

City of Fontana

Arborist Report- Jurupa Ave/Juniper Ave

Tree Evaluation

Prepared By:



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Report Overview:

This report provides an evaluation and recommendations for a variety of tree species for a 48.43-acre property located north of Jurupa Ave. in the City of Fontana as further described below. There are approximately (300) trees that were evaluated for this report. The purpose of this report is to provide an evaluation on the health and value of these trees in order to identify which trees should remain on the project site, either in their present location or if that is not possible, relocate to another area or removed with mitigation, if required. This report provides recommendations for any Heritage, Specimen or Significant trees located at the project site per the Fontana Municipal Code Section 28-63 through Section 28-67.

Location of Property:

This property is located in the City of Fontana, California. The 48.43 acre site is bordered by Santa Ana Avenue, Cypress Avenue, Juniper Avenue and Jurupa Avenue.

Location of Trees:

The trees that were evaluated are located sporadically throughout the property. It seems as though majority of the trees were planted by homeowners on their own properties with the exception of a few small rows of Eucalyptus trees that were most likely planted as a wind break and/or as a property border.

Species, Size and Age of Trees:

There are approximately 30 different species of trees onsite. The majority of trees on the site are Eucalyptus globulus. This species of Eucalyptus are native to Australia and may have been used as a wind break, or to designate property lines. The heights of the Eucalyptus trees vary, but majority of them are approximately 60-75+ feet tall, and the average DBH (diameter at breast height) is 18". Based on the size of the trees, it can be estimated that they are about 40-50 years old.

Throughout the site, there are several different species of trees that all seem to have been planted by homeowners. Some of these species include fruit trees such as citrus and pomegranate.

Other species include CA Pepper (*Schinus molle*), Carrotwood (*Cupaniopsis anacardioides*), *Ficus nitida* (*Ficus microcarpa*) and Palm (*Washingtonia filifera*). A full list of species is provided below.

<u>Species</u>	<u>Counts</u>	<u>DBH (approx.)</u>	<u>Height</u>
<i>Ulmus parvifolia</i>	2	10" - 17"	20' - 40'
<i>Schinus molle</i>	14	10" - 20"	15' - 50'
<i>Washingtonia</i>	10	8" - 12"	10' - 15'
<i>Morus</i>	18	12" - 20"	15' - 30'
<i>Juniperus</i>	7	Multi Trunk	15' - 30'
<i>Cupressus</i>	9	6" - 12"	20' - 35'
Citrus	9	6" - 18"	5' - 15'
<i>Bauhinia</i>	2	8" - 16"	10' - 15'
<i>Punica granatum</i>	5	6" - 12"	5' - 10'
<i>Eucalyptus globulus</i>	59	15" - 20"	50' - 75'
<i>Fraxinus</i>	5	12" - 20"	20' - 40'
<i>Shinus molle</i>	15	10" - 18"	15' - 45'
<i>Cupaniopsis</i>	8	10" - 18"	15' - 25'
<i>Olea</i>	6	6" - 14"	7' - 15'
<i>Juglan nigra</i>	19	10" - 18"	12' - 25'
<i>Shinus terebinthifolia</i>	8	12" - 20"	15' - 30'
<i>Ficus</i>	6	12" - 18"	15' - 30'
<i>Jacaranda</i>	8	12" - 18"	15' - 30'
<i>Pinus halepensis</i>	1	22" - 26"	40' - 60'
<i>Koelrueteria</i>	10	12" - 18"	15' - 30'
<i>Tamarix</i>	3	12" - 20"	20' - 40'
<i>Ceiba speciosa</i>	3	14" - 20"	15' - 30'
<i>Syagrus romanzoffiana</i>	2	12" - 16"	15' - 20'
<i>Albizia julibrissian</i>	16	6" - 16"	10' - 20'
<i>Ailanthus altissima</i>	5	8" - 16"	15' - 30'
<i>Lagerstroemia</i>	2	8" - 14"	6' - 15'
<i>Prosopis pallida</i>	1	8" - 12"	10' - 15'

There are also several dead unidentifiable trees throughout some of the properties on the site.

Tree Health and Condition:

Majority of the trees throughout the site are in severe decline. Several of them are dead and a few are in decent condition. None of the Eucalyptus trees on the property have been properly maintained. Some have been improperly pruned in the past (topped), and have not had a consistent water supply. Both of these items are key in maintaining the health and longevity of any tree.

There are multiple Eastern Black Walnut trees onsite, and most of them are in poor condition. Majority of these Walnut trees are dead and the rest are in severe decline. This is most likely due to no irrigation and improper maintenance which led to the infestation of pests.

The condition of the rest of the trees found on site ranges from fair to poor (or dead) condition. The fruiting trees, such as Citrus and Pomegranate that were planted by homeowners are in fair condition. These trees once had a consistent water supply, however they are no longer being properly maintained or irrigated. The California Pepper trees found onsite are also in fair condition. These trees can survive with little water so they have been able to live in the environment they are in. One Pepper tree does have a large limb that has failed which can lead to pests or disease. None of the trees mentioned above are candidates for relocation due to the conditions they are in.

City Heritage, Significant, and Specimen Trees:

The City code (Article III, Section 28-63 Definitions) addresses protected trees in the City of Fontana. There are two types of trees that may fall under the definition of a protected tree, as noted below:

- Heritage tree - *(2) Is representative of a significant period of the city's growth or development (windrow tree, European Olive tree); ...*
- Significant tree - the *Juglana californica* (Southern California black walnut) is listed.

The site contains 59 *Eucalyptus globulus* trees which could be considered to be windrow trees. As noted previously, these trees have not been properly maintained nor have they had a consistent water, and some have been improperly pruned (topped). As a result, none of the *Eucalyptus* trees are in a condition to be preserved.

The site also contains 19 black walnut trees, however, these are Eastern Black Walnut (*Juglan nigra*) trees, not Southern California Black Walnut trees. Therefore, the black walnut trees on the site do not qualify as significant trees.

Recommendations:

The vast majority of the trees onsite are currently not viable to be maintained in place. This is primarily due to the fact that they have been neglected for years. The lack of irrigation and proper tree maintenance has resulted in numerous dead trees. Most of the remaining other trees are showing signs of decline in health. I have determined that the majority of the trees located onsite appear to be in poor condition. I recommend that any tree that is in severe decline be removed. I also recommend the removal of all dead trees since they pose potential liability should they fall. I do not recommend the relocation of any trees onsite due to the condition they are currently in.

Conclusion:

Pursuant to the Fontana Municipal Code Article II, Section 28—63, I have determined that there are no significant or specimen trees on the project site. The eucalyptus trees that could potentially be deemed heritage trees, are in severe decline or dead. None of the trees onsite are in excellent condition or have a condition rating greater than 70%. I have determined that no trees need any protective measures to preserve the health of the tree during the development or redevelopment activity. I have also determined that no trees are viable candidates for relocation due to the condition they are currently in.

Should you have any questions or comments regarding this report, please feel free to contact me at your convenience at (714) 986-2400.

Respectfully,

Job Delgadillo

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Dead and Declining Walnut



Walnut in Severe Decline



Failed CA Pepper Limb



Unmaintained Palms



Tree in Decline



Aerial of Site