

Chloride Management Plan

Overview

It is the policy of the District to regulate the management of stormwater runoff to minimize the impacts of the application of chloride compounds on water resources by minimizing their use on roads, parking lots, sidewalks and other impervious surfaces.

A chloride management plan for post project management of chloride must be provided when an applicant for a permit under the stormwater management rule for land disturbing activity on property other than single-family home sites. The plan must include, at a minimum:

1. Designation of an individual authorized to implement the chloride-use plan
2. Designation of a Minnesota Pollution Control Agency (MPCA)-certified salt applicator engaged in the implementation of the chloride-use plan for the site

Background

Elevated chloride concentrations have been found in waterbodies throughout the Twin Cities Metro Area at levels exceeding water quality standards. Chloride levels when they exceed water quality standard impact the aquatic community. The District has identified through monitoring that stormwater reaching Purgatory Creek regularly exceeds water quality standards during winter months. The chloride or salt found in the water comes from the salt that is applied to our streets, parking lots, driveways and sidewalks during winter months. In an effort to protect the District's water resources and increase efficiency in winter best management practices, a Chloride Management Plan needs to be in place as prescribed in Subsection 3.8 of Rule J. This will require cities, the county, commercial and private applicators to both reduce chloride application rates and improve winter management practices.

Chloride Management Plan

The two minimum components of a chloride management plan are the designation of individual authorized to implement the plan and the designation of a MPCA certified salt applicator engaged in the implementation of the chloride-use plan for the site.

Designated Individual

This individual is the point of contact for any questions regarding winter maintenance on the site, including chloride application.

MPCA Certified Applicator

To achieve MPCA certification, an applicator must first attend a Smart Salting Training. Riley Purgatory Bluff Creek Watershed District and other organizations host these trainings free of charge throughout the year. The training offers information about best practices for managing snow and ice on roads or parking lots and sidewalks. A test is offered at the end of the workshop to earn Minnesota Pollution Control Agency (MPCA) Level 1 Certification in Snow & Ice Control Best Practices. Additional information about the trainings, including upcoming training dates is available at: www.pca.state.mn.us/water/salt-application-training

Project Information

Name of Proposed Project:

Address or Intersection:

RPBCWD Permit Number (if known):

City:

For Cities/Public Agencies Only: Chloride Management Plan previously submitted for the year

Applicant Information (Site Owner or Project Developer)

Name of Permit Applicant:

Address:

City, State, Zip:

Phone:

Email:

Applicant Information (Site Consulting Engineer or Project Representative)

Name:

Address:

City, State, Zip:

Phone:

Email:

Designated Individual

Company Name:

Address:

City, State, Zip:

Contact Name:

Email Address:

Phone Number:

Mobile Number:

MPCA Certified Individual*

Company Name:

Address:

City, State, Zip:

Contact Name:

Email Address:

Phone Number:

Mobile Number:

Class Information

Level 1: Parking Lot & Sidewalk Roads

Level 2: Winter Maintenance Assessment Tool

Location & Date of Class:

Include a photo/scanned copy of certified individual's certificate or excel spreadsheet from the MPCA website that has certified individual's name listed. Certification is valid for five years.

MPCA website link: www.pca.state.mn.us/water/salt-application-training

Signature:

Printed Name:

Date:

Return to: **Riley Purgatory Bluff Creek Watershed District**
18681 Lake Drive East
Chanhassen, MN 55317
Email: tjeffery@rpbcwd.org

To Be Completed by District:
Permit # _____
Received From _____
Date Received _____
Date Approved _____