



# **Tree Watering Plan For Hatley Residence**

Date Prepared: June 30, 2023  
Site Address: 4114 83<sup>rd</sup> Ave SE  
Mercer Island, WA 98040  
Parcel Number: 362650-0035

**Prepared By:  
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## Tree Watering Plan:

1. Cascara Tree (*Rhamnus purshiana*) Watering:
  - Cascara trees are native to the Pacific Northwest and are generally well-adapted to the local climate and soils.
  - During the establishment period (first 6 to 12 months), water the Cascara tree deeply once every 5 to 7 days. Provide 10 to 15 gallons of water per watering to ensure adequate moisture for root development.
  - As the tree becomes established, reduce the frequency to once every 7 to 10 days, or as needed, during dry periods. Adjust the amount of water based on soil moisture levels and local weather conditions.
  - Cascara trees have moderate drought tolerance once established. Monitor soil moisture and avoid overwatering, especially in well-draining sandy soils.
2. Japanese Maple (*Acer palmatum*) Watering:
  - Japanese maples prefer consistently moist soil, especially during the first few years after planting.
  - During the establishment period, water the Japanese maple deeply every 2 to 3 days to keep the soil consistently moist. Aim for 5 to 10 gallons of water per tree per watering, ensuring the root zone is adequately hydrated.
  - In subsequent growing seasons, maintain a regular watering schedule of once every 5 to 7 days, or as needed, during dry periods.
  - Japanese maples are sensitive to drying out, especially during hot summers, so monitor soil moisture closely and adjust the watering frequency as required.
3. Vine Maple (*Acer circinatum*) Watering:
  - Vine maples are native to the Pacific Northwest and generally have good drought tolerance once established.
  - During the establishment period, water the vine maple deeply once every 3 to 5 days to promote root growth. Provide 5 to 10 gallons of water per tree per watering.
  - Once the tree is established, reduce the frequency to once every 7 to 10 days, or as needed, during dry periods. Adjust the amount of water based on soil moisture levels and local climate conditions.
  - Vine maples can handle short periods of drought, but it's still essential to monitor soil moisture and provide supplemental water during prolonged dry spells.

Points at which further watering may not be required:

- Once each tree species has been established for about 1 to 2 years and has developed a robust root system, they will become more drought-tolerant.
- During periods of consistent rainfall, you may reduce or skip watering, depending on the moisture levels in the soil.
- Always monitor the soil moisture and adjust the watering schedule accordingly, considering the individual requirements of each tree species.

Please note that these watering guidelines are general recommendations. The actual watering needs of the trees may vary depending on factors such as weather conditions, soil type, tree size, and individual site characteristics. Be attentive to the trees' health and soil moisture levels to ensure they receive the appropriate amount of water for their specific needs.