



**Customer
Information:**

City of Burbank
Attn: Mike del Campo
(818) 238-5343
mdelcampo@burbankca.gov
Aleppo Pine Tree Inspection
150 N. Third St., 3rd Floor
Burbank, CA 91502-1232

ARBORIST REPORT

☐ Residential ☒ Commercial ☐ HOA ☐ Other:
☐ New Client ☒ Existing Client ☐ New Job Site/Property

Date: 09/13/2023

Summary

Tree risk assessment for (122) Aleppo Pine trees (*Schinus molle*) located in the city of Burbank. There are concerns about failing trees or tree parts and has requested a tree risk assessment be conducted on all Aleppo Pine trees for general health and safety concerns (potential failures). There has been a history of tree failures in the past year with two (2) complete tree failures occurring during rainy weather conditions. There were no reported injuries but there was a significant amount of property damage. The trees in question were planted roughly 100+ years ago when the properties were first developed. These trees are located in a residential neighborhood with active pedestrian traffic and possible 24-hour occupancy in the homes and businesses located in the target zone. Trees are planted in park strips. The project's objectives and requirements are referred to as the "Scope of Work" and stated below.

Scope of Work

The goals of the assessment are to:

- Evaluate the current health, conditions, and defects of the trees listed.
- Identify and evaluate potential targets, tree parts, and likelihood of failure.
- Assess and categorize overall tree risk.
- Make recommendations/mitigation options for hazardous trees and any additional recommendations.

Management's acceptable risk (amount of risk manager is willing to accept) has been determined to be very low. Per the client's request, any hazardous trees that are deemed unsafe or expected to fail under normal or extreme weather conditions within the next five years will be recommended for removal or mitigation (i.e. trimming, treatment, etc.).

Level(s) of Assessment & Job Details

A limited visual assessment (level 1) will be conducted on all requested tree species to identify trees with imminent, probable, or possible likelihood of failures. Visual assessments will be done via drive-by (car) and walk-by (on foot) to look for obvious defects or other conditions of concern. Any trees that require a higher level of assessment (level 2- Basic Assessment) due to significant defects will be identified and conducted.

Tools to be used for level 1 & 2 assessments includes:

- Measuring tools
- Binoculars
- Magnifying glass
- Probe and soil probe
- Compass
- Camera

Limitations

I relied upon information of the site and subject tree(s) that you have provided to me and assumed all the information to be correct and true. If any of the information is found to be inaccurate, the conclusion of the final report may be invalidated. Observations and findings are valid up to the day the assessment(s) is performed and cannot predict natural phenomenon, unexpected events, or tree health issues (i.e. pest infestations, diseases, cultural practices, etc.) that may arise later resulting in tree failure or decline.

My observations will be based only on a visual inspection of the tree(s) at the time of inspection. Any issues buried within the trees or ground that are not visible will require specialists or a Level 3 assessment.

All trees are associated with some levels of risk. According to Dunster, Smiley, Matheny and Lilly (2017), "It is impossible to maintain trees free of risk; some level of risk must be accepted to experience the benefits that trees provide." Trees are living organisms and cannot predict with certainty when, where or how a tree will fail in the future. However, trees and the risks they carry can be managed at acceptable levels, but they cannot be entirely eliminated. The only way to do so is to remove all trees.

Arborists use their education, knowledge, skills, and experience to inspect trees, make recommendations to enhance their beauty and health, and reduce potential risks that are associated with living trees. Often times conditions are hidden within the trees or below ground that are not always visible. Trees and the environment they are situated in are dynamic and change throughout the year. Arborists cannot guarantee the health or safety of the tree(s) assessed under all circumstances, or within the specified time frame. Cultural practices, weather conditions (abiotic) or living organisms (biotic) can contribute to the decline or failure of tree(s) and tree parts. Mediation recommendations are based on the arborist's experience, professional judgement and opinion, and up to the clients to choose or disregard the provided information and/or recommendations. There is no guarantee, expressed or implied, that tree failure will not occur in the near future.

Recommendations

After inspecting and reviewing the list of addresses with Aleppo pine trees throughout the city, I am recommending the majority of the trees to be removed. In general, the trees inspected have a multitude of problems including poor structure, included bark, severe leans, canopy die back, and in some cases, borers compromising the structures, the average age of the trees, and limited root space. I have created a scoring table to organize the list of trees into four categories to correspond with the attached excel sheet of each tree's evaluation. Three (3) trees I recommend removing as soon as possible due to the imminent danger they propose to the potential targets in the residential area. These three (3) trees are marked as Urgent on the attached excel chart. Forty-seven (47) of the trees I have recommended as the next hazardous due to their overall health, structure, and potential targets if they were to fail. These trees have been scored with a number 3 on the attached excel chart. I recommend this group be removed before severe weather seasons. Fifty-four (54) of the trees I recommend as a third stage of potential removals due to their overall health, structure, and potential targets if they were to fail. These trees have been scored with a number 2 on the attached excel chart. Many of these trees need to have the canopy heavily reduced due to large over extended branches and large dead/dying limbs that need to be removed. I recommend this work be completed before severe weather seasons. Trees should be inspected and monitored bi-annually after canopy reduction is completed over the next 1-3 years. If canopy reduction is not an option, I recommend to be removed within the next physical year. The final eighteen (18) trees I am recommending to be monitored after any dead branches are removed. These trees have been scored with a number 1 on the attached excel chart. I recommend yearly inspections to monitor this set of trees for stressors and structural warnings. These eighteen (18) trees should be put on a planned list of removals in the next 3-5 years if their condition does not change.

Aleppo Pine Trees with a Score of “Urgent”

434 N. Niagara St.
400 S. Keystone St.
113 N. Niagara St.

Aleppo Pine Trees with a Score of “3”

2920 W. Verdugo Ave	500 S. Buena Vista -6
716 Niagara St.	500 S. Buena Vista -7
731 N. Niagara St	129 N. Niagara St -2
734 N. Niagara St	200 N. Niagara St
814 N. Niagara St	204 N. Niagara St
1130 N. Niagara St	210 N. Niagara St
1133 N. Niagara St -1	211 N. Niagara St
1133 N. Niagara St -2	218 N. Niagara St.
1210 N. Niagara St	219 N. Niagara St
1226 N. Niagara St	226 N. Niagara St. -2
1433 N. Niagara St	236 N. Niagara St
1600 N. Niagara St -2	237 N. Niagara St
1604 N. Niagara St	241 N. Niagara St.
1613 N. Niagara St	242 N. Niagara St
1633 Niagara St -1	246 N. Niagara St -1
3003 W. Olive Ave. -1	246 N. Niagara St -2
209 Orchard Dr.	310 N. Niagara St
1706 Pass Ave.	324 N. Niagara St
1707 Pass Ave	332 Niagara St
1750 N. Pass Ave	540 S. Keystone St.
2100 N. Pass Ave.	2027 N. Fairview St.
519 Santa Anita Ave.	1023 E. Santa Anita Ave.
500 S. Buena Vista -1	700 S Sixth St
500 S. Buena Vista -2	

Aleppo Pine Trees with a Score of “2”

532 S. Niagara St.	4200 Woodland Ave
346 N. Niagara	130 N. Screenland Dr.
433 N. Niagara St.	514 S. Keystone St.
435 N. Niagara St-1	500 S. Buena Vista -5
435 N. Niagara St-2	500 S. Buena Vista -8
439 N. Niagara	500 S. Buena Vista -9
739 N. Niagara St.	500 S. Buena Vista -10
806 Niagara St.	1012 N. Frederic St. -1
810 N. Niagara St	1012 N. Frederic St. -2
951 N. Niagara St	1536 N. Keystone St.
1135 N. Niagara St -1	1539 N. Keystone St.
1135 N. Niagara St -2	2017 Monterey Ave -1
1208 N. Niagara St	2017 Monterey Ave -2
1348 N. Niagara St	2017 Monterey Ave -3
1513 N. Niagara St	124 N. Niagara St

1550 N. Niagara St -1
1550 N. Niagara St -2
1633 Niagara St -2
2239 N. Niagara St
3003 W. Olive Ave. -2
620 Palm Ave
1703 Pass Ave.
1740 N. Pass Ave
2011 N. Pass Ave
2114 N. Pass Ave.
2360 N. Reese Place
1400 N Naomi St

125 N. Niagara St
128 N. Niagara St.
129 N. Niagara St -1
201 N. Niagara St
208 N. Niagara St
226 N. Niagara St. -1
233 N. Niagara St.
926 N. Lima St
330 Lutge Ave.
2829 Burbank Blvd
118 N. Niagara St
315 N Niagara St

Aleppo Pine Trees with a Score of “1”

719 N Niagara St.
1245 N. Niagara St
1525 N. Niagara St -1
1525 N. Niagara St -2
1600 N. Niagara St -1
1609 N. Niagara St -1
1609 N. Niagara St -2
2921 W. Olive Ave -1
1726 N. Pass Ave

2125 N. Pass Ave. -1
2125 N. Pass Ave. -2
1131 N. Sparks St.
500 S. Buena Vista -3
500 S. Buena Vista -4
1036 N. Maple St.
1415 N. Avon St.
1010 Elmwood Ave
2144 Evergreen St.



If you have further questions, feel free to give me a call or email. Thank you.

Mandy Flaig
ISA Certified Arborist WE-12910A
ISA Qualified Tree Risk Assessor (TRAQ)
DPR Qualified Applicator License (QAL) #140441

RPW Services, Inc.
Office: (714) 870-6352
mflaig@rpwservicesinc.com
Office: 714-870-6352

Disclaimer & Limitations

Trees are living organisms and their life span cannot be predicted. Consultations, written reports and appraisals are considered an unbiased professional opinion and do not constitute a complete tree risk assessment or warranty against continued decline, failure, or tree mortality. The health and condition of trees will change throughout the year, recommendations are only based on limited visual observations gathered at the time of inspection. We cannot predict secondary or re-infestation from pests or diseases. As such, additional applications or treatment revisions may be needed. There is no guarantee, expressed or implied, that problems or deficiencies in the trees may not arise in the future. RPW Services cannot guarantee that any proposed treatments will save a tree or be effective if proper cultural practices (i.e. irrigation, mulching, pruning, fertilization, etc.) are not followed. However, we do guarantee that the materials will be applied correctly and at the maximum allowable rate as determined by the product labels and site conditions.

[illegible]