



Springwater Arboriculture LLC

CCB# 158098

4547 S.E. Brae St. Milwaukie, OR 97222 (503) 631-4760

October 27, 2021
Tree Assessment

This Tree Assessment was done at the request of Penny Elson Of GFP Enterprises LLC for a tree located at 1319 W Washington St. Stayton, OR 97383. This property is the site of a proposed commercial development. The subject tree is a Black Locust (*Robinia pseudoacacia*) 26" dbh in fair condition, an invasive species and the only significant tree on the property. This tree is located mid lot adjacent to the south edge along W Washington street.

The subject tree suffered significant damage during last February's ice storm. Large parts of the crown broke out under the weight of the accumulated ice leaving torn branches without laterals. Since February the subject tree has sprouted multiple epicormic shoots in response to the primary tissue loss. Some of this epicormic growth has reached 8' or more in length and has begun replacing the damaged crown. There is no loss of vigor in this tree.

Because epicormic growth has a different physiology than primary growth, specifically it is not attached to the point of origin like that of primary growth. Attachments are weaker, the shoots are more vigorous and subject to failure without management. This tree will require multiple pruning events in order to rebuild the crown by selecting and pruning as needed the epicormic shoots. Left untreated these shoots will continue to elongate and fail under their own weight.

Black Locust is a highly invasive species in the Willamette Valley. The offspring of the subject tree populate the ground underneath and to the east of the subject tree as well as along the north fence line and there is some migration across the street, to the south, on the Norpac site. Invasive status, crown damage from the ice storm having created ongoing management issues, proximity to high voltage lines and future site use make this tree a poor candidate for preservation. It would be advisable to remove the subject tree and put the resources into selecting appropriate species and developing space on site to accommodate large form trees away from the high voltage lines.

Prepared by,

Andrew Craig
ISA Certified Arborist PN5927
ISA Tree Risk Assessment Certified