

Advanced Salt Management Plan
City of Minneapolis Stormwater Utility Credit Program

If submitting an Advanced Salt Management Plan, you do not need to submit the Basic Salt Management Plan.

Date:

Property Representative Contact:

Name of site:

Address of site:

Total square footage of entire winter maintenance area:

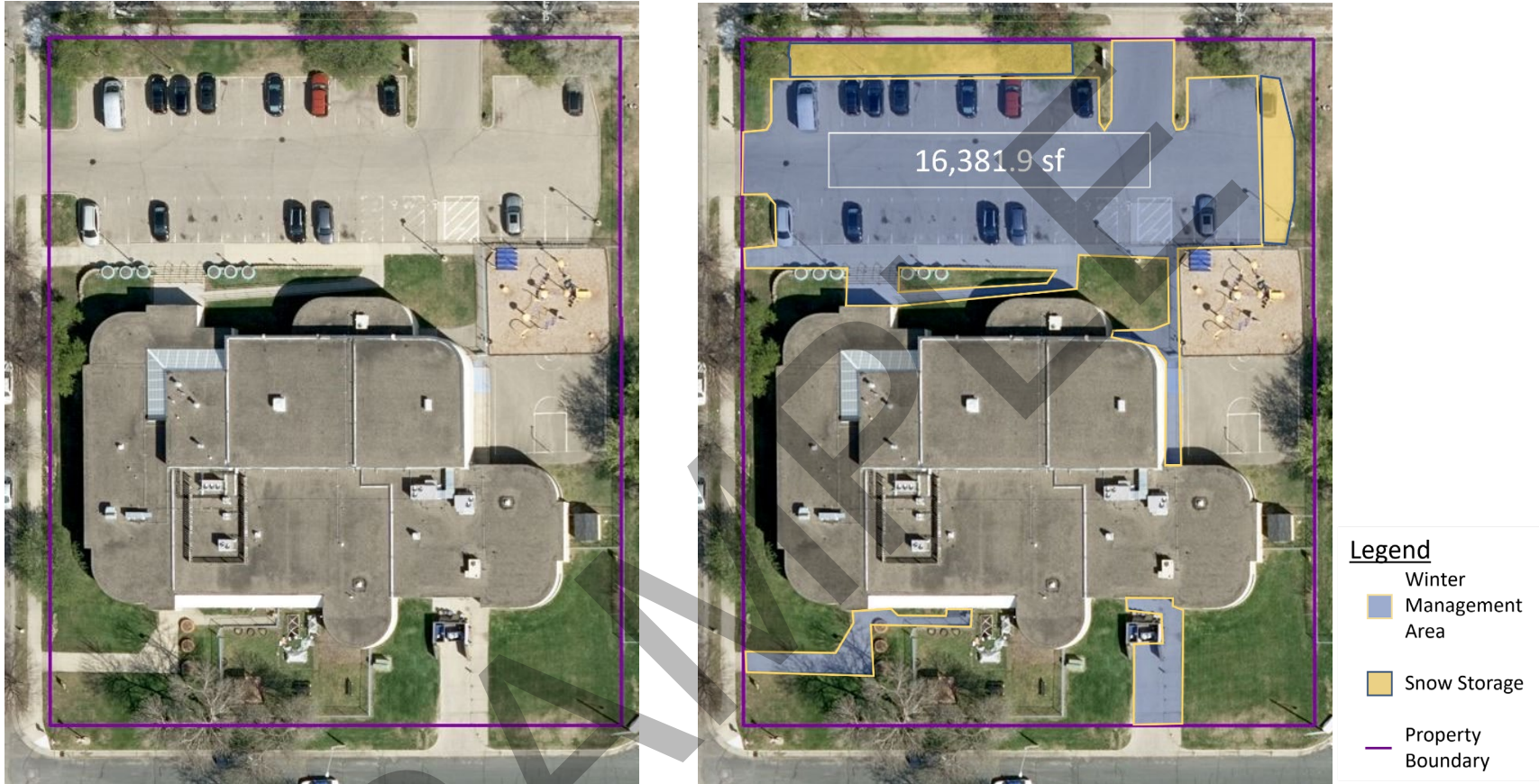
Winter maintenance area includes hard surfaces that could be salted such as

- Within property boundary:
 - Parking lot, steps, driveway, sidewalk, etc.
- Not included as a winter maintenance area:
 - Snow storage areas, city sidewalks, buildings, vegetated areas, water bodies, etc.

***City sidewalks are not included in stormwater credit calculations because they are not included in your stormwater utility fee. However, we highly encourage the use of lower salt strategies on city sidewalks that you are responsible for maintaining.**

I will work to reduce salt use at this location to protect our local waters.

Signed:



Visual example of winter maintenance areas on a site. Winter maintenance areas include hard surfaces that could be salted such as parking lots, steps, driveway, sidewalk, etc. Areas that do not qualify as winter maintenance areas include snow storage areas, city sidewalks*, buildings, vegetated areas, water bodies, etc.

***City sidewalks are not included in stormwater credit calculations because they are not included in your stormwater utility fee. However, we highly encourage the use of lower salt strategies on city sidewalks that you are responsible for maintaining.**

Advanced Salt Management Plan Criteria

Required information:

- Person to be contacted regarding requirements for Advanced Salt Management Stormwater Credit. This person is responsible for the proper salting practices on the property, as described in the plan.
 - Full name
 - Relation to property
 - Phone number
 - Email

- Salt Stewardship Pledge – [Minneapolis Salt Mini-Course](#)
 - Complete the Salt Mini-Course and then fill out the pledge
 - Full name of person who completed pledge:

- Property manager or representative must complete the MPCA (Minnesota Pollution Control Agency) Smart Salting class and provide proof of certification*
 - Smart Salting for Property Managers class OR Smart Salting for Sidewalks and Parking Lots class
 - Upload Smart Salting certificate online with your application
 - Copy of certificate must be kept on-site
 - [MPCA Smart Salting certification training website link](#)

*If property representative is not able to complete the Smart Salting Class prior to submitting this credit application, proof of completion must be provided within one (1) year of credit application.

- Map of property showing winter maintenance area(s) (see example on previous page)
 - Upload map online with your application

Please fill in the sections below to complete your application. All sections are requirements for an approved Advanced Salt Management Plan stormwater credit, unless marked with an asterisk (*)

Education

In-house winter maintenance staff (if the property has in-house staff)

- Pledge to educate in-house maintenance staff on lower salt strategies
 - Winter maintenance staff recommended education: MPCA Smart Salting for Parking Lots and Sidewalks class

- Property representative recommended education: MPCA Smart Salting for Property Management
- [MPCA Smart Salting certification training website link](#)

Contracted Winter Maintenance Staff *(if the property has contracted staff)*

- Encourage MPCA Smart Salting Certification of contracted staff
 - Name of company(s):
 - Recommended class: Smart Salting for Parking Lots and Sidewalks
 - [MPCA Smart Salting certification training website link](#)
 - [List of organizations with Smart Salting certificates website link](#)

Snow

- Snow must not be pushed into
 - Waters of the state (lakes, rivers, streams, wetlands)
 - Public streets or sidewalks
 - Adjacent properties

Salt/De-icers

Storage

If salt is stored on site

- Granular salt must be covered and protected from wind, rain, snow, and meltwater.
 - Examples: Sealed container, inside building
- Granular salt must be stored on a waterproof surface
 - Examples: Asphalt, concrete, plastic barrel, or bucket
- Liquid de-icer 500-gallon capacity or larger
 - Require double wall tanks or secondary containment
 - Require labelled container and contact information

For further information on liquid storage requirements contact smartsalting.pca@state.mn.us

Application Recommendations

Practices marked with an asterisk (*) are encouraged but not required.

If property has salt on-site

- *Salt is only available to trained staff
 - MPCA Smart Salting certified staff
 - Staff internally trained on low salt strategies

If salt is available to non-trained users,

- *Post educational material encouraging low salt use

If property has salt buckets/bags near building entrances

- *Provide alternate snow/ice removal tools and salt recovery tools next to the salt
 - Snow removal tools
 - Shovel, broom, blower, ice chisel
 - Excess salt recovery tools
 - Broom with collection device (i.e., dustpan)
 - Container to put recovered salt in

For all properties' building entrances

- *Provide a snow removal tool, i.e., shovel, near building entrances

After the weather event

- Once surfaces are free of snow and ice, excess salt must be swept up
 - It is recommended to reuse recovered excess salt for future use
 - If strategies from MPCA Smart Salting training are followed, it is unlikely there will be excess salt that must be cleaned up

Advanced Salt Management Plan Self-Inspection Form

- Complete self-inspection annually during the winter. Inspections must be conducted at least annually and completed inspection forms must be available to City staff upon request. All completed annual inspections will be required for credit recertification every 5 years.

Advanced Salt Management Plan Self-Inspection Form City of Minneapolis Stormwater Utility Credit Program	
Property name and address:	
Full name of inspector:	Date:
Complete self-inspection annually during the winter. Inspections must be conducted at least annually and completed inspection forms must be available to City staff upon request. All completed annual inspections will be required for credit recertification every 5 years.	
Inspection Criteria	Notes
Proper storage of salt (check all that apply) <ul style="list-style-type: none"> <input type="checkbox"/> Granular salt <ul style="list-style-type: none"> <input type="checkbox"/> Covered and protected from wind, rain, snow, and meltwater. <ul style="list-style-type: none"> ▪ Examples: Sealed container, inside building 	
<ul style="list-style-type: none"> <input type="checkbox"/> Granular salt must be on a waterproof surface <ul style="list-style-type: none"> ▪ Examples: Asphalt, concrete, plastic barrel, or bucket 	
<ul style="list-style-type: none"> <input type="checkbox"/> Liquid de-icer 500-gallon capacity or larger <ul style="list-style-type: none"> <input type="checkbox"/> Require double wall tanks or secondary containment <input type="checkbox"/> Require labelled container and contact information 	
<input type="checkbox"/> No salt is stored on site	
Form continues next page	

<p>Visual inspection of salted areas</p> <p><input type="checkbox"/> No salt on bare pavement*</p> <p>*Bare pavements are areas that do not have snow/ice on them. Bare pavements are not required.</p>	
<p>Visual inspection of snow storage</p> <p><input type="checkbox"/> Snow is not pushed into waters of the state, public streets or sidewalks, and adjacent properties</p>	
<p>MPCA Smart Salting Certification</p> <p><input type="checkbox"/> Copy of representative's Smart Salting certificate on-site</p> <p><input type="checkbox"/> Ensure City has proof of certification</p>	
<p>Use this field for any site-specific criteria</p>	
<p>Inspector Signature:</p>	

Additional notes

SAMPLE

An aerial photograph of a large, rectangular building with a flat roof. The roof is covered with various HVAC units and other mechanical equipment. In front of the building is a large parking lot filled with cars. A yellow outline highlights the entire parking lot area. A large, semi-transparent watermark with the word 'SAMPLE' is oriented diagonally across the center of the image.

**Winter Maintenance
Area: 25,491 square feet**

Snow storage is off-site

Smart Salting for Property Management

This is to certify that

Pablo Gomez

completed the Smart Salting Property Management requirements on behalf of the

Sample Plan

for pledging to reduce their salt use.

Your actions will help
protect Minnesota
lakes, streams and
groundwater

m MINNESOTA POLLUTION
CONTROL AGENCY



Brooke Asleson
Resource Management
and Assistance Division

Issue Date: 11-02-2021

Certificate expires 3 years
from issue date