BRACOR Environmental

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Councilor Matt Allard
510 Main Street
Winnipeg, MB, R3B1B9

April 10, 2023

Dear Councilor Allard,

Pedestrian traffic is vital for all communities. Whether it is to access public transportation or physically commute, the public should have access to safe walkways. Winnipeg winter weather makes it quite challenging to maintain clear walkways and promote safe pedestrian travel. There have been advancements in winter maintenance practices to help keep roadways and walkways clear of snow and ice. One such advancement is utilizing Beet 55 to make snow removal more efficient and effective.

Beet 55 is a Manitoba made liquid organic accelerator. It is currently being used by the City of Winnipeg in the winter roadway maintenance program. It can also be directly applied to walkways prior to snow events to prevent the snow from bonding to the surface and making snow removal more efficient and effective. The snow easily peels off the sidewalk surface, even with compaction, and the residual snow melts. While Beet 55 acts as a non-stick coating for snow, friction testing of Beet 55 when applied to dry pavement resulted in increased traction.

Beet 55 is naturally derived from sugar beets, which makes it sustainable, renewable, and environmentally safe. It has a slight molasses odor and brownish color, but does not stain. It simply washes away with water and does not kill vegetation or attract wildlife. Beet 55 is also classified as a corrosion inhibitor, which means it helps prevent corrosion on concrete, asphalt, drainage pipes, catch basins, and equipment.

Beet 55 can be directly applied to walkways up to 5 days in advance of a snow event. 300 liters of Beet 55 will cover over 8 km of walkways. The City would be able to retrofit existing equipment to accommodate the sidewalk applications. It is safe and easy to handle.

It is time to take snow clearing to the next level. Using Beet 55 and taking a pro-active approach to snow removal and anti-icing practices is the next step to creating safe, accessible winter walkways in Winnipeg.

Please feel free to contact me should you have any questions or require additional information.

Sincerely,

Brian Fehr
General Manager