

Stormy Day Review



Storm Drain Marker Coaster Campaign



The District and the Show-Me Stormwater partnership, consisting of the City of Columbia, Boone County, and the University of Missouri, are hosting an educational coaster campaign to help strengthen the connection of how actions downtown impact local waterways.

No Dumping Drains to Stream storm drain coasters are being distributed in Columbia's Downtown District and businesses in Boone County to remind people that only rain belongs in a storm drain, with the goal of sparking conversations about our waterways and solutions to stormwater pollution.

Storm drains are the metal grates often found at street corners and on the sides of curbs and gutters. They help prevent



flooding by draining the increased amounts of rainwater and snow melt from streets and other hard surfaces, such as buildings, sidewalks, driveways, parking lots, and alleyways. Storm drains, ditches and culverts are prone to blockage, preventing them from draining the road's property, and leaves and trash are the prime culprits. Stormwater runoff runs downhill, acting as a lint roller, picking up cigarette butts, litter, dog waste, and other pollution on its way to our streams, creeks, and rivers. Storm drain systems carry the water and take any pollution directly to a stream.

No matter where you are, a designed or natural storm drainage system is in place to help stormwater find its way to a local waterbody. Watersheds support various plants and wildlife and provide many outdoor recreation opportunities. Protecting the health of our watersheds preserves and enhances the quality of life for Boone County community members.

Storm drain markers remind us that only rain belongs in a storm drain and why it's essential to protect our local waterways for future generations.

If your Boone County business is interested in having Show-Me Stormwater coasters to help spark conversations about stormwater stewardship and how actions in our community impact our waterways, Email stormwater@boonecountymo.org

Event Calendar

January 1st
 First Day Hike at Rock Bridge Memorial State Park
<https://mostateparks.com/park/rock-bridge-memorial-state-park>

January 4th
 Grow Native! Master Class: Landscaping with Native Wetland Plants
<https://moprairie.org/events/>

January 18th & 19th
 Annual Agroforestry Symposium: Demystifying Perennial Crop Improvement & Integration
www.CenterforAgroforestry.org

February 10th
 Carbon Farming Expo
<https://carbonfarmingexpo.com/>

March 25th
 Spring Rock Bridge Memorial State Park Monitoring Blitz
<https://forms.gle/LVTnnGV5eZy1TCAo8>

Salt Smart - Stormwater Facts

Salt or ice melt is used to keep roads, parking lots, driveways, sidewalks, and the public safe in the winter. When snow and ice melt, the salt goes with it, polluting our lakes, streams, wetlands, and groundwater.

Once chloride from road salt is in the environment, it does not disappear. Chlorides can alter soil composition, slow plant growth, damage vehicles, and weaken concrete, brick, steel, and stone infrastructure.

One teaspoon of salt can pollute five gallons of water to a toxic level for freshwater organisms.

Together we can use the right amount of salt to keep roads safe while reducing our environmental impact.

You can help by following the 4 Steps to Be Salt Smart and going to saltmart.org to learn more about solutions to stormwater pollution and being Salt Smart.

4 Steps to Be Salt Smart

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| 1 | 2 | 3 | 4 |
| <p>Shovel first. Clear all snow from driveways and sidewalks before it turns to ice.</p>  | <p>Size up. More salt does not mean more melting. A 12-ounce coffee mug of salt should be enough for 500 sq ft of driveway or about 10 sidewalk squares.</p>  | <p>Spread. Distribute salt evenly, not in clumps.</p>  | <p>Switch. Rock salt stops working if the temperature is below 15 degrees. When temperatures drop that low, switch to a deicer formulated for colder temperatures.</p>  |



Quick Quiz

Take this quick quiz at <https://forms.gle/2Z2dd2oc3hCg2fwR8> or send it to Michele Woolbright in Resource Management, or email them to Stormwater@boonecountymo.org with your answers by January 5th. Participants can win a travel mug!

1. What event is on February 10th?

2. A single teaspoon of road salt can pollute how many gallons of water?
 A) Less than 1 gallons B) Between 20 and 90 gallons C) 5 gallons