Nine Mile Creek Discovery Point
12800 Gerard Drive
Eden Prairie, MN 55346
(952) 835-2078
ninemilecreek.org

PROJECT FORM: CHLORIDE REDUCTION

Instructions

- Answer all questions thoroughly for your proposed chloride reduction project.
- This is one part of multiple pieces required for a complete stewardship grant application.
- A sample chloride reduction project form is available here.

The following is a simplified example of a filled-out chloride reduction project form. The site depicted and corresponding information is fictional.

Questions

1. Name of applicant or organization: City of Somewhereville

2. Which source(s) of chloride does this project address (municipal applications, school district applications, private contractor applications; applications to roads, sidewalks, etc.)?
   This project addresses municipal road applications.

3. How does this project propose to reduce chloride use?
   We are proposing to purchase software that is needed to organize increased plowing in a pilot area in the city. The software will be used before the winter season to build a new plowing schedule for multiple common scenarios, including light snow < 1 inch, medium snow 1-2.5 inches, or heavy snow >2.5 inches. With the software the city will also be able to track chloride application rates and timing, which will help the city more effectively evaluate needed winter road salting.

4. Describe any outreach and training that will accompany the project. *Examples include staff training in use of new equipment, signage, residential education, etc.*
   Staff will be trained on how to read and execute the new schedule. The residents in the area will be informed by mailed flyers about the trial period. There will also be a page on our website about the project. As homes sell within the designated area, flyers will be sent to the new owners. The results at the end of the project will be communicated via the webpage.

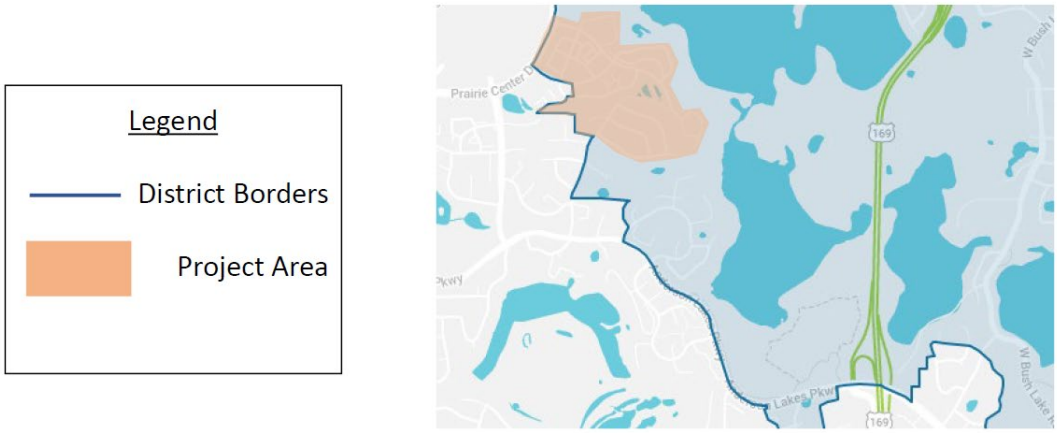
5. Provide an estimate of how much chloride is currently being applied to the designated area per winter season and an estimated reduction based on this project's activities.
   Currently, approximately 9 tons is being used in this area in one winter season. We estimate that the increased plowing schedule will drop this by 5 tons, so approximately 4 tons/year will be used in the future. This will be a 55.5% decrease in chloride application.

6. Are there any indicators besides chloride reduction that will help determine the success of the project?
   As the project is ongoing, we'll look at the feasibility of executing an increased plowing schedule with staff and equipment availability. If it is feasible, that will be considered a success.

7. What percentage of the chloride reduction activities will occur in the Nine Mile Creek Watershed District? District boundaries can be found here: ninemilecreek.org/are-you-in-the-watershed
   100% of the chloride reduction work will take place in NMCWD.

8. Provide a map showing the areas where the chloride reduction project will take place (show areas inside and outside the District, if applicable).
   Insert the image here or attach the image with your completed application with the title "Question 8".

   City of Somewhereville
   Chloride grant application – map



Continue to the remaining application steps listed at: ninemilecreek.org/grants/applications