

ORDINANCE NO. 2022-01

VILLAGE OF BROWNSVILLE, DODGE COUNTY, WISCONSIN

An Ordinance to Limit Chloride in Sewers

Whereas, the village board seeks to protect adverse environmental impacts of chloride to the surface waters in the village and adhere to limits set by the Wisconsin Department of Natural Resources.

Whereas, Chloride is known to impact freshwater organisms and plants by altering reproduction rates, increasing species mortality, harm plant respiration, and change the chemical characteristics of the ecosystem.

Now, Therefore, the village board of the Village of Brownsville, Dodge County, Wisconsin, do ordain as follows:

Brownsville Municipal Code Section 13.33 Chloride Source Reduction is created, as follows:

Section 13.33 CHLORIDE SOURCE REDUCTION

- 1. PURPOSE.** The purpose of this ordinance is to provide a program for limiting the pollutant, chloride, from the sewer system and by doing so thus limiting the discharge of chloride into the environment through the wastewater treatment facility and its outfall to Kummel Creek.
- 2. DEFINITIONS.** Chloride is one of two components of sodium chloride, also known as table salt or rock salt. When salt dissolves in water, it separates into sodium (Na⁺) ions and Chloride (Cl⁻) ions. High efficiency softeners are defined as units that achieve hardness removal greater than 3350 grains removed per pound of salt.
- 3. CHORIDE LIMITS AND EFFORTS TO REDUCE.**
 - A. CHLORIDE LIMIT.** Chloride limits are hereby established as follows: Concentrations of chloride contributed to the public sewer system shall be no greater than 500mg/L.
 - B. SOFT WATER OUTSIDE FAUCETS PROHIBITED.** All outside discharges, hose bibs, faucets, irrigation, etc. must be unsoftened. Soft water faucets must only be for inside home use. Upon new construction, and otherwise and as needed, the building inspector or authorized agent will enforce this rule.
 - C. HIGH EFFICIACY SOFTENERS ENCOURAGED.** In an effort to reduce the pounds of chloride discharged to the local environment, optimizations, upgrades, and replacement of inefficient softeners shall be encouraged by village (sewer and water utility) staff. The Brownsville sewer and water utility will promote ways and means for residents and businesses to reduce salt consumption and decrease their contribution of chloride into the sewer system.

4. INSPECTIONS AND PENALTIES. All inspections and penalties for violations of this ordinance shall be imposed as stated in chapter 13 of the Brownsville Municipal Code.

Passed by the Village Board of the Village of Brownsville in the County of Dodge, in the State of Wisconsin on this 9th day of March, 2022.

Tim Kemmel, Village President

ATTEST:

Kat Hull, Village Clerk