

STREETS AND ROADS

BRINE PRETREATMENT

STR.36

POLICY

Date Policy Adopted:
Date Policy Amended:

Council Resolution: Number:
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Brine pretreatment is the placement of brine (salt dissolved in water) on Municipal roads, usually by mechanical brine applicator, to provide a barrier on public road surfaces to prevent adhesion of snow and ice to pavement and to help limit snow and ice accumulations and accelerate the melting and removal processes.

1. Excluding other requirements of this policy, and based on a prediction of freezing rain or an accumulation of over 25mm of snow by *'Weathernet', a Roads and Drainage Foreman or his/her designate will institute a brine treatment procedure four hours in advance of the predicted arrival of the precipitation.
2. Due to limitation of available equipment pre-treatment will only be performed on existing priority #1 snow routes and transit routes.
3. Throughout the 2007/2008 winter season, results of this pretreatment will be monitored visually by Roads and Drainage Foremen and through the aid of a data collector installed on unit # 5174 for future development of procedures to further benefit the snow and ice removal program.

*'Weathernet' is a private weather forecasting company contracted to deliver daily, site specific forecasting to the Municipality, as well as emergency or disaster preparedness information.