

WINTER GUIDE TO HEALTHY STREET TREES

How you can contribute to the health of Queens Quay and its trees with sustainable de-icing practices

BACKGROUND

Located in the Central Waterfront, the revitalized Queens Quay is Toronto's destination waterfront street. Once a street that featured limited space for pedestrians and aging infrastructure, the street has since been transformed into a multi-modal boulevard that features a separated light-rail right-of-way, a new section of the Martin Goodman Trail that connects the Trail across the downtown waterfront, an enlarged pedestrian promenade, and roughly 227 new trees. Many of the new trees failed to thrive and were replaced in fall 2018. The success of these new trees relies not just on a beautiful design, but also on implementing good maintenance practices and cooperation from local residents and businesses. Waterfront Toronto and the Waterfront BIA have partnered to promote winter maintenance strategies that will help give the new trees a chance to thrive.

WHAT YOU SHOULD KNOW:

- As a chemical de-icer, rock salt is the most commonly used de-icing material. It is also one of the **most corrosive and toxic de-icing materials**.
- Using rock salt to de-ice sidewalks and driveways negatively affects our lake and drinking water, and damages streetscapes and trees.
- There are environmentally friendly de-icing alternatives to rock salt that are equally as effective.
- Using less rock salt will not only create safe walkways for pedestrians – it will also save you money and prevent excess salts from entering the environment.

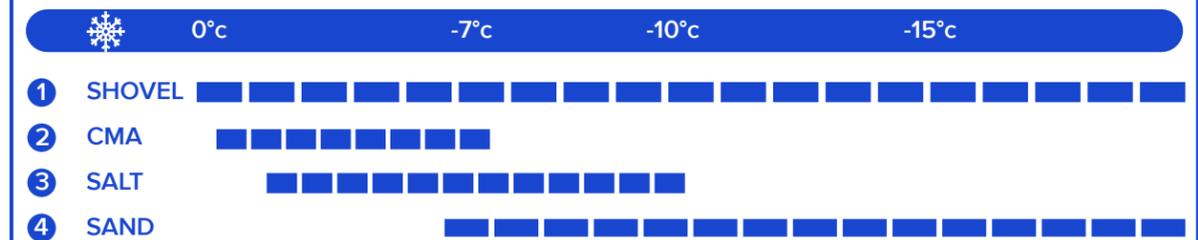


WHAT YOU CAN DO TO KEEP OUR STREETS AND TREES SAFE:

If you have to clear your sidewalk or driveway:

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1 SHOVEL
 Always shovel or plow first. Clear away the snow as soon as you can so it doesn't become ice. Try to remove ice patches with an ice chopper.
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2 CMA
 Use Calcium Magnesium Acetate (CMA) when possible. CMA is an environmentally friendly alternative to rock salt. Use 1-3 tablespoons of CMA per one metre square area. CMA works best between 0°C and -7°C.
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3 USE LESS SALT
 Salt only works between 0°C and -10°C. ONE tablespoon of salt per one metre square area is all you need. Small grain salt works better.
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4 SAND
 Use sand, grit or non-clumping kitty litter to reduce the risk of slipping and when it's too cold for salt to work.

WEATHER PLAN:



If your building has a snow removal company, ask them about their winter maintenance strategies.

QUESTIONS ?

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