

Arborist Report

2133 Tynan Avenue

Date: May 13, 2021

To: Erin Smith, Public Works Director

From: Jesse Barajas, Public Works Certified Arborist WE4394

Subject: 2133 Tynan Avenue

Species: Eucalyptus spp.- Eucalyptus Tree

Recommendation: Tree Removal/ Impacting Sewer Main

Summary:

The eucalyptus tree is surcharging the 6" sewer main as it growing directly on top of the line and the roots are the cause of the lift of the pipe that creates sewer surcharging and threat of SSO. Public Works is currently prepared to address the sewer mainline offset and the proposed repairs threaten the stability of the tree. It is my recommendation to approve the removal of the tree per Alameda Municipal Code 23-3.4 Declaring Certain Trees Growing in Public Street Nuisances: Any surface root tree growing in any public street or sidewalk which is endangering or which may in any way endanger the security or usefulness of any public sewer or sidewalk is hereby declared a public nuisance.

Based on my findings and lack of mitigation measures to address the current risk posed by the Eucalyptus tree, I recommend the tree be removed.

Tree Description:

The tree measure 21" DSH with an average height of 75 feet. The structure of the tree is good, tree canopy is healthy with a spread of 18 feet. The tree is planted offset over the sewer main and is causing surcharging and threat of SSO. Per ANSI 133 all work within six times DBH creates a tree failure threat therefore sewer mainline repairs requires the tree removal and per AMC 23-3.4.

