

PUBLIC MEETING

SEPTEMBER 29, 2015

SAN LEANDRO CREEK VEGETATION MANAGEMENT PLAN (VMP)



Agenda

- What is the San Leandro Creek Vegetation Management Plan (VMP)?
- Where is the VMP area?
- How was the VMP developed?
- What is the outcome of the VMP?
- Next steps
- Stations

What is the VMP?

The San Leandro Creek Vegetation Management Plan (VMP) is a comprehensive plan that will guide the District in managing trees and vegetation on District-owned properties along San Leandro Creek.

The VMP will be implemented over several years, and will be updated periodically to reflect changing conditions along San Leandro Creek.

<http://acgov.org/pwa/documents/FINAL-SLCrVegMgmtPlan4-3-15.pdf>

The VMP Includes Measures to:

- Assess and evaluate trees;
- Prune limbs with the potential to break and fall;
- Remove trees that otherwise have the potential to fail;
- Preserve native vegetation;
- Control invasive species;
- Plant native trees and vegetation;
- Site maintenance and monitoring.

VMP Coverage Area

The VMP area is located in the City of San Leandro along San Leandro Creek between the Union Pacific Railroad (UPRR) tracks and Interstate 580 crossing.

VMP Location Map



Data Collection

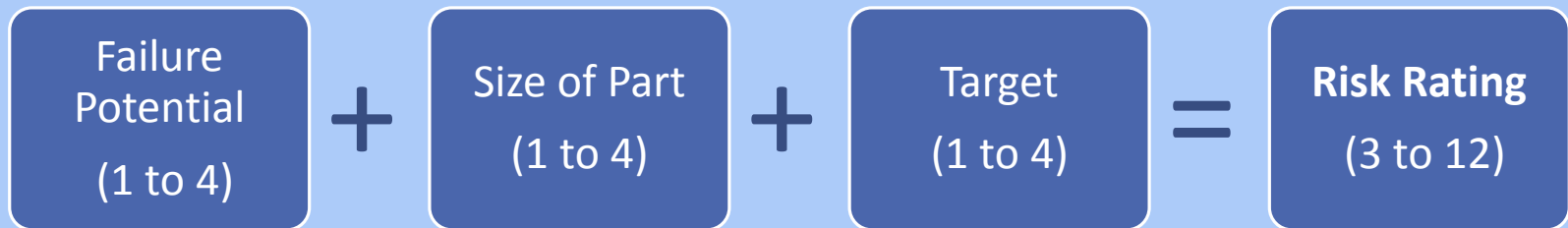
Includes the following:

- Vegetation mapping - tree locations
- 337 trees were identified on District property
- Tree risk and condition assessment

Tree Risk Assessment

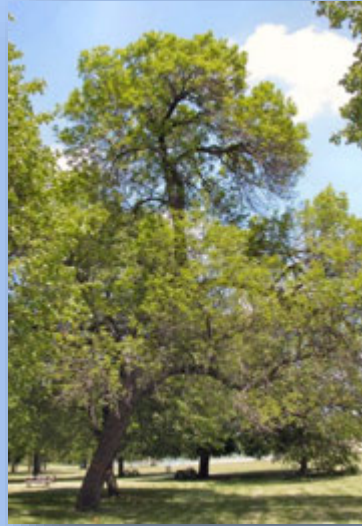
The District conducted a Tree Risk Assessment using a 12-point risk rating system that estimates the probability of a tree or part of a tree failing.

(The higher the score, the higher the risk).



Tree Risk Assessment Failure Potential (1 – 4)

- 1 = low
- 2 = moderate
- 3 = high
- 4 = severe



Tree Risk Assessment

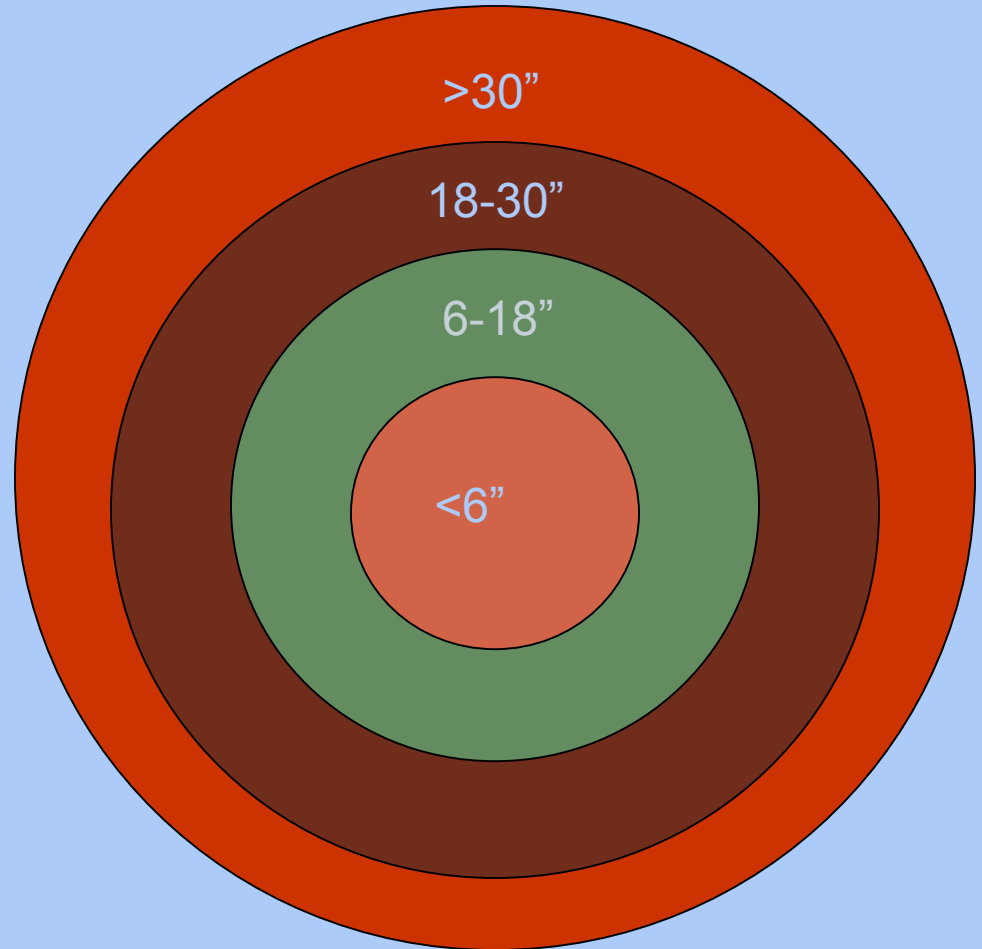
Size of Part that Would Fail

1 = Less than 6"

2 = 6-18"

3 = 18-30"

4 = Greater than 30"



Tree Risk Assessment Target Rating

- 1 = Occasional use**
- 2 = Intermittent use**
- 3 = Frequent use**
- 4 = Constant use**



What is the Degree of Risk?

Severe

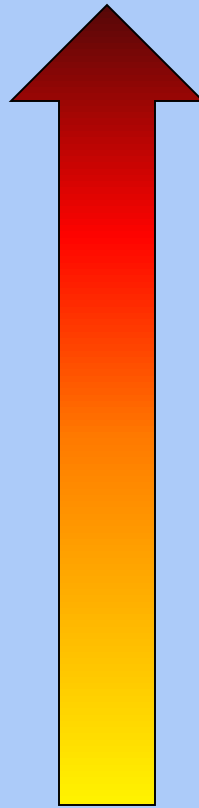
12

High

Moderate

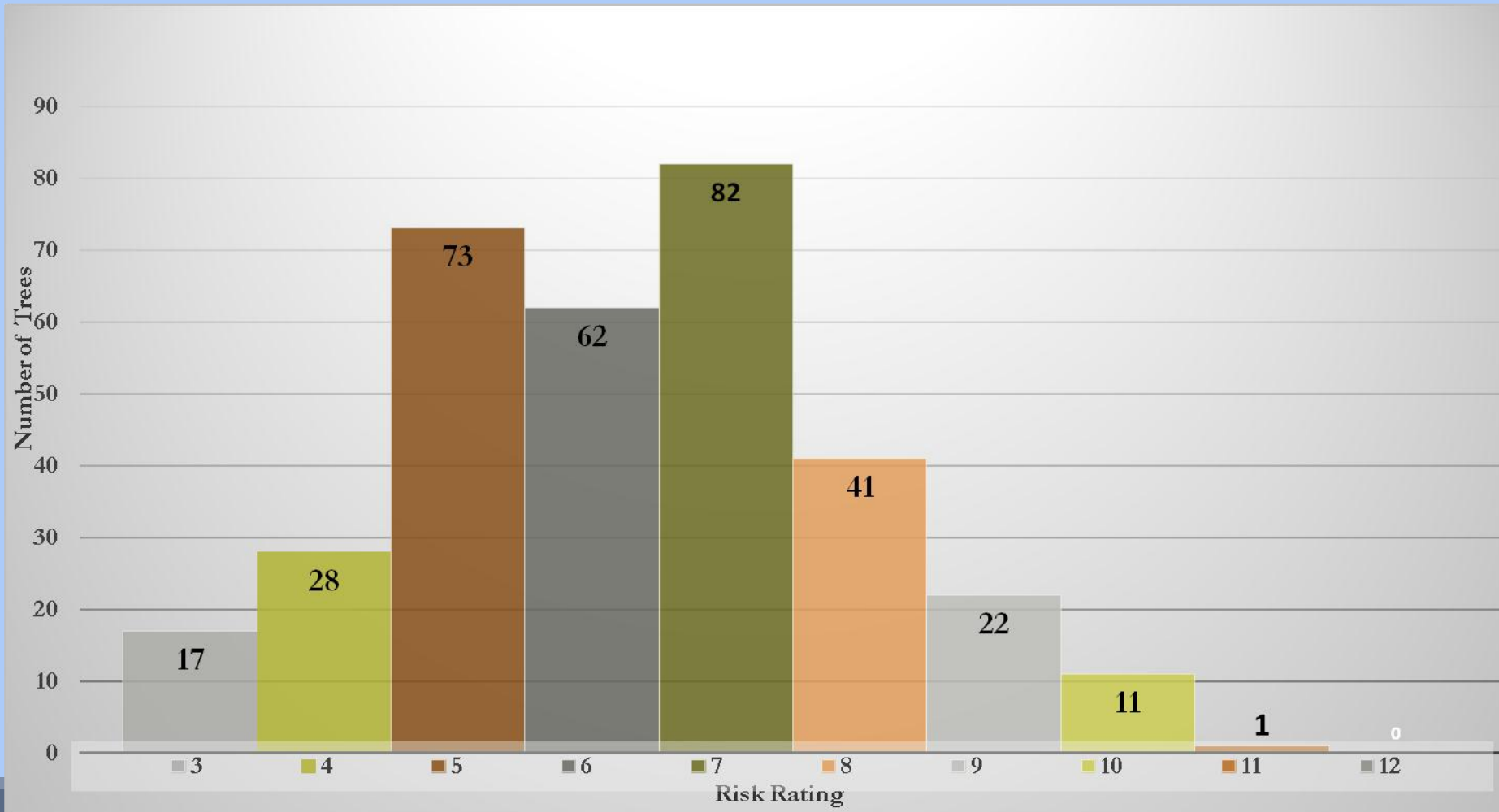
Low

3



Risk Distribution Chart

A total of 337 trees were evaluated.
The majority of the trees are risk rating of 7 or less.



VMP Action Threshold

36 trees will receive treatment:

- All trees with **Risk Rating of 9** and above (34) will be pruned (10) or removed (24).
- Two trees (2) with Risk Rating of 8 will be pruned.

Implementation Plan

VMP Implementation will Include:

- Prune 12 trees
- Remove 24 trees
- Remove fallen trunks
- Plant replacement native trees (35 trees)

Next Steps

- Develop construction plans and specifications
- Secure access easements from property owners
- Advertise and award contract

Questions

Open House: If you have specific questions about a particular tree(s), please visit one of the three stations.