

Putting Mayo Clinic on a Low Salt Diet

Nick Queensland

Mayo Clinic Grounds Maintenance
Supervisor

Background

- * 15 miles of sidewalk
- * 120 acres of parking lot, roadway
- * 8 parking ramps
- * 300 doorways
- * 800 outdoor steps
- * 350 acres of greenspace
- * 25+ different sites



First Step

Smart Salting Training

Smart Salting

Level 1 Voluntary Certification



Your knowledge and actions will help protect
Minnesota lakes and streams.

m MINNESOTA POLLUTION
CONTROL AGENCY

This is to certify that

has passed the certification
examination and has volunteered to
apply snow and ice control best
management practices for roads,
parking lots and sidewalks.

Handwritten signature of Brooke Asleson

Brooke Asleson
Resource Management and Assistance Division
Issue Date:

Certificate Expires 5 years after Issue Date

Pre-winter Planning



Salt Brine



Contractor Partnership

- * Plow salt ???
- * Transition to Plow -> Salt if Needed
- * Spot salting
- * Calibrate salt spreaders

Results

- * Salt Savings
 - * 60% reduction compared to winter 2017-2018
 - * 72% reduction compared to winter 2016-2017
- * Safety
- * Landscape

Thank You!

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