</u>
Representative email Address	<u>Urban Forestry Manager</u>	<u>Cynthia's Blue Palms</u>
Representative Mailing Address	<u>Certified Arborist</u>	<u>Certified Arborist</u>
Representative Phone Number	<u>FL# 6585 A</u>	<u>FL# 0277A</u>

NOTE: A Tree Representation Authorization form must accompany this application if someone other than the owner will be representing the owner at a Tree Commission meeting or picking up an issued Tree Permit. Tree Representation Authorization form attached ()

Sketch location of tree in this area including cross/corner Street

Please identify tree(s) with colored tape



If this process requires blocking of a City right-of-way, a separate ROW Permit is required. Please contact 305-809-3740.



Tree Permit Application

Please Clearly Print All Information unless indicated otherwise. Date: 5/16/21

Tree Address 1414 Albury St. Key West
Cross/Corner Street Albury + Pearl St
List Tree Name(s) and Quantity 1- Gumbo Limbo
Species Type(s) check all that apply () Palm () Flowering () Fruit () Shade ☒ Unsure

Reason(s) for Application:

☒ Remove ☒ Tree Health () Safety () Other/Explain below
() Transplant () New Location () Same Property () Other/Explain below
() Heavy Maintenance Trim () Branch Removal () Crown Cleaning/Thinning () Crown Reduction

Additional Information and Explanation we bought the house 4/1/21 + landscaper pointed out fungal infection. Worried tree could come down this hurricane season

Property Owner Name Nate Gubin
Property Owner email Address Nategubin@mac.com
Property Owner Mailing Address 711 Cowell Rd. Concord, MA 01742
Property Owner Phone Number 323-459-8049
Property Owner Signature [Signature]

Representative Name Cynthia Domenech-Corale, Cynthia's Blue Palms LLC
Representative email Address Cynthiasbluepalms@gmail.com
Representative Mailing Address 1006 16th Terrace Key West, FL 33040
Representative Phone Number 305-747-2142

NOTE: A Tree Representation Authorization form must accompany this application if someone other than the owner will be representing the owner at a Tree Commission meeting or picking up an issued Tree Permit. Tree Representation Authorization form attached ()

Sketch location of tree in this area including cross/corner Street

Please identify tree(s) with colored tape



If this process requires blocking of a City right-of-way, a separate ROW Permit is required. Please contact 305-809-3740.

Karen DeMaria

From: Nate Gubin <nategubin@mac.com>
Sent: Sunday, May 16, 2021 6:23 PM
To: Karen DeMaria
Cc: cynthia domenech-coogle
Subject: Re: 1414 Albury St Right of Way Gumbo Limbo tree
Attachments: Tree Permit Application.pdf

Thanks Karen,

I'm back in Wisconsin for a few weeks. I did my best on the application, hope it's enough. I think the consensus Cynthia and I came to was that the tree will probably come down in the next wind storm. It appears to be dead throughout the girth of the main trunk. We would like to remove it before any summer storms puts it on the roof of our house.

Please let me know if there's any other information I can provide.

Best,

Nate Gubin
711 Lowell Rd.
Concord, MA 01742
nategubin@mac.com
323-459-8049

On May 11, 2021, at 4:37 PM, Karen DeMaria <kdemaria@cityofkeywest-fl.gov> wrote:

I am in the process of putting a package together for City Management to review regarding the potential removal of the Gumbo Limbo tree. I need the property owner of 1414 Albury to fill out an application to submit to the package and to provide any additional information you might want to add to the file (see attachment). I think management will want to have this reviewed by the Tree Commission which means the next meeting is Monday, June 7 (I would need all paperwork before May 19). If you feel that this application should be handled as an emergency permit process then provide additional information supporting your thought. We know the tree was diagnosed with the wood rot fungus in January 2019 but I am not sure whether the issue is "an imminent safety" issue as I am not well versed on the science of this type of fungus and my research didn't indicate a time line for tree failure. The fungus does justify removal of the tree it is just a matter of how to process the application and going through the process.

Sincerely,

Karen

Karen DeMaria

Karen DeMaria
Urban Forestry Manager

Karen DeMaria

Tree Removal Request

X 3768

DATE: May 13, 2021

RE: 1414 Albury Street Gumbo Limbo tree

Emergency ☐

or

Tree Commission ☐



On April 15, representative for the property owner, Cynthia Domenech-Coogle, contacted my office about a Gumbo Limbo tree in poor condition. On April 20, 2021, I did a site inspection and documented the conditions that Cynthia had noted in her e-mail and measured the tree diameter.

In July 2019, I was first made aware of the issues with the tree. The property owner at that time had collected samples and sent them to the University of Florida for identification in January of 2019. He had been trying to get rid of the fungus and wanted advice. I do not remember nor do I have any documentation in the file as to what was decided at the time.

It appears that the fungus has expanded and is now around most of the base of the tree and root system. This type of fungus is wood rotting fungus so its significant presence means there is significant decay in the root system and base of tree. This is a large tree with heavy canopy branches. If the tree fails, the strike zones would be the road (Pearl Street) and private property (house).

The tree appears to be on the property line therefore, the tree is half owned by the City and half owned by Mr. Gubin. Mr. Gubin has been asked to fill out an application for the file, to remove the tree as he is a partial owner.

It is requested that management allow for the processing of an emergency permit to remove the tree. Under State Law, this tree could and would be considered a dangerous tree with a high risk of failure. Two certified arborists (Cynthia and myself) have documented that the tree has serious issues with the root system and main trunk area that have been going on for at least 2 ½ years. If emergency permit procedures are not approved then it is asked that a tree removal application be allowed to be processed for Tree Commission review. The next scheduled meeting is Monday, June 7.

Questions still to be answered is who should remove the tree and who should be required to plant the replacement trees. If an emergency permit is issued, the required tree replacement is 2-8ft tall dicot trees, FL#1 from the approved list. I do not know if Community Services could safely remove this tree. They could work in collaboration with a professional, licensed tree trimmer or certified arborist if need be.

Karen DeMaria

Karen DeMaria
Urban Forestry Manager
Certified Arborist FL-6585A
City of Key West
305-809-3768



Karen DeMaria

From: Karen DeMaria
Sent: Thursday, May 13, 2021 2:08 PM
To: Karen DeMaria
Subject: FW: 1414 Albury Survey - Nate Gubin Gumbo Limbo

From: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Sent: Wednesday, May 12, 2021 8:39 PM
To: Karen DeMaria <kdemaria@cityofkeywest-fl.gov>
Subject: Re: 1414 Albury Survey - Nate Gubin Gumbo Limbo

Hi Karen,

The damage, in long past, is from compression wounding probably backhoe digging the pool, with advantageous rooting to bypass the wound. The tree is trying its damndest to stay alive, however with the wood rotting fungi turning the root system to mush it won't stand for long.

Cynthia

Cynthia's Blue Palms, LLC
ISA Certified Arborist FL #0277
305/747-2142

Karen DeMaria

From: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Sent: Tuesday, May 4, 2021 4:49 PM
To: Karen DeMaria; Nate Gubin; cynthia domenech-coogle
Subject: 1414 Albury Survey - Nate Gubin Gumbo Limbo
Attachments: 1414 Albury Survey.pdf

Hi Karen,

In regards to the Gumbo Limbo tree at 1414 Albury Street, the owner, Mr. Nate Gubin, and I agree the tree should be removed prior to hurricane season this year. It seems the fungal attack is moving rapidly throughout the tree. I made a quick drive-by this weekend; fungal activity is rampant.

Attached please find the Map Boundary Survey of 1414 Albury Street. It appears the Gumbo Limbo is a shared tree between The City of Key West and Mr. Gubin.

We would like to proceed with the removal process as soon as possible with a likely removal of June or July at the latest. How would you like us to proceed at this point? Let me know your thoughts and call me if you get a chance! :) have a great day!

Cynthia

Cynthia's Blue Palms, LLC.
ISA Certified Arborist, FL# 0277A
305/747-2142

who removes?
who will be required to plant
replacements? KD

BEARING BASE-
ALL BEARINGS ARE BASED
ON N60°17'04"E ASSUMED
ALONG THE CENTERLINE OF
ALBURY STREET

ALL ANGLES DEPICTED
ARE 90 DEGREES UNLESS
OTHERWISE INDICATED

ALL UNITS ARE SHOWN IN
U.S. SURVEY FEET

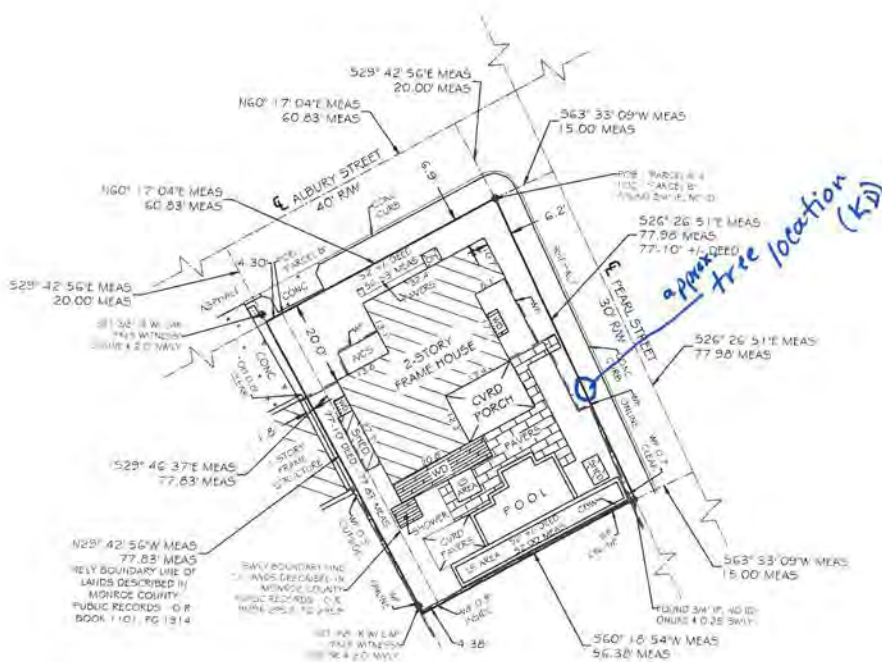
ADDRESS:
1414 ALBURY STREET
KEY WEST, FL 33040

COMMUNITY NO. 120166
MAP NO. 12087C-1516K
MAP DATE: 02-18-2009
FLOOD ZONE: AE
BASE ELEVATION: 6

MAP OF BOUNDARY SURVEY

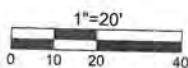


LOCATION MAP - NIS
SEC. 05-T6B5-R25E



LEGEND

- WATER METER
- SEWER/SEWER CO. (G)
- MAINTENANCE
- WOOD POWER POLE
- ETHEREAL POWER POLE



LEGAL DESCRIPTION(S)

PARCEL A

On the Island of Key West and being a part of Tract T, according to Wm. H. Whitehead's Map of said Island, delineated in February A.D. 1859, but better described as being a part of Lot Ten (10), Square Three (3), Tract Seven (7) and commencing at the Southwest corner of Pearl and Albury Streets run Southeastern, along Pearl Street, Seventy-Seven (77) feet and Ten (10) inches, more or less, thence Southwesterly Fifty-two (52) feet, more or less, thence at right angles in a Northwesterly direction Seventy-Seven (77) feet and Ten (10) inches out to Albury Street, thence at right angles in a Northwesterly direction Fifty-two (52) feet, more or less, along Albury Street to the Point of Beginning.

PARCEL B - **AUTHORED BY THE UNDERSIGNED**

On the Island of Key West, Monroe County, State of Florida and known as a part of Lot Three (3), Square One (1) of Ben Albury's subdivision of part of Tract Seven (7), as recorded in Deed Book 1 at page 388 of the Public Records of Monroe County, and being more particularly described as follows: Commencing at the intersection of the Southwesterly Right of Way line of Pearl Street and the Southeastern Right of Way line of Albury Street, thence S60°17'04"W along the said Southeastern Right of Way line of Albury Street for a distance of 56.53 feet to the Northwest corner of land described in Official Records Book 2953, at Page 2359 of the Public Records of Monroe County, Florida, said point being the Point of Beginning of the parcel of land hereinafter described; thence S29°42'56"E along the Southeastern boundary line of the said lands described in Official Records Book 2953, at Page 2359 of the Public Records of Monroe County, Florida, for a distance of 77.83 feet to the Southeastern corner of the said lands described in Official Records Book 2953, at Page 2359 of the Public Records of Monroe County, Florida, thence S60°17'04"W for a distance of 4.30 feet to a point on the Northwesterly boundary line of the lands described in Official Records Book 1101, at Page 1514 of the Public Records of Monroe County, Florida, thence N29°42'56"W along the said Northwesterly boundary line of the lands described in Official Records Book 1101, at Page 1514 of the Public Records of Monroe County, Florida, for a distance of 77.83 feet to a point on the Southeastern Right of Way line of Albury Street, thence N60°17'04"E along the said Southeastern Right of Way line of Albury Street for a distance of 4.30 feet back to the Point of Beginning. Containing 337.61 square feet more or less.

CERTIFIED TO -

GARRY BRADSHAW

DATE: 02/18/2009
BY: GARRY BRADSHAW
TITLE: SURVEYOR
FIRM: FLORIDA KEYS LAND SURVEYING

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY PERSONAL SUPERVISION AND THAT I AM A LICENSED SURVEYOR IN THE STATE OF FLORIDA. I HAVE REVIEWED THE RECORDS OF THE PUBLIC RECORDS OF MONROE COUNTY, FLORIDA, AND HAVE DETERMINED THAT THE SURVEY IS CORRECT AND ACCURATE. I HAVE ALSO REVIEWED THE RECORDS OF THE PUBLIC RECORDS OF MONROE COUNTY, FLORIDA, AND HAVE DETERMINED THAT THE SURVEY IS CORRECT AND ACCURATE. I HAVE ALSO REVIEWED THE RECORDS OF THE PUBLIC RECORDS OF MONROE COUNTY, FLORIDA, AND HAVE DETERMINED THAT THE SURVEY IS CORRECT AND ACCURATE.



FLORIDA KEYS
LAND SURVEYING
19960 OVERSEAS HIGHWAY
SUGARLOAF KEY, FL 33042
PHONE: (305) 394-3650
FAX: (305) 509-7373
EMAIL: FKL@earthlink.net



Disclaimer

The Monroe County Property Appraiser's office maintains data on property within the County solely for the purpose of fulfilling its responsibility to secure a just valuation for ad valorem tax purposes of all property within the County. The Monroe County Property Appraiser's office cannot guarantee its accuracy for any other purpose. Likewise, data provided regarding one tax year may not be applicable in prior or subsequent years. By requesting such data, you hereby understand and agree that the data is intended for ad valorem tax purposes only and should not be relied on for any other purpose.

By continuing into this site you assert that you have read and agree to the above statement.

Summary

Parcel ID 00024290-000000
 Account# 1025089
 Property ID 1025089
 Millage Group 10KW
 Location 1414 ALBURY ST KEY WEST
 Address
 Legal Description KW BENJ ALBYURYS SUBD DIAGRAM I-389 PT LOT 10 SQR 3 TR 7 OR20-198/99 OR2150-1577 OR2169-388 OR2161-869/70 OR2186-1106/07 OR2215-819/20 OR2215-817/18 OR2245-766/67 OR2674-382/83 OR2804-172/73 OR2953-2359 OR3025-1670 OR3025-2135 OR3056-1262 OR3087-1308
 Neighborhood 6284
 Property Class SINGLE FAMILY RESID (0100)
 Subdivision
 Sec/Twp/Rng 05/68/25
 Affordable No
 Housing



Owner

GUBIN NATHAN M 2020 TR 4/21/2020
 711 Lowell Rd
 Concord MA 01742

Valuation

	2020	2019	2018	2017	2016
+ Market Improvement Value	\$729,694	\$628,586	\$250,128	\$232,054	\$202,147
+ Market Misc Value	\$51,967	\$53,552	\$11,230	\$11,169	\$11,796
+ Market Land Value	\$553,851	\$669,553	\$644,895	\$542,471	\$601,704
= Just Market Value	\$1,335,512	\$1,351,691	\$906,253	\$785,694	\$815,647
- Total Assessed Value	\$1,335,512	\$1,274,937	\$864,636	\$785,694	\$599,573
- School Exempt Value	\$0	\$0	\$0	\$0	(\$25,000)
= School Taxable Value	\$1,335,512	\$1,351,691	\$906,253	\$785,694	\$574,573

Land

Land Use	Number of Units	Unit Type	Frontage	Depth
RES SUPERIOR DRY (01SD)	4.55300	Square Foot	0	0

Buildings

Building ID 1881
 Style 2 STORY ELEV FOUNDATION
 Building Type S.F.R. - R1 / R1
 Gross Sq Ft 1898
 Finished Sq Ft 1648
 Stories 2 Floor
 Condition EXCELLENT
 Perimeter 268
 Functional Obs 0
 Economic Obs 0
 Depreciation % 4
 Interior Walls WALL BD/WD WAL

Exterior Walls CUSTOM
 Year Built 1946
 Effective Year Built 2015
 Foundation CONCR FTR
 Roof Type FLAT OR SHED
 Roof Coverage METAL
 Flooring Type SFT/HD WD
 Heating Type FCD/AIR NON-DC
 Bedrooms 2
 Full Bathrooms 2
 Half Bathrooms 1
 Grade 650
 Number of Fire Pl 0

Code	Description	Sketch Area	Finished Area	Perimeter
OPX	EXC OPEN PORCH	238	0	0
FLA	FLOOR LIV AREA	1,648	1,648	0
OPU	OP PR UNFIN LL	12	0	0
TOTAL		1,898	1,648	0

Yard Items

Description	Year Built	Roll Year	Quantity	Units	Grade
CUSTOM PATIO	2015	2016	1	80 SF	3
FENCES	2015	2016	1	402 SF	2
FENCES	2017	2018	0	112 SF	2
FENCES	2017	2018	0	210 SF	2
RES POOL	2018	2019	1	350 SF	3
WATER FEATURE	2018	2019	1	1 UT	3
WOOD DECK	2018	2019	1	84 SF	4

Sales

Sale Date	Sale Price	Instrument	Instrument Number	Deed Book	Deed Page	Sale Qualification	Vacant or Improved
4/1/2021	\$1,880,000	Warranty Deed	2312460	3087	1308	01 - Qualified	Improved
10/30/2020	\$20,000	Quit Claim Deed	2290594	3056	1262	30 - Unqualified	Improved
6/4/2020	\$924,600	Quit Claim Deed	2268620	3025	2135	30 - Unqualified	Improved
6/4/2020	\$6,600	Quit Claim Deed	2268475	3025	1670	30 - Unqualified	Improved
3/13/2019	\$1,650,000	Warranty Deed	2211234	2953	2359	01 - Qualified	Improved
6/28/2016	\$790,000	Warranty Deed		2804	172	02 - Qualified	Improved
2/28/2014	\$330,000	Warranty Deed		2674	382	37 - Unqualified	Improved

Permits

Number	Date Issued	Date Completed	Amount	Permit Type
2/20/18	2/20/2018	5/10/2018	\$7,800	

INSTALL ONE EGRESS WINDOW, INSTALL 5 SETS OF FRENCH INTERIOR DOORS AND ONE ENTRY DOOR ON 2ND FLR.

Map



TRIM Notice

[2020 TRIM Notice \(PDF\)](#)[2024 TRIM Notice \(PDF\)](#)

2020 Notices Only

No data available for the following modules: Commercial Buildings, Mobile Home Buildings, Exemptions.

[User Privacy Policy](#)
[GDPR Privacy Notice](#)

Last Data Upload: 5/13/2021 3:22:38 AM



1414 Albury Gumbo Limbo tree

























Karen DeMaria

From: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Sent: Thursday, April 15, 2021 11:20 AM
To: Karen DeMaria; nategubin@mac.com
Subject: 1414 Albury Street at Pearl



KICD
7' ~~8~~ 1" cur
4-20-21













Hi Karen,

Attached please find this disease impacted Gumbo Limbo. First photo indicates the tree location on the Pearl side at Albury intersection. As you can see it appears to be on city property however, there is a fence cut-back to allow for tree conservation. I believe the Gumbo to be a shared city/private tree.

Remaining photos depict slime and wood rotting fungi, basal internal decay, advantages rooting, root damage, and overall structurally compromised tree. Three quarters of the base has been compromised.

I would like to make an appointment with you, at your convenience, to view tree situation and make a determination. Thanks Karen, hope to hear from you soon! Have a great day!

Cynthia

Cynthia's Blue Palms, LLC
ISA Certified Arborist FL #0277
305/747-2142

Sent from my iPad

Karen DeMaria

From: Karen DeMaria
Sent: Wednesday, July 3, 2019 2:10 PM
To: Garry Creath
Subject: RE: Problems with gumbo limbo tree and fungus

I have received your e-mails. Thank you.

Karen

From: Garry Creath <garrycreath@gmail.com>
Sent: Tuesday, July 2, 2019 10:38 AM
To: Karen DeMaria <kdemaria@cityofkeywest-fl.gov>
Subject: Fwd: Problems with gumbo limbo tree and fungus

Garry Creath
The Paperless Agent

Cell #
512-917-7931

Begin forwarded message:

From: Garry Creath <garrycreath@gmail.com>
Date: June 27, 2019 at 1:11:55 PM EDT
To: mleonard@ufl.edu
Subject: Problems with gumbo limbo tree and fungus

Michelle,

Billy Porter treats our property and we have inherited a fungus from the previous owners that appears to be killing our gumbo limbo.

We are located at 1414 Albury Street and these mushrooms (seen in the photos and report below) return within days of us removing them.

We currently water twice per week, have rock surrounding the tree, and cannot get rid of the mushrooms.

What can we do?

Thank you,

Garry
512.917.7931

UF/IFAS/TREC Plant Diagnostic Clinic

18905 SW 280 Street

Homestead, FL 33031

Phone: 786-217-9275 Fax: 305-246-7003

Email: trec-pdc@ifas.ufl.edu**PLANT SPECIMEN DIAGNOSTIC REPORT Specimen # 2019-59**

SUBMITTED BY Michael Morello 585 Sanctuary Drive Sarasota County Longboat Key, FL 34225 michmorello@aol.com		PLANT Gumbo Limbo (<i>Bursera simaruba</i>)	METHOD SUBMITTED Walk-In												
		VARIETY	CLASS Tree												
		INTERNAL LAB NO.	LAB FEE \$40.00												
			REPLY FROM LAB January 23, 2019												
PHONE 6099471202	COUNTY MIAMI-DADE, FL	PLANT MATERIAL mushroom, soil	RECEIVED BY LAB January 18, 2019												
CONDITION UPON ARRIVAL Adequate, Sample and Information		DIAGNOSTICIAN(S) Dr. Romina Gazis													
GENERAL OBSERVATIONS Symptoms present on samples of: Gumbo Limbo Lignum Vitae Tatch Palm		DIAGNOSTIC TECHNIQUE(S) <table><tr><td><input type="checkbox"/> Bioassay</td><td><input checked="" type="checkbox"/> Microscopic</td><td><input type="checkbox"/> Selective Media</td></tr><tr><td><input type="checkbox"/> Culture</td><td><input type="checkbox"/> Molecular Analysis</td><td><input type="checkbox"/> Serological</td></tr><tr><td><input type="checkbox"/> Incubation</td><td><input checked="" type="checkbox"/> Other</td><td><input checked="" type="checkbox"/> Visual Observation</td></tr><tr><td><input type="checkbox"/> Insect ID</td><td><input type="checkbox"/> PCR</td><td></td></tr></table>		<input type="checkbox"/> Bioassay	<input checked="" type="checkbox"/> Microscopic	<input type="checkbox"/> Selective Media	<input type="checkbox"/> Culture	<input type="checkbox"/> Molecular Analysis	<input type="checkbox"/> Serological	<input type="checkbox"/> Incubation	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Visual Observation	<input type="checkbox"/> Insect ID	<input type="checkbox"/> PCR	
<input type="checkbox"/> Bioassay	<input checked="" type="checkbox"/> Microscopic	<input type="checkbox"/> Selective Media													
<input type="checkbox"/> Culture	<input type="checkbox"/> Molecular Analysis	<input type="checkbox"/> Serological													
<input type="checkbox"/> Incubation	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Visual Observation													
<input type="checkbox"/> Insect ID	<input type="checkbox"/> PCR														
REFERRAL INFORMATION Submitter requested for the location written on bags to be taken into account while sampling so that they will know the location of the fungus when the diagnosis is finalized. Samples are in multiple bags, all marked by location in the landscape.															

Diagnosis/Recommendations**Diagnosis:** wood-rotting basidiomycetes**Category:** Fungus

Comments: The client submitted multiple bags containing several species of Basidiomycota Fungi (mushroom-forming fungi). These specimens were collected from/or near Gumbo limbo, Lignun vitae, and a thatch palm.

None of the specimens belong to the genus *Ganoderma*. However, these mushrooms are wood-rotting fungi and could be facultative pathogens of hardwood trees. These type of fungi can infect trees through the roots and/or wounds. We suggest an arborist check the extent to which the presence of wood decay fungi has affected the standing trees in the area where the specimens were collected. Although there are no chemical cures for trunk and limb rots, they can be prevented by proper maintenance practices.

Wood chip landscape mulch can sustain the growth of many assorted fungi. Majority of plants prefer organic mulches such as wood chips and compost instead of inorganic mulch such as rock. Organic mulch is naturally in the process of decomposing. The decomposition improves soil structure by adding organic matter. Unfortunately, this kind of mulch is a good substrate for wood-decaying fungi.

Cultural practices that can help controlling these fungi are:

- * Avoid or reduce the use of wood-chip-mulch and reduce moisture.
- * Removal of the mushrooms or mulch replacement with an inorganic substrate is often the best management practice if these fungi become a significant nuisance in the landscape. No chemicals are recommended for control.
- * Rake or mow off the mushrooms as they appear. Aerating the mulch by raking will often help.
- * Protect trees and shrubs from injuries due to lawn equipment by managing grass and weed growth near trunks. Maintain a layer of organic mulch around tree bases, but not against trunks

Please contact your local extension agent for more information and recommendations:

Adrian Hunsberger, M.S.
Urban Horticulture Agent
Entomologist
UF/IFAS Extension Miami-Dade County
18710 SW 288th Street, Homestead FL 33030
305 248-3311 x 236
Email: aghu@ufl.edu
Miami-Dade PROS department

Always follow label instructions. Check pesticide labels for specific host information, possible phytotoxicity, rates, re-entry intervals, and resistance management information. Some crop protection products may not be registered for sale or use in all states or counties. Please check with your state or local extension service to ensure registration status.

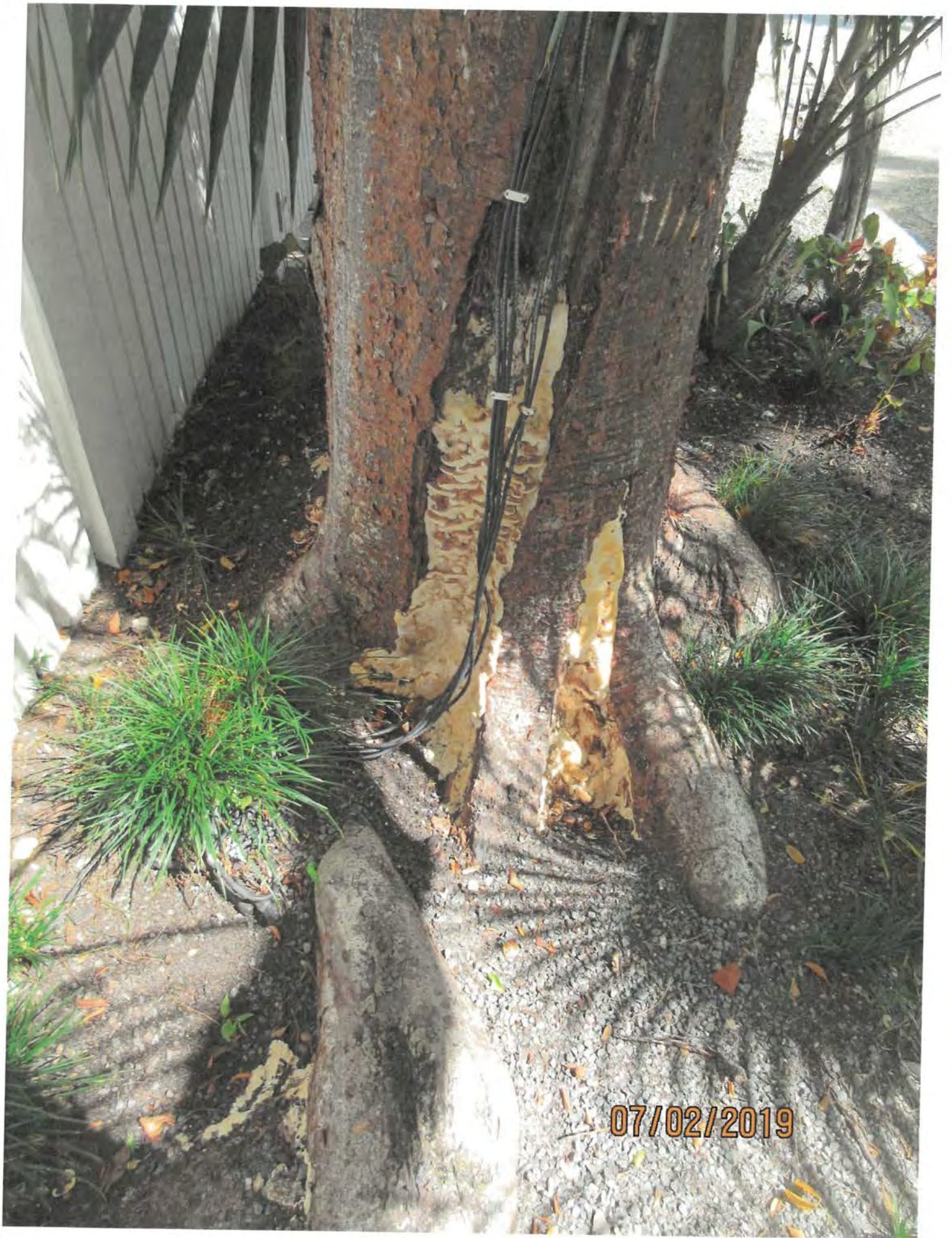
Captions for attached images

Image 17631[1].jpg: 190059



Spoke to property
owner- keep mulch
away from tree
area to help dry
it out. Watch
tree. KD







Karen DeMaria

From: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Sent: Tuesday, May 18, 2021 6:55 AM
To: Karen DeMaria
Cc: Nate Gubin
Subject: Re: 1414 Albury St Right of Way Gumbo Limbo tree

Hi Karen,

Thanks for keeping in touch. Do you want a full report for the Tree Commission i.e., measurements, description, photos etc.? And will your evaluation have a low replacement value since the disease is incurable and progressing rapidly? The landscape at Mr. Gubin's property is well vegetated, mostly native and with several endangered species so I was hoping he would get credit towards a replacement tree requirement. Mr. Gubin is also amenable to the removal of the tree once approved.

Thanks again Karen, let me know about the report as soon as you can.
Have a great day!

Cynthia

Cynthia's Blue Palms, LLC
ISA Certified Arborist FL #0277
305/747-2142

Sent from my iPad

On May 17, 2021, at 4:39 PM, Karen DeMaria <kdemaria@cityofkeywest-fl.gov> wrote:

Right now I have approval to place the application on the June 7 Tree Commission agenda.

If we get approval to remove the tree how do you want to handle the removal and required replacements?

Sincerely,

Karen

From: Karen DeMaria
Sent: Monday, May 17, 2021 8:32 AM
To: Nate Gubin <nategubin@mac.com>
Cc: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Subject: RE: 1414 Albury St Right of Way Gumbo Limbo tree

Thank you. I did submit paperwork to the City Manager's office for their signature. I am hoping for an Emergency permit approval but I have to see what management says. I'll be in touch.