

A DROP OF NEWS

Your Stormwater Newsletter

CITY OF SUPERIOR
ENVIRONMENTAL SERVICES
DIVISION OF PUBLIC WORKS
(715) 394-0392
STORMWATER@CI.SUPERIOR.WI.US



Homeowner Tip



Pre-Treat to Minimize Ice
If temps are between 15-30°F applying a small amount of salt or brine (23% salt water) *before* snowfall will keep ice from bonding to surfaces, making clean-up easier.

Upcoming Events

Lake Superior Ice Festival & Orb365

Jan. 26-28th Barker's Isl.
You can be part of the fun by contributing to Orb 365! Additional info below & at: superioricefestival.com

Superior Speakers – Sturgeon in Wisconsin

Feb. 13th 6-7 PM
Lake Superior Estuarium
additional info to right

Superior Stormwater Annual Report Meeting

Weds. Feb. 28, 5:30-6:30 PM
Lake Superior Estuarium
3 Marina Dr., (red Bldg on Barker's Island)
Public meeting to hear about updates to the city-wide stormwater permit.

St. Louis River Summit

March 13-14
UWS-Great Room
A venue for sharing information on the St. Louis River and Estuary. Everyone is welcome!
lakesuperiorreserve.org/event/8th-annual-st-louis-river-summit/

City of Superior Stormwater Training

March 19-20
UWS-Great Room
Contact Andrea with questions or to register: crousea@ci.superior.wi.us
Or 715-394-0392

City of Superior Stream Monitoring Program

Coming this Spring!
Learn more or sign up at: www.ci.superior.wi.us/smp

Sturgeon in Wisconsin—Living fossils in a modern world



When: Tuesday February 13th, 6-7 PM

Where: Lake Superior Estuarium, 3 Marina Dr. (the red building on Barker's Island)

What: Join Paul Piszczek, WDNR Fisheries Biologist, to learn about sturgeon in the St. Louis River and Estuary. Sturgeon are often referred to as "living fossils". These ancient fish can live over 100 years and are highly dependent on good water quality to survive. Wisconsin and Minnesota DNR staff have worked together to stock and study sturgeon in the St. Louis River (SLR). Recent successes in establishing sturgeon in the region speaks to the ongoing efforts to restore the SLR Estuary. Paul will weave together a story of history, general biology and ecology, research, fisheries management, and Lake Superior... all via sturgeon.

Light refreshments will be served. This event is FREE and open to the public.

Smart Salting—Safe for you and your environment!

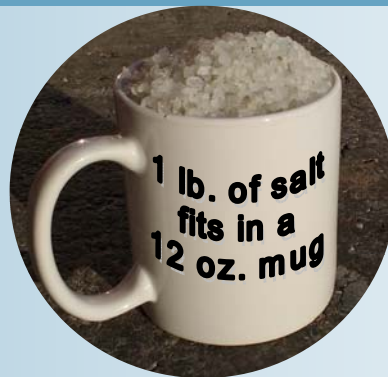
Did you know....



How many extra teaspoons of salt can you keep out of Lake Superior this winter?

1 lb. of salt can contaminate 360 gal. of water!

How much salt is needed?



1 pound of salt treats 300 ft²

That's approximately:

- * 60-70' of sidewalk, or
- * 20' of driveway, or
- * 2 parking spaces

Calculate the area to treat and mark a scoop for the amount of salt you need.

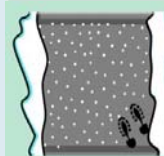
Order of Operations:

1. Shovel



Clear walkways and other areas *before* snow compacts to ice. Less ice means less salt needed.

2. Scatter



If you apply salt, aim for a pattern like this, leaving ~3" of space between salt grains.

3. Switch



When pavement temps are below 15° F salt won't work. Switch to a different ice melter or use sand for traction.

Orb365—A Community Art Collaborative Jan. 26-28th



Be a part of the Lake Superior Ice Festival at Barker's Island by contributing to Orb 365! **Each orb represents a day of the year that water is important to us.**

Work with a group, or as an individual, to contribute to this community art installation by creating frozen orbs!

All ice orbs will be arranged into a larger installation on Barker's Island for the Lake Superior Ice Festival.

Learn more about the project, download instructions & pledge forms at superiorstormwater.blogspot.com, or call Andrea at 715-394-0392.
www.superioricefestival.com





City of Superior Wastewater



Winter Weather Reminder



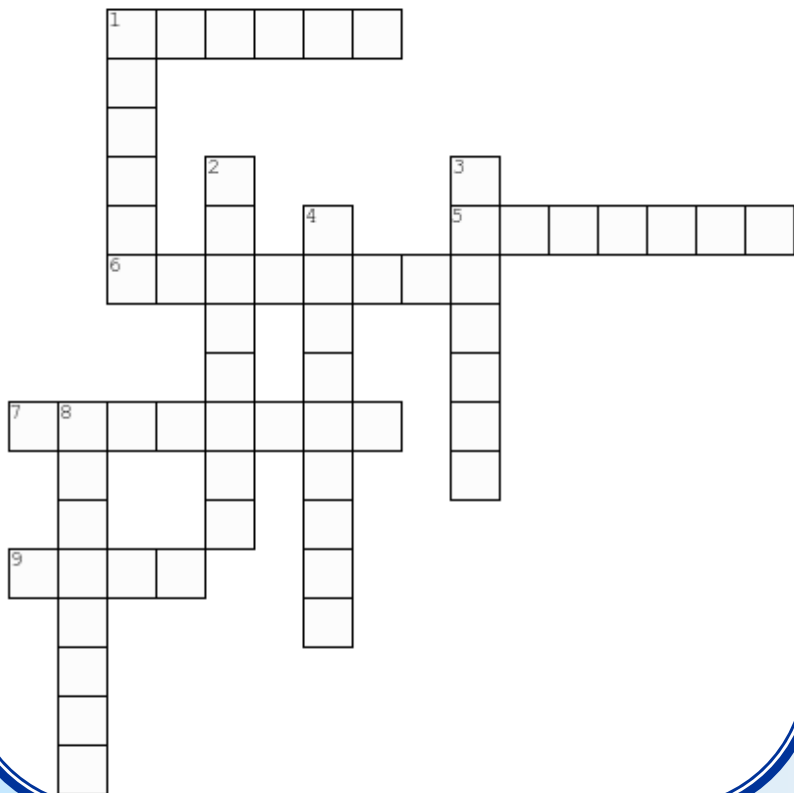
Spring is Coming!

Watch the newspaper and our website at www.ci.superior.wi.us for spring holiday changes and clean-up information!

As we head into the snowy season, please remember to keep the area around your garbage and recycling carts shoveled. In order for the arm of the garbage truck to pick up your cart, it must be at ground level with 5 feet of space between the cart and any other object.

Wastewater Words

Complete the crossword below



Horizontal

- The used water and added waste of a community sent to the wastewater treatment plant.
- Oxygen dependent wastewater treatment requiring the presence of oxygen for bacterial breakdown of waste.
- The term for cleaned water leaving the wastewater treatment plant.
- Single cell living organisms which digest many organic and inorganic substances.
- The term used for dewatered sludge.

Vertical

- The solid waste material which settles out in the wastewater treatment process, sometimes biosolids.
- The term for raw sewage coming into a wastewater treatment plant.
- A privately-owned pipe connecting a building's plumbing to the publicly-owned main sewer line.
- A measure of how clear water is. Typically determined by shining light through a sample.
- The process of adding air to water.

Is Your Dog Licensed? It's the Law.

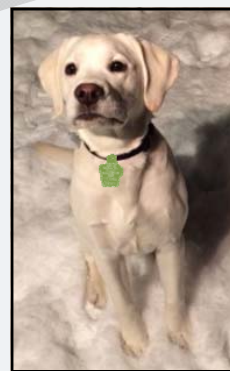
Did you know that the State of Wisconsin, like many others, requires you to license your dog(s)? The majority of the money collected for the dog licenses in the Douglas County is given to the Humane Society of Douglas County to help homeless animals under their care. It would provide tremendous financial support for the animal shelter if **EVERY** dog was licensed. In addition, the license can help you be reunited should your dog become lost. Please get your dog(s) licensed and encourage other dog owners to do the same!

If purchased <i>before April 1st</i> for the following year	If purchased <i>after April 1st</i> for the following year
Fees for Spayed/Neutered Dogs: \$7.50	Fees for Spayed/Neutered Dogs: \$12.50
Fees for Non Spayed/Neutered Dogs: \$15.00	Fees for Non Spayed/Neutered Dogs: \$20.00

Licenses are good each year from January 1st—December 31st. Licenses can be purchased at the Humane Society of Douglas County and the City of Superior's Finance Department. Proof of a current rabies vaccination is required and must be shown at the time of purchase. Fines may be assessed to owners of dogs picked up without a license.

City of Superior Finance
1316 N 14th St Room 200 715-395-7291
<http://www.ci.superior.wi.us/721/Dog-Licensing>

Humane Society of Douglas County
138 Moccasin Mike Rd 715-398-6784
www.hsdcpets.com



ESD Pet of the Quarter Luna.