

Summary Table of Salt Management Programs

<i>Entity</i>	<i>Web page</i>	<i>Important Feature</i>	<i>Partial Plan Elements</i>
<p>Lake County Stormwater Management Commission</p> <p>500 W Winchester Road Suite 201 Libertyville, IL 60048 Phone 847-377-7700</p>	<p>https://www.lakecountyil.gov/2284/Winter-Maintenance-Best-Practices</p>	<p>Annual training for applicators</p>	<ul style="list-style-type: none"> • Guidelines for sidewalks and parking lots • Guidelines for roads • Salt and liquid calibration manual • Educational fliers • Preferred providers list
<p>New Hampshire Department of Environmental Services</p> <p>NHDES Salt Reduction Coordinator (603) 271-5329 kate.politano@des.nh.gov Salt@des.nh.gov</p>	<p>https://www.des.nh.gov/organization/divisions/water/wmb/was/salt-reduction-initiative/index.htm</p>	<p>Voluntary applicator certification program</p>	<ul style="list-style-type: none"> • Green SnowPro training • Business owner guidance for parking lots • BMPs, technologies, and equipment calibration fliers • Training materials for BMPs • Use of certified applicator limits business owner's liability for slips and falls
<p>Smart About Salt</p> <p>7856 Fifth Line South Milton, ON L9T 2X8, Canada Telephone: 647-722-5699 Email: contact@smartaboutsalt.com</p>	<p>http://www.smartaboutsalt.com/contact</p>	<p>Certification program for Smart About Salt sites and contractors</p>	<ul style="list-style-type: none"> • Training manuals for operators and facility managers, includes calibration, storage and handling • List of certified contractors and sites • Educational fliers • Provides ability to qualify for lower insurance premiums
<p>Minnesota Pollution Control Agency</p>	<p>https://stormwater.pca.state.mn.us/index.php/Winter Parking Lot and Sidewalk Maintenance Manual</p>	<p>Numerous forms and guidance for calibration of equipment</p>	<ul style="list-style-type: none"> • Parking lot and sidewalk maintenance manual

<p>City of Madison, Wisconsin</p> <p>WI Salt Wise Partnership: A coalition of organizations working together to reduce salt pollution in our lakes, streams and drinking water.</p>	<p>https://wisaltwise.com/Take-Action</p>	<p>Certification program</p>	<ul style="list-style-type: none"> • Educational fliers • Application guidelines and calculator • Case studies • Winter parking lot and sidewalk manual • Winter road maintenance manual • Training, calibration, worksheets • List of certified applicators • Post storm debriefing form
<p>City of Toronto</p> <p>Contact information for winter inquires and emergencies: Self-service: toronto.ca/311 TTY: 416-338-0TTY (0889) Fax: 416-338-0685 Email: 311@toronto.ca</p>	<p>https://www.toronto.ca/services-payments/streets-parking-transportation/road-maintenance/winter-maintenance/salt-management-plan/</p>	<p>Most comprehensive plan of all reviewed</p>	<ul style="list-style-type: none"> • an annual audit of existing salt spreading practices and operations to determine what improvements should be considered • an annual inspection of salt storage facilities at all city yards and camps; many minor deficiencies have already been corrected, and new measures are being proposed • ensuring that salt deliveries are done during non-inclement weather and tarped to protect against spillage and wind • ensuring spreader controls are calibrated and accurate records are kept and how salt is handled at city yards • installation of infrared pavement temperature sensors on additional patrol and supervisory vehicles to assist staff in determining actual road temperature conditions • introduction of a number of new salt spreading trucks with electronic controls to the city's fleet; future plans call for more new vehicles to replacing ageing trucks with outdated controls • fitting a number of trucks with anti-icing

			<p>and pre-wetting equipment; anti-icing and pre-wetting trials will be conducted using alternative de-icing products</p> <ul style="list-style-type: none"> • increased staff training for staff who apply salt to roads • a review of snow disposal sites, addressing where the disposal sites are located and which remediation resources are necessary • installation of five Road Weather Information System units at key locations within the city <ul style="list-style-type: none"> ○ these units are local automated weather reporting stations that also use sensors embedded in the roadway to provide continuous information on air and pavement temperatures ○ this is to help staff in making informed decisions on when to begin using salt on roads and • installation of global positioning units in some trucks in order to conduct a pilot study to track the location of trucks and to record when and where salt has been spread and at what application rate
<p>Maryland Department of the Environment</p> <p>1800 Washington Boulevard, Baltimore, MD 21230 (410) 537-3000</p> <p>Office of Communications</p>	<p>https://mde.maryland.gov/programs/marylander/pages/road_salt.aspx</p>	<p>Equipment calibration and RWIS</p>	<ul style="list-style-type: none"> • Training of state personnel and hired contractors in equipment maintenance and calibration and use • Materials storage guidance • Calibration of all salt spreading equipment at beginning of winter and periodic checks for accuracy (considered a critical aspect of effectiveness)

<p>410-537-3003 editor.mde@maryland.gov</p> <p>Maryland Department of Transportation State Highway Administration</p> <p>7201 Corporate Center Drive, Hanover, Maryland 21076 Local (410) 865-1000 Toll Free 1-(888) 713-141</p>	<p>http://www.mdot.maryland.gov/newMDOT/Environmental_Programs/Winter_Operations_at_MDOT.html</p>		<p>management). Applies to hired resources as well</p> <ul style="list-style-type: none"> • Procured loader scales to accurately weigh salt load placed into trucks • AVL – automatic vehicle locator system to track location of vehicles at all times for management of equipment. Deployed in 2011 • Road Weather Information System (RWIS)– strategically located weather stations on agency’s highways to obtain information on local weather and includes pavement sensors • Identification of sensitive areas – e.g. wetlands, well heads, 303D listed water bodies, non-tidal cold water streams • Post storm and Annual Operations review to assess good and bad outcomes for process improvement
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