



# City of Goshen

## STORMWATER TOOLBOX

**Public Works & Utilities**  
**Department of Stormwater**  
**204 E. Jefferson Street**

**Goshen, Indiana 46528**

**574-534-2201**

[bit.ly/goshen-stormwater](http://bit.ly/goshen-stormwater)

**Director of Public Works:**

**Dustin Sailor**

**Stormwater Coordinator:**

**Jason Kauffman— 537-3832**

### Clean Water is a Gift for All

Give the gift of clean water to your family and friends this holiday season by doing the following:

- ❖ Place trash in bags, keep trash cans and dumpsters covered and pick up litter you see as you are out and about and dispose of it correctly.
- ❖ Dispose of Fats, Oils, and Greases (FOGs) in the trash can and not down the drain.
- ❖ Always stand next to the fuel pump when filling up your vehicle to prevent spills.
- ❖ Wash your vehicle at a commercial carwash.

- ❖ Drop off old and expired medications at a local drop off location like the Goshen Police Station.
- ❖ Use only as much salt or other deicing material as needed and sweep up any excess material to use again. Remember to shovel the snow first before applying any salt or deicer.
- ❖ Adopt-A-Storm Drain and keep it clean throughout the year.
- ❖ Remember, Only Rain Down the Storm Drain.
- ❖ Pass these tips on to your friends and family.

### Deicing Grapes

If you are concerned about the amount of salt being used each year across the country, but at the same time don't want to slip on ice, then new research from Washington State University is sure to be a gift. Researchers have found that by mixing grape extract into their deicer product it melts ice faster and causes less damage to concrete and asphalt than other commonly used deicers like road salt, and it is more environmentally friendly than blending salt brine and beet juice.

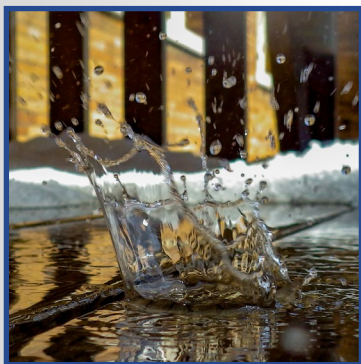
The best part of this research is other types of agricultural waste, like waste peony leaves, sugar beet leaves, dandelion leaves, and waste from apples, can also be used and locally sourced, thus cutting down on fuel usage and greenhouse gases released, while also supporting local folks. You can find out more by following this link: [bit.ly/grape-salt](http://bit.ly/grape-salt).



Cities and towns spread about 27 million tons of road salt, or sodium chloride, on roadways every year to reduce snow and ice. The City of Goshen spreads on average 1,400 tons of salt a year along with sand and Boost to reduce snow and ice. Each year the Goshen Street Department works to reduce the amount of salt used. For more information check out [bit.ly/winter-sand](http://bit.ly/winter-sand).







# A DROP OF NEWS

## Your Stormwater Newsletter

### Freshwater Mussels Act as Nature's Brita Filters

*Merry Christmas,  
Happy Holidays,  
& Peace to All*

Freshwater mussels are a very important part of every waterway they are found in. An individual mussel can filter more than 15 gallons of water a day and they can filter things like sediment and agricultural runoff from the water. Also, they can reduce the number of fecal bacteria in the water; they sequester carbon, phosphorous, and heavy metals; and they can even remove man-made chemicals like pharmaceuticals, flame retardants, and personal care products from the water. Without these amazing creatures, water quality will suffer and that is why recent reports of massive die-offs of certain kinds of mussels are so concerning.

For more information check out a recent NPR report published on December 6, 2019: [n.pr/2RLxrJ7](https://www.npr.org/2019/12/06/788888888/mussels-filter-water).



Freshwater mussels found along a waterway in Illinois. Photo Credit: Illinois Prairie Research Institute

### Report an Illicit Discharge

An illicit discharge is anything other than rain that could flow or be washed into a storm drain. If you see something that doesn't look right please call 574-534-2201, send an email to [jasonkauffman@goshencity.com](mailto:jasonkauffman@goshencity.com), or submit a Stormwater Report through the City of Goshen's new "Report an Issue" button in the upper corner of the City's website ([www.goshenindiana.org](http://www.goshenindiana.org)).

