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SOUND URBAN FORESTRY, LLC

Appraisals ~ Site Planning ~ Urban Landscape Design and Management
Environmental Education ~ Risk Assessment

1/31/2023

City of Lacey
Puna Clarke, Utility Engineer
420 College St SE
Lacey, WA 98503

RE: City of Lacey Lift Station 6 Rehabilitation Project Tree Removal and Protection,

Ms. Clarke:

Upon your request, I have conducted an assessment within the City's Lift Station 6 property at 5611 32nd Ct SE. I visited the site and met with you on January 11, 2023 to discuss the project and evaluate the trees of concern within adjacent parcels that may be affected by the associated activities or considered risks. This report presents my findings and recommendations.

5609 32nd Ct SE

While at the site, the property owner at 5609 32nd Ct SE requested that a pine tree be removed because it had lost branches in the past and currently has a few dead branches hanging in the canopy. This tree is noted as #1 on the attached site plan.

Tree #1: 13” Scots pine. This tree is in overall fair condition with no indications of decay, disease or major structural issues. The dead and/or damaged branches within the canopy can be mitigated with crown clean pruning. This pruning will reduce the risk associated with this tree.

5605 32nd Ct SE

There are three trees within this property of concern to the resident, particularly Tree #2.

Tree #2: 32” western red cedar. Approximate height of 80’ with 30% live canopy ratio (LCR). The overall structure of this tree is poor. Its main stem splits into co-dominant leaders at 50’ with 2’ of inclusion at the union. The tree leans toward the lift station drive and the adjacent property at 5609 32nd Ct SE. Potential targets include the drive at 12’ and house at 38’. It is considered a “high” risk.

Tree #3: 30” Douglas fir. Approximate height of 120’ with 25% LCR. This tree is in fair condition. No indications of decay, disease or structural issues. This tree will not be affected by the project and is considered a moderate risk.

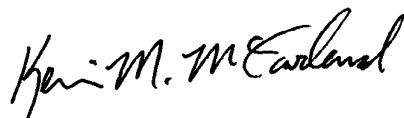
Tree #4: 34” western red cedar. Approximate height of 110’ with 20% LCR. No indications of decay, disease or structural issues. This tree will not be affected by the project nor is it considered a risk.

Comments

I recommend that Tree #2 be removed due to its risk rating and the conflict with the proposed security fence location. The stump should be grinded to 16-18” below grade to provide clearance for the fence. I see no reason to remove the other three assessed trees.

Please contact me should you have any questions.

Sincerely,



Kevin M. McFarland, Principal
Consulting Urban Forester/ISA Certified Arborist PN-0373 & ISA Tree Risk Assessor Qualified
City of Lacey Contracted Tree Protection Professional
Sound Urban Forestry, LLC
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Tahuya, WA 98588

Locations of Assessed Trees

