



CITY OF PIEDMONT

Park Commission Agenda
Wednesday, December 5, 2018
5:30 p.m.

City Council Chambers, 120 Vista Avenue, Piedmont, CA

Call to Order Pledge of Allegiance

Public Forum This is an opportunity for members of the audience to speak on an item not on the agenda. The 10 minute period will be divided evenly between those wishing to address the Commission.

Regular Agenda

1. Approval of Park Commission Minutes for August 1, 2018 and October 3, 2018
2. Receipt of a Report on Eucalyptus Tree Assessment in Dracena Park
3. Update on Oakmont Avenue Street Tree Replacement
4. Update on Heritage Tree Nominations for 2019
5. Monthly Maintenance Report: Park, Open Space and Street Tree Update for the Months of October – November 2018

Announcements, old business and consideration of future agenda items

Adjourn

Materials related to an item on this agenda submitted to the Park Commission are available for public inspection in the Public Works Department during normal business hours.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at (510) 420-3040. Notification at least two business days preceding the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102-35.104 ADA Title II]

In accordance with G.C. Sec. 54954.2(a) this notice and agenda were posted on the City Hall bulletin board and also in the Piedmont Police Department on November 30, 2018.

DRAFT

PIEDMONT PARK COMMISSION

Regular Meeting Minutes for Wednesday, August 1, 2018

A Regular Session of the Piedmont Park Commission was held August 1, 2018, in the City Hall Council Chambers at 120 Vista Avenue. In accordance with Government Code Section 54954.2(a) the agenda for this meeting was posted for public inspection on July 27, 2018.

CALL TO ORDER Chairperson Goodman called the meeting to order at 5:30 p.m.

PLEDGE OF ALLEGIANCE Chairperson Goodman led the Pledge of Allegiance.

ROLL CALL Present: Chairperson Betsy Goodman; Commissioners Amber Brumfiel, Patty Dunlap, Jim Horner, Brian Mahany and Robin Wu

Absent: Vice Chairperson Eileen Ruby

Staff Present: Parks and Project Manager Nancy Kent and Public Works Director Chester Nakahara, and Public Works Supervisor Dave Frankel

PUBLIC FORUM There were no speakers for Public Forum.

REGULAR AGENDA

Minutes **Resolved,** that the Park Commission minutes of June 6, 2018 be approved, as submitted.

Moved by Wu, Seconded by Mahany

Ayes: Brumfiel, Dunlap, Goodman, Horner, Mahany, and Wu

Noes: None

Absent: Ruby

Drip Irrigation at Police Triangle Civic Spark Fellow Cody Erickson spoke about his work in tracking the City's irrigation water usage, and understanding overall trends. Smart software tool, the City can review water data for all of its meters as far back as 2013. The Police Triangle was chosen as a test case to see how the 2016 conversion from traditional spray heads to drip irrigation and replanting the island with drought tolerant plantings would affect water usage. A steady decline in water use had occurred since 2013 and overall, water usage for this time period was reduced by 67%. The City will now look at water use at other locations and the City will be upgrading irrigation systems which have shown to be effective.

Parks and Project Manager Nancy Kent stated Mr. Erickson is leaving the City and she and Commissioners recognized his work with the City's Climate Action Plan.

City Irrigation System Parks and Project Manager Nancy Kent indicated that she is working with Public Works staff to review existing irrigation systems and document and review components to identify future improvements. The team is holding weekly meetings at different park locations to review the system.

PUBLIC HEARING Ms. Kent indicated that 46 residents of Oakmont Avenue had submitted a **Street Tree Replacement** petition requesting the replacement of existing street trees on Oakmont Avenue.

On Oakmont Avenue

She indicated that there was almost unanimous support from residents for new trees and she described the scope of the project including trees to be planted and removed, sidewalk repairs and ramps, limited planting areas and the proposal to replant Crape Myrtle trees.

Responding to a question from Commissioner Horner, Ms. Kent provided details of the planting of the existing trees and their situation in very narrow parking strips. Public Works Supervisor Dave Frankel indicated that scallops can be poured into sidewalks to accommodate appropriate width for the trees. Ms. Kent also confirmed that, even with scallops, the appropriate width can be maintained for Americans with Disabilities Act requirements along with an appropriate planting area.

Commissioners also asked about the options a resident would have if they elect not to replace a street tree. Mr. Frankel and Ms. Kent indicated that the City would not impose trees on residents and clarified that the City works with residents to replaced damaged sidewalks.

Public Works Director Chester Nakahara indicated that care of street trees is important to staff and to the City Council. He further indicated that the Council has been generous in providing funds for street tree maintenance in each year's budget.

Public testimony was received from:

Dennis Barton stated the trees were planted in the early 1990's or late 1980's. He indicated that the neighborhood had submitted a similar petition some years ago, which was not acted upon by the City. He indicated his hope that the existing trees would be removed, noting there is a safety concern with the leaf litter.

Melanie Layman indicated that all 46 homes on Oakmont Avenue had signed the petition. She indicated that the existing trees make a big mess of Oakmont Avenue, breaking up the sidewalks which results in trip hazards. She also indicated safety concerns for children who are biking and using scooters.

The Commission discussed the request at length. Commissioners discussed the advantages and disadvantages of Tristania, Water Gums, and Crape Myrtle trees. Commissioner Jim Horner provided details on each species. Mr. Frankel provided history on the City's experience with the species in question.

Commissioners also discussed planting locations for replacement trees, given the constraints in the neighborhood, including narrow sidewalk widths as well as possible conflicts with underground utility lines. The Commission recognized the neighborhood's issues with the existing trees and the fact that certain proposed removals on this street may be difficult. The Commission also confirmed with staff that previous tree removals on other blocks had more to do with disease, low canopies, and/or trees being over-mature.

Commissioners requested information regarding cost of the project and its sequencing. Commissioners indicated that it did not wish to set a precedent that street trees would be removed simply because the neighbors didn't like them.

Ms. Kent summarized direction from the commission that this request from the Oakmont Avenue residents should be moved forward with a focused approach to identify where new trees can be planted, in conjunction with repair or

replacement of existing sidewalks, along with the extent of stump grinding and root work. She also understood the Commission's desire to understand the costs of the project.

Resolved, that the Park Commission takes the following actions regarding the petition to remove and replace existing Tristania and Liquid Amber trees on Oakmont Avenue.

1. Crape Myrtle is designated as the street tree for Oakmont Avenue.
2. Staff is directed to determine on an individual basis which trees are in decline or present a future risk to the City infrastructure and public safety.
3. Staff will work with residents to determine locations and feasibility of new plantings.
4. Staff will return to the Park Commission with recommendations for an incremental implementation removal and replacement of the existing street trees and associated other repairs for review and approval.

Moved by Horner, Seconded by Dunlap

Ayes: Brumfiel, Dunlap, Goodman, Horner, Mahany, and Wu

Noes: None

Absent: Ruby

The Commission expressed its thanks to the residents of Oakmont Avenue for bringing this petition forward and their desire and willingness to work with the City on this matter.

**Dracena Park Upper
Lawn Improvements &
On/Off Leash Signage**

Ms. Kent provided an update, stating they have almost completed the finish grading work. She described the new top soil blend, sand based sod with netting, and the installation of the same fertigation system as Hampton Park.

The medallion manufacturers are able to meet color specifications designed by the graphic artist and she will have the final artwork very soon. There will be some savings from the stamped aluminum medallions and she will return with information at the next meeting.

Chairperson Goodman asked and confirmed the medallions will be located 20 feet on center and possibly altering sides. She suggested the signage subcommittee meet out in the field to test and review conditions along paths with the goal to have them subtle but visually prominent for clarity.

**Memorial Tree
And Bench Donations**

Ms. Kent described the Memorial Tree and Bench Donation program through the Piedmont Beautification Foundation, indicating that potential donors appreciate a personalized approach to selecting locations for memorial trees and benches. Ms. Kent thanked Commissioner Patty Dunlap for her work as Piedmont Beautification Foundation's memorial tree coordinator. Ms. Kent described the installations of three new donated benches in honor of Nancy Witter-Hodgkinson. They are located at Crocker Park, at the Wildwood entry to Witter Field and at Hampton Park. She also described the planting of new Cherry trees, pink roses, and the availability of several Dogwood trees near the Community Hall to serve as memorial trees.

**Monthly Maintenance
Report – June & July**

Public Works Supervisor Dave Frankel reported on maintenance activities in the months of June and July. He described the myriad actions taken by the Public Works crew to prepare for the annual 4th of July Parade. He also discussed irrigation repair work and replacement of smart controllers as well as tree

plantings and removals, completion of fire abatement work, and release of beneficial insects.

ANNOUNCEMENTS

Ms. Kent announced the upcoming Creek to Bay Day to be held on Saturday, September 15th. Those interested in volunteering can visit www.oaklandcreektobay.org for more information.

Next Meeting: Wednesday, September 5, 2018 at 5:30 p.m. – Joint Meeting with the Recreation Commission to review revised Linda Beach Master Plan.

ADJOURNMENT

There being no further business, Chairperson Goodman adjourned the meeting at 7:05 p.m.

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PIEDMONT PARK COMMISSION

Regular Meeting Minutes for Wednesday, October 3, 2018

A Regular Session of the Piedmont Park Commission was held October 3, 2018, in the City Hall Council Chambers at 120 Vista Avenue. In accordance with Government Code Section 54954.2(a) the agenda for this meeting was posted for public inspection on September 28, 2018.

CALL TO ORDER Chairperson Goodman called the meeting to order at 5:30 p.m.

PLEDGE OF ALLEGIANCE Chairperson Goodman led the Pledge of Allegiance.

ROLL CALL Present: Chairperson Betsy Goodman; Vice Chairperson Eileen Ruby;
Commissioners Amber Brumfiel, Patty Dunlap, Brian Mahany and Robin Wu

Absent/Excused: Commissioner Jim Horner

Staff Present: Parks and Project Manager Nancy Kent and Public Works Director Chester Nakahara, Public Works Supervisor Dave Frankel, and Senior Planner Pierce Macdonald-Powell.

PUBLIC FORUM There were no speakers for public forum.

REGULAR AGENDA

Introduction of New Employee Parks and Project Manager Nancy Kent introduced Maintenance Worker Alberto Barron and provided a brief background on his experience. Mr. Barron introduced himself and said he is excited to be working for the City of Piedmont. The Commission welcomed Mr. Barron to the City.

Wireless Communication Facilities Ordinance Revisions Process Senior Planner Pierce Macdonald-Powell provided an update to the Commission regarding the steps the City has undertaken to begin the process of updating the City's code provisions regarding Wireless Communication Facilities. She discussed the types of wireless services. She discussed the federal, state and local legal framework under which wireless communication facilities are regulated.

Ms. Macdonald-Powell discussed the work by staff to strengthen the City's local control of facilities through establishment of best practices, a public engagement process and community meetings. She indicated that public hearings on the proposed revisions to the code will be scheduled for early 2019. She encouraged residents to contact her if they would like to be added to the contact list for wireless issues. She also announced the Wireless Communication Facilities Community Open House to be held on October 17, 2018 at 6:30 p.m. in the Piedmont Community Hall.

In response to Commission questions, Ms. Macdonald-Powell relayed that new rules approved by the Federal Communications Commission on September 26, 2018 will limit the ability of local governments to regulate wireless communication facilities. She detailed the areas in which cities will have regulatory control under the new rules. She indicated that staff is exploring what these new rules mean. Ms. Macdonald-Powell indicated that an influx of applications is expected under the new rules and that it is important for Piedmont to get new regulations in place as quickly as possible which would result in installations appropriate for Piedmont.

Ms. Powell answered Commission questions regarding the colocation of facilities and the timeframes in which applications must be approved under current law and the new FCC rules. She also gave information on the application fees and rent amounts that cities may charge under the new FCC rules.

The Commission thanked Ms. Macdonald-Powell for the presentation and indicated that it was looking forward to participating in the upcoming process of code revisions. Commissioners agreed there were many implications from the new rules.

Oakmont Avenue Tree Replacement

Ms. Kent reminded the Commission of its consideration of this matter in August. She indicated that there was significant momentum for the project.

She gave a status update, indicating that staff is working to minimize planting conflicts with underground utilities, identify sidewalk sections in need of removal or repair, and that staff would work with residents to receive feedback and to identify location and number of trees to be planted. Responding to Commissioners' questions, Ms. Kent explained possible mechanisms for funding for the project.

Dracena Park Upper Lawn Improvements & On/Off Leash Signage

Ms. Kent indicated significant progress in the on-off leash signage for Dracena Park. She provided the Commission an example of the stainless steel medallions which will be placed on the trails in Dracena. Ms. Kent indicated that staff has provided the last signage edits to the graphic designer and that revisions are being made to conform the signs to the ordinance passed by the City Council. Upon receipt of the final sign design, temporary signs will be installed and the final signs will be manufactured.

Ms. Kent indicated that the fencing around the physical improvements to the lawn will be removed once the signage is installed and the new ordinance is in effect. She indicated that the plantings are doing well.

The Commission thanked Ms. Kent for the update.

Linda Beach Master Plan

Ms. Kent updated the Commission on the status of the development of the Linda Beach Master Plan. She indicated that since the September 5th joint Park Commission and Recreation Commission meeting, a neighborhood meeting was held for residents living near the park, which was well attended. Productive comments were provided by neighbors.

Ideas from the community meeting as well as Commission and staff feedback will be integrated into the next iteration of the master plan, which will be presented at a second joint Park Commission and Recreation Commission meeting on November 7th.

The Commission asked for details about the comments provided at the Community meeting, which Ms. Kent indicated she would provide.

2019 Heritage Tree Nominations

Commissioner Dunlap provided the Commission with ideas on when to open nominations for 2019 Heritage Trees. She suggested that the Arbor Day celebration should be held in mid to late April and the dates for the nominations should be built back from that date. She suggested opening nominations for the 2019 Heritage Trees on Friday, February 1, 2019, and close the nomination period on March 18, 2019. She indicated that this schedule should also allow staff enough time to review the nominations and provide recommendations in accordance with the City's Heritage

tree policy. The Commission would make the designations at its April 3, 2019 meeting, which is similar to what was done last year.

Chairperson Goodman suggested the subcommittee of Commissioners Dunlap, Horner, and Wu meet to make a proposal on the best way to handle the application process in the next few months to formalize it and present it to the Commission at its January meeting.

Future Meeting Dates

Chairperson Goodman indicated that as the Park Commission and Recreation Commission have held two joint meetings this year, she suggested that the Park Commission hold a short meeting on December 5th to receive updates. The Commission agreed to hold this meeting. Chairperson Goodman also asked Commissioners to provide their availability for the January meeting.

Monthly Maintenance Report – August-Sept.

Public Works Supervisor Dave Frankel reported on routine park maintenance, irrigation repair work, and upgrade of irrigation systems. He indicated that he was very happy to have Alberto Barron on the crew as he is an irrigation specialist. He discussed cleaning of Dracena park pathways, clearance of debris on hillsides and walkways, pruning park trees, and tree plantings. Mr. Frankel indicated that he and Ms. Kent are working on a tree planting schedule and design process.

Mr. Frankel reported on the removal of a large coast live oak in Piedmont Park as well as the removal of various trees on Hardwick Avenue. He indicated that pruning of younger trees was under way and the annual street tree pruning contract is being developed along with the annual street sweeping schedule.

Public Works Director Chester Nakahara reported on finalizing the necklace of lights on the Oakland Avenue Bridge.

ANNOUNCEMENTS

Chairperson Goodman reminded Commissioners of the wireless communication facilities Open House will be held on October 17, 2018 at 6:30 p.m. at the Piedmont Community Hall at 711 Highland Avenue.

Next Meeting: Wednesday, November 7, 2018, Joint Meeting with the Recreation Commission to review Linda Beach Master Plan.

ADJOURNMENT

There being no further business, Chairperson Goodman adjourned the meeting at 6:39 p.m.

City of Piedmont
PARK COMMISSION AGENDA REPORT

DATE: December 5, 2018

TO: Park Commissioners

FROM: Nancy B. Kent, Parks and Project Manager

SUBJECT: Receipt of a Report on Eucalyptus Tree Assessment in Dracena Park

RECOMMENDATION

This is an informational item. No action is required.

BACKGROUND

In response to residents' requests for information on the condition of the Eucalyptus trees in upper Dracena Park, the City obtained an independent arborist report in October 2018, from HortScience/Barlett Consulting. The report, entitled Eucalyptus Tree Risk Assessment-Dracena Park, looked at seventeen Eucalyptus trees, fifteen blue gum (*Eucalyptus globulus*) and two manna gum (*Eucalyptus Vimin*) trees located near the intersection of Dracena Ave. and Park Way. The report provides an assessment of tree health and structural conditions, assessment of tree risk and management recommendations for the seventeen trees. All of the trees in the study have been tagged at the base of the trunk with a tag number that correlates with the Eucalyptus Assessment Map. (EXHIBIT A)

The report recommends the following:

- Removal of blue gum (#45) due to *high* risk
- Removal of blue gum (#55) and manna gum (60) due to *moderate* risk
- Prune blue gum (#50) to remove and/ or reduce lateral branches that extend over Dracena Ave.
- Removal of blue gum (46) due to its increased exposure when blue gum (#45) is removed
- Continued monitoring of tree health and structure during routine management operations. Key elements to be considered include: 1) change in orientation such as increased leaning or bowed stems 2) development of cracks in the lower trunk and between stems 3) appearance of fungal fruiting bodies and 4) broken and partially attached branches hung-up in the crown.

The City's first concern is for the safety of neighbors and park users and Public Works is in the process of securing bids for tree removals and will evaluate the best way to implement the recommendations in the report.

City of Piedmont

**Eucalyptus Tree Risk Assessment
Dracena Park**

Prepared for:
City of Piedmont
120 Vista Avenue
Piedmont CA 94611

Prepared by:
HortScience | Bartlett Consulting
325 Ray Street
Pleasanton, CA 94566

November 3, 2018

Eucalyptus Tree Risk Assessment

Dracena Park
City of Piedmont

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Eucalyptus Tree Risk Assessment

Dracena Park City of Piedmont

Introduction

The City of Piedmont requested that HortScience | Bartlett Consulting, divisions of the F.A. Bartlett Tree Expert Co., assess and evaluate the risk associated with eucalyptus located in Dracena Park. This report provides the following:

1. Assessment of tree health and structural condition.
2. Assessment of tree risk.
3. Management recommendations.

Assessment Procedures

Trees were assessed in October 2018. The assessment procedure consisted of a Level 2 inspection as described in the *Best Management Practices: Eucalyptus Tree Risk Assessment* (Smiley *et al.* 2017. 2nd edition. International Society of Arboriculture). A Level 2 inspection is a 360° visual assessment from the ground.

Risk is described in the Best Management Practices publication as the combination of likelihood of a tree failure striking people or property and the consequences of that failure. Those assessments are then combined into a risk rating.

Trees were evaluated as follows:

1. Identifying the tree as to species.
2. Tagging each tree with an identifying number and recording its location on a map.
3. Measuring the trunk diameter at a point 54" above grade.
4. Evaluating the health and structural condition using a scale of 0 – 5:
 - 5** - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
 - 4** - Tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.
 - 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
 - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
 - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
 - 0** – Tree is dead.
5. Commenting on the presence of defects in structure, insects or diseases and other aspects of development.
6. Identify the part of the tree most likely to fail and rate the likelihood for failure (improbable, possible, probable, imminent).
7. Identify what would be struck if that part failed (targets: people, buildings, cars).

8. Rate the likelihood that a target (person or structure) would be present at the time of failure (very low, low, medium, and high). This assessment considers the frequency with which a person or vehicle is present, i.e. its occupancy.
9. Assess the likelihood of the tree failure impacting the specific target (unlikely, somewhat likely, likely, very likely).
10. Rate the consequences if a person or property were struck by that tree part (negligible, minor, significant, severe).
11. Combine the ratings for likelihood of failure and striking the target and the consequences of the failure to identify the risk (low, moderate, high, extreme).
12. Describe treatments (e.g. pruning, tree removal) that would reduce the risk and assess the residual risk that would remain if that treatment were applied.

One failure mode (tree part and target) was assessed for each tree. The inspection interval was 2 years.

Description of Trees

Seventeen trees were assessed: 15 blue gum (*Eucalyptus globulus*) and two manna gum (*E. viminalis*). Trees were concentrated in the north side of Dracena Park near the intersection of Park Way and Dracena Avenue (Photo 1). Also present were a number of coast live oak (*Quercus agrifolia*) and coast redwood (*Sequoia sempervirens*) trees.

Photo 1. Looking north along Dracena Way. Blue gum trees in the park are on the right.

As is often typical with blue gums, the large diameter trees were in better condition than small. Blue gums #51, 54, 57 and 59 were in poor condition and had been suppressed in development. Blue gums #47, 48 and 49 were in good condition with well-developed crowns of foliage. Seven trees were in fair condition. Factors such as overall form and structure, the presence of codominant and multiple attachments, and leaning or bowed stems were important to overall tree condition (Photos 2 and 3). Overhead utility lines are present on the west side of Dracena Avenue. Blue gums near the lines had been side-trimmed in order to maintain clearance to the conductors.

Photo 2. Looking northeast from bridge at the upper crown of blue gum #59. Two stems arose high in the crown, one of which was bowed towards the bridge.

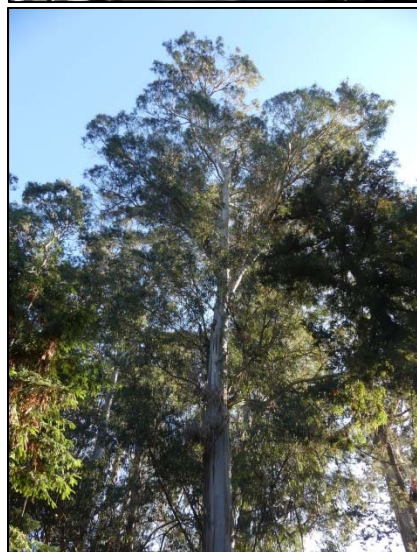
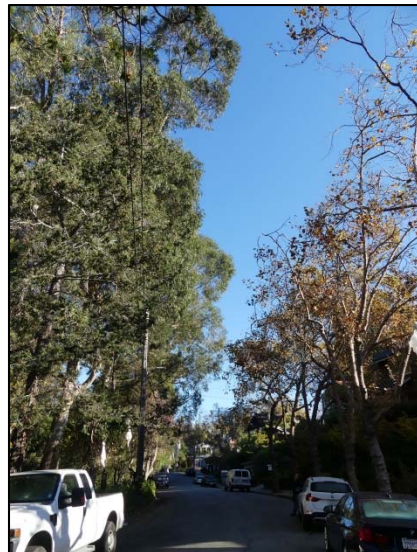


Photo 3. Looking north at blue gums #45 (right) and 46 (left). Note strong lean toward the street on tree #45 and small irregular crown on tree #46.

Blue gums varied in height and diameter. Trunk diameters varied from 11- to 61-inches. Five blue gums were less than 40-inches; five were between 41- and 50-inches, and five were greater than 50-inches. Small diameter trees were shorter in height than large diameter trees. Despite the differences in size, blue gums were mature in development and had likely been planted at the same time. Over time, some trees had grown faster and overtopped their neighbors, suppressing their development.



Manna gums #60 and 61 were located on the west side of the park. Both were in fair condition. Tree #60 was a large (95-inches) mature tree with three large stems that arose at 8-feet above the ground (Photo 4). The stems were not vertical in orientation but bowed apart of one another, creating a gap in the center of the crown. Manna gum #61 was 47-inches (Photo 5). Two stems arose at 8-feet. One of these was vertical in orientation but had been topped. Numerous small sprouts arose at the topping point.



Photo 4. Manna gum #60. Note three bowed stems.



Photo 5. Manna gum #61 had been topped (red circle).

Descriptions of each tree can be found in the **Tree Assessment Form** and approximate locations are shown on the **Tree Assessment Plan** (see exhibits).

Tree Risk Assessment

Tree Risk Assessment is the systematic process of evaluating the potential for a tree or one of its parts to fail and, in so doing, injure people or damage property. All trees have the potential to fail. The degree of risk will vary with the size of the tree, type and location of the defect, tree species and the nature of the target. I have used the terminology found in the Best Management Practices.

Risk is an assessment of the combination of likelihood of a tree failure striking people or property, and the consequences of that failure. Risk is categorized in four ways: low, moderate, high and extreme. Trees rated as low may benefit from mitigation and monitoring. Immediate action is not normally required. In contrast, a rating of extreme involves a tree in imminent danger of failing, where the likelihood impacting a target is high and the consequences would be severe. In general, the rating defines a priority for action.

At Dracena Park, target occupancy was assessed as follows:

- | | |
|--------------------------------|------------|
| ▪ Structures | Constant |
| ▪ Streets | Constant |
| ▪ Vehicle, parked | Frequent |
| ▪ Person on street or sidewalk | Occasional |
| ▪ Person on path in park | Occasional |
| ▪ Landscape | Rare |

Risk ratings were as follows:

- **Extreme.** No trees were identified as having *extreme* risk.
- **High.** Blue gum #45 was identified as having *high* risk.
- **Moderate.** Blue gums #50 and 55, and manna gum #60 were identified as having *moderate* risk.
- **Low.** The remaining 13 trees were identified as having *low* risk.

Risk ratings for individual trees are found in the attached **Tree Risk Ratings Form**. No trees were identified as being in imminent danger of failing.

Summary and Recommendations

Seventeen eucalyptus trees were assessed at the north end of Dracena Park including 15 blue gum and two manna gum. Trees varied widely in diameter and height but were likely to be the same age. As a general observation, large diameter trees were in better condition than small. Common defects in structure included leaning and bowed stems, more than one stem, loss of the central leader, and the presence of heavy lateral branches.

The risk associated with each tree was assessed using the terminology and methods described in *Best Management Practices: Tree Risk Assessment* through a Level 2 Inspection. Risk was rated as high for one tree (blue gum #45), moderate for three (blue gums #50, 55; and manna gum #60) and low for 13 trees. No trees received a risk rating of extreme.

For both species of eucalyptus, whole tree failures are most likely to occur during periods of rain and strong winds. Patterns of use at the Dracena Park may vary during severe storms. Activity along nearby streets is unlikely to be affected by weather. Both species experience branch failures throughout the year, including during summer.

Based on our observations and assessment, I recommend the following:

1. Remove blue gum #45 due to its *high* risk.
2. Remove blue gum #55 and manna gum #60 due to their *moderate* risk.
3. Prune blue gum #50 to remove and/or reduce lateral branches that extend over Dracena Avenue.
4. Remove blue gum #46 due to its increased exposure when blue gum #45 is removed.
5. Continue to monitor tree health and structure during routine management operations. Key elements to be considered include: 1) change in orientation such as increase in leaning or bowed stems, 2) development of cracks in the lower trunk and between stems, 3) appearance of fungal fruiting bodies, and 4) broken and partially attached branches hung-up in the crown.

Our procedures focused on trees with observable defects. Failure of apparently defect-free trees does occur, especially during storm events. Wind forces, for example, can exceed the strength of defect-free wood causing branches and trunks to break. Wind forces coupled with rain can saturate soils, reducing their ability to hold roots, and blow over defect-free trees. Although we cannot predict all failures, identifying those trees with observable defects is a critical component of enhancing public safety.

Trees also change over time. Our inspection represents the condition of the tree at the time of inspection. Biannual tree inspections are recommended to identify changes to tree health and structure. In addition, trees should be inspected after storms of unusual severity to evaluate damage and structural changes. Initiating these inspections is the responsibility of the City of Piedmont.

HortScience, Inc.



James R. Clark, Ph.D.
ISA Certified Arborist WE-0846A
ASCA Registered Consulting Arborist #357

ATTACHMENTS

Tree Assessment Form

Tree Risk Rankings

Tree Assessment Plan

Tree Risk Ratings

Dracena Park Eucalyptus
 City of Piedmont
 Piedmont CA
 October 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	Part of tree		RISK RATING		Overall likelihood	Consequences	Rating
				Target		Likelihood of failure	Likelihood of impact			
45	Blue gum	55	3	Whole tree	House	Probable	High	Likely	Significant	High
46	Blue gum	32	3	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
47	Blue gum	61	4	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
48	Blue gum	49	4	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
49	Blue gum	53	4	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
50	Blue gum	44,33	3	Heavy lateral branch	Parked car	Probable	Medium	Somewhat likely	Significant	Moderate
51	Blue gum	23	2	Whole tree	Person on path	Possible	Low	Unlikely	Severe	Low
52	Blue gum	53,33	3	53" stem	Person on path	Probable	Low	Unlikely	Severe	Low
53	Blue gum	45	3	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
54	Blue gum	11	1	Whole tree	Person on path	Possible	Low	Unlikely	Severe	Low
55	Blue gum	50	3	Whole tree	House	Possible	High	Somewhat likely	Significant	Moderate
56	Blue gum	45	2	Whole tree	Person on path	Possible	Low	Unlikely	Severe	Low
57	Blue gum	27	2	Whole tree	Person on path	Possible	Low	Unlikely	Severe	Low
58	Blue gum	53	3	Stem	Person on path	Possible	Low	Unlikely	Severe	Low
59	Blue gum	32	2	Branch	Person on path	Possible	Low	Unlikely	Severe	Low
60	Manna gum	95	3	Stem	Parked car	Probable	Medium	Somewhat likely	Significant	Moderate
61	Manna gum	47	3	Branch	Person on path	Possible	Low	Unlikely	Severe	Low

Tree Assessment

Dracena Park Eucalyptus
 City of Piedmont
 Piedmont CA
 October 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
45	Blue gum	55	3	Low	Leans E. with gap to crown of #45; adj. asphalt cracked badly; full dense crown.
46	Blue gum	32	3	Low	Slight lean & one-sided to S.; lost central leader high in crown; rangy form.
47	Blue gum	61	4	Moderate	Codominant trunks @ 7'; both stems vertical; heavy lateral branch high in crown on S.; no target.
48	Blue gum	49	4	Moderate	Good form; codominant trunks @ top of tree.
49	Blue gum	53	4	Moderate	High narrow crown; long seam on NW.; huge base; adj. asphalt cracked.
50	Blue gum	44,33	3	Low	Codominant trunks @ base; 44" stem vertical but lost central leader high in crown; 33" slight bow S.; lost central leader with heavy lateral branch @ attachment.
51	Blue gum	23	2	Low	Suppressed; trunk wound; narrow crown.
52	Blue gum	53,33	3	Low	Codominant trunks @ 3' with 3rd stem x'd; cavity in center of attachment; 53" stem leans W.; lower trunk pillows over stump; lost central leader high in crown; 33" slight lean E.; ext. exposed roots on W.
53	Blue gum	45	3	Low	Very small high crown; lost central leader @ top.
54	Blue gum	11	1	Low	Suppressed.
55	Blue gum	50	3	Low	Adj. asphalt cracked; high crown; leaning & one-sided to E.; lost central leader; crown a series of horizontal scaffolds that don't extend over street; all have been reduced except @ the very top.
56	Blue gum	45	2	Low	Small high crown; leans S.; lifted with wounds.
57	Blue gum	27	2	Low	Suppressed.

Tree Assessment

Dracena Park Eucalyptus
 City of Piedmont
 Piedmont CA
 October 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
58	Blue gum	53	3	Low	Codominant trunks high in crown; 1 stem vertical & dominant but leans S. high in crown; 2nd leans SE. with gap in crown; branch failures.
59	Blue gum	32	2	Low	Adj. asphalt cracked; suppressed; small one-sided upper crown bowed S.; asymmetric form; base outside of dripline.
60	Manna gum	95	3	Low	3 stems; failure would take out power pole.
61	Manna gum	47	3	Low	Codominant trunks @ 8'; 1 stem vertical & dominant; topped high in crown with num. sprouts; 2nd stem on E. lost central leader.

Eucalyptus Assessment Map

Dracena Park
Piedmont, CA

Prepared for:
The City of Piedmont

October 2018

No Scale
Removal: 45, 46, 55, 60
Prune: 50

Notes:

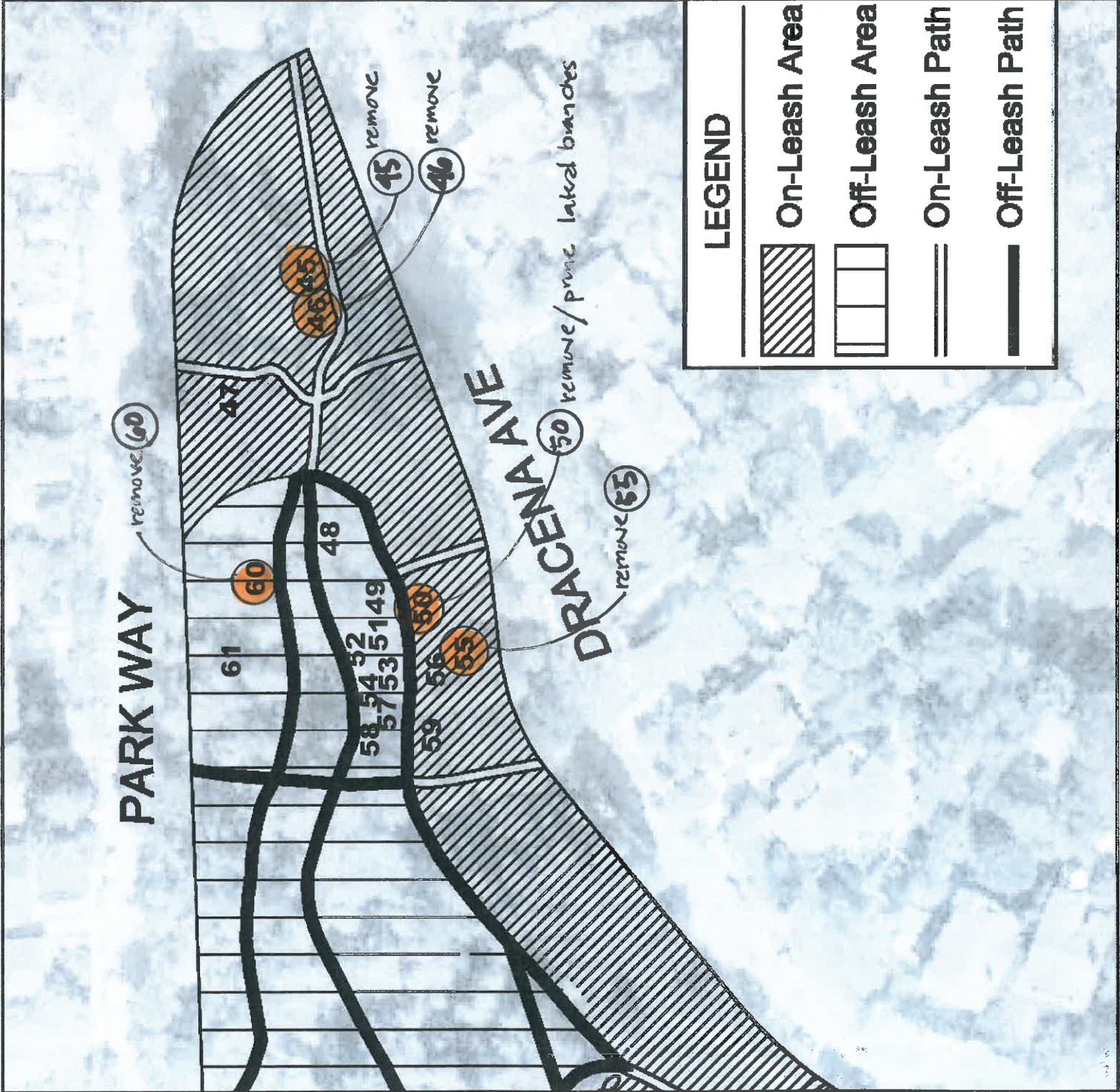
Base map provided by:
EBMUD
Oakland, CA

Numbered tree locations are approximate





EXHIBIT A



325 Ray Street
Pleasanton, California 94566
Phone 925.484.0211
Fax 925.484.0596



LEGEND

-  On-Leash Area
-  Off-Leash Area
-  On-Leash Path
-  Off-Leash Path

CITY OF PIEDMONT CALIFORNIA



PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that the Piedmont Park Commission will receive a briefing on an arborist's report entitled Eucalyptus Tree Assessment- Dracena Park.

The City hired consulting arborists HortScience/Barlett Consulting to prepare a report on seventeen Eucalyptus trees, fifteen blue gum (*Eucalyptus globulus*) and two manna gum (*Eucalyptus Vimin*) trees located in upper Dracena Park near the intersection of Dracena Ave. and Park Way. The report provides an assessment of tree health and structural conditions, assessment of tree risk and management recommendations for the seventeen trees.

The briefing will be given to the Park Commission at its regular meeting on **Wednesday, December 5, 2018 at 5:30 p.m. in the City Council Chambers, located in City Hall, 120 Vista Avenue.**

You are invited to attend the Park Commission meeting and express your opinion. You may choose to write your opinion and address the response to the Piedmont Park Commission, c/o Nancy Kent, 120 Vista Avenue, Piedmont, CA 94611 or send an e-mail to nkent@piedmont.ca.gov.

All Park Commission meetings, are televised live on KCOM-TV, Channel 27, the City's government access TV station. The meeting will also be streamed live on the City's web site at: <http://www.ci.piedmont.ca.us/video>.

For further information, contact Parks & Project Manager Nancy Kent at (510) 420-3064 or via email at nkent@piedmont.ca.gov.

Posted: November 30, 2018

City of Piedmont
PARK COMMISSION AGENDA REPORT

DATE: December 5, 2018

TO: Park Commissioners

FROM: Nancy B. Kent, Parks and Project Manager

SUBJECT: Update on Oakmont Avenue Street Tree Replacement

RECOMMENDATION

This is an informational item. No action is required.

BACKGROUND

In order to move forward the recommendations of the Park Commission, staff has completed the following tasks for new street tree on Oakmont Ave.:

- **Reviewed existing utilities and impacts on new tree locations:** The underground utilities have been marked by PG &E. Public Works staff has walked the site and adjusted potential new tree locations to avoid existing utilities.
- **Collected data on the costs associated with tree removal, sidewalk removal, repair and new paving installation:** Staff has received bids for tree removals. In preparation for soliciting prices for concrete sidewalk work, Dave Frankel and Nancy Kent have marked in the field tentative locations for new trees and panels of sidewalk that will need to be removed and replaced to accommodate the new trees. In the coming weeks, staff will request concrete paving and tree installation costs. Staff has a preliminary estimate of :
 - 22-26 trees to be removed
 - 29 -34 new street trees to be installed
 - Approximately 1450-1550 S.F. of sidewalk removal and replacement.

It is anticipated that due to the extensive amount of sidewalk removal and replacement, this project will need to be phased. As costs are finalized and reviewed, staff will also prepare options for an incremental implementation of the street tree planting and sidewalk work.