

Hastings Park Arborist Report & Tree Work

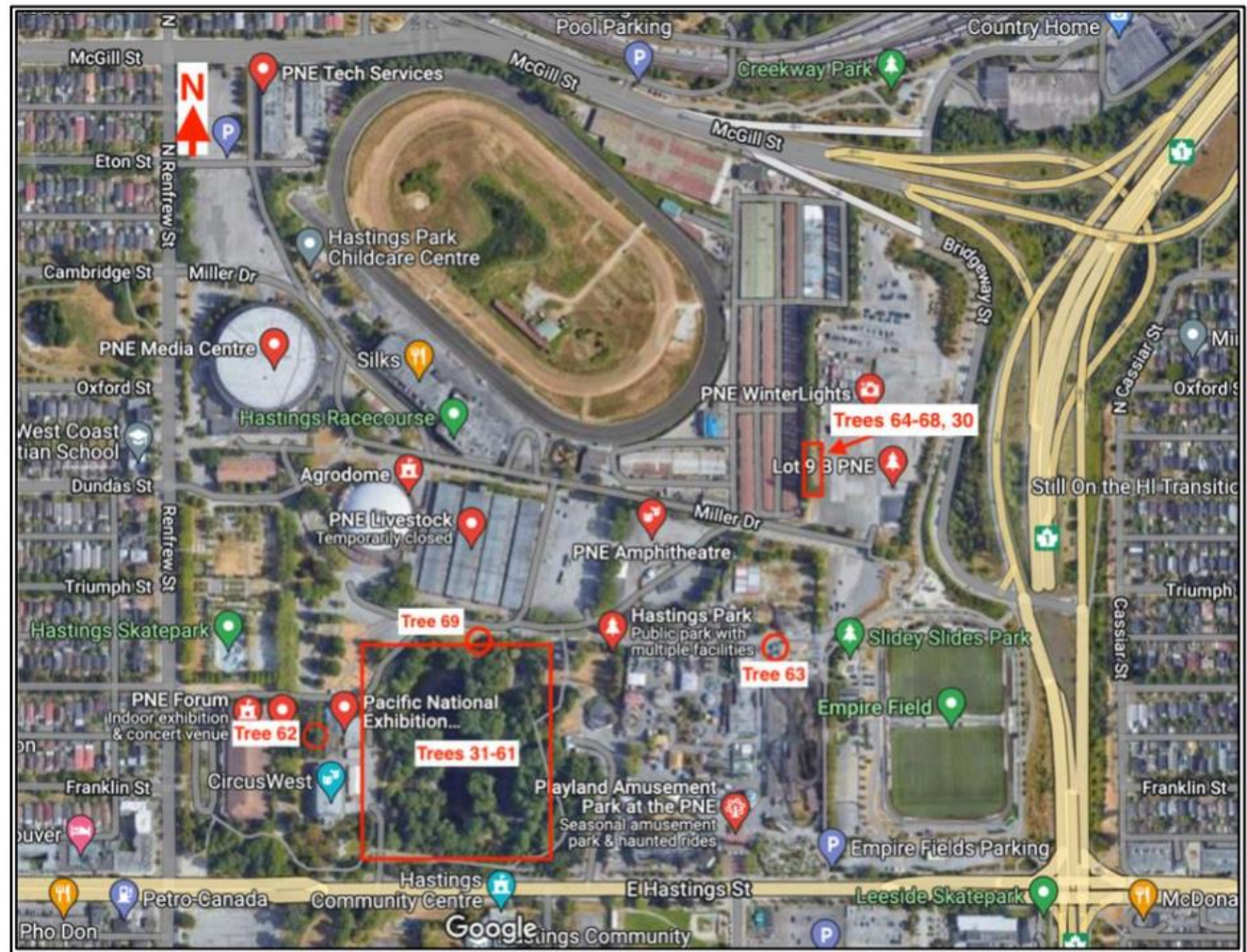


Arborist Report 2022

Prepared by:
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Assessment of dead trees
July 29 - Aug. 11, 2022

Assignment:

1. Number of trees identified through site as possible hazards to fall
2. Identify bylaw size, dead and hazardous trees around PNE, Sanctuary Pond and Lot 9.
3. Measure and assess each tree.
4. Provide recommendations on how to manage the trees and avoid emergency damage.



Aerial 1. Tree assessment scope

Report Results

- There are 36 dead-standing and bylaw-sized trees at Hastings Park that require tree removal permit(s) and 1 living hazardous tree requiring a tree removal permit (Tree #30). All the trees are located within heavy foot and car traffic areas of the park.
- Vast majority of dead tree removals around the Sanctuary Pond are young Western red cedars (22 total).
- A young, dead Chinese windmill palm (#62) is in a parking lot island next to the Administration building. It failed to establish with current irrigation availability on the island.
- A dead Japanese maple (#63) and 5 dead Western red cedars are near Lot 9 in the northeast corner of site. The maple died of drought stress and is next to a building and access road. The cedars border a parking lot. They died due to drought stress and competition for water with nearby Lombardy poplars (a very water-hungry species).
- There is also a hazardous silver maple next to the 5 dead Western red cedars, which is leaning 20-30 degrees east over a parking lot. Tree leans are considered excessive past 15 degrees in any direction. The ground on the opposite side of the lean is also upheaving. The tree will imminently impact the space surrounding it, where cars and people are likely to be near, and must be removed as soon as possible.



Work done to Date: Permits/Tree Service

- We have received 2 permits from the City of Vancouver, 1 permit for 37 trees and 1 permit for 3 trees.
- Work has been planned for completion over 4 days Nov 29 -Dec 2, 2022.
- Work is being schedule during the weekday & around event scherdules to lessen the impact to the community and guests onsite.
- The work is being completed by Devine Arboriculture Solutions in conjunction with our Gardening Foreman & team.
- Work will be safely completed and reviewed from oversight of the PNE Safety Officer and Facility & Maintenance Team.



Naturalizing Sanctuary & Hastings Park

- Dead standing trees in Sanctuary will be felled and left on the ground to Naturalize.
- Naturalizing creates a haven for bugs, fungi & birds to support a healthy eco system.
- 3 dead standing trees have been flagged by a local community bird enthusiast, to be reduced to a height of 10 ft to allow for bird nesting sanctuaries that will provide a home for Woodpeckers and similar birds.
- Trees felled in Lot 9 will be chipped down. The chippings will be reused in our garden beds and other areas throughout the site.
- No green waste will leave our site, instead it will be used to support the park eco system.
- PNE is also looking at repurposing wood to be used for benches on site with some of the red cedar to be donated to local indigenous groups for carving

