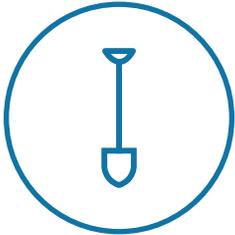




HOW CAN WE REDUCE POLLUTION IN OUR WATERS?

Stormwater runoff is not treated before it makes its way into local creeks and streams. Rather, rainfall and snowfall pick up whatever chemical compounds and/or trash lie on developed land.



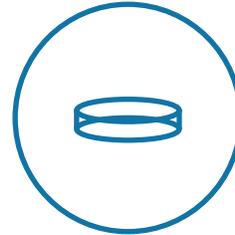
SEDIMENT



CHEMICALS



VEHICLE WASTE



BACTERIA



LITTER

DO YOUR PART

Together we can reduce stormwater runoff and prevent pollution from entering our streams and rivers.

Keep contaminants out of drains, sewers and streams.

NEVER POUR CHEMICALS, cleaning supplies, fats, oils, grease or medicines down the toilet. Small items like bandages or dental floss can also clog pipes.

SWEEP GRASS CLIPPINGS back onto your lawn so they do not get washed into storm drains. Never dump excess dirt or other yard waste into ravines, creek beds or streams.

BE CONSERVATIVE when using pesticides and fertilizer. You can prevent polluted runoff into nearby water resources by opting for greener landscaping maintenance methods.

Capture rainwater.

The more water that runs off your property, the more water the city must divert and manage. Capture rainwater and use it on your lawn by installing rain barrels. You can also direct downspouts and gutters onto your lawn/plant beds. Make your yard thirstier—and prettier—by installing native plants with deep root systems, which hold soil in place.

Minimize impervious surfaces.

Reduce your personal runoff impact and beautify your home by opting for:

PAVERS/BRICKS

POROUS/PERMEABLE CONCRETE

MULCH

GREEN ROOFS

OTHER SUSTAINABLE FEATURES

Learn even more ways to minimize your impact and keep up with current issues at

PEORIASTORMWATER.COM

2017

OUR WATER, OUR WAY

Peoria must address problems caused by wet weather.
Let's choose solutions that add beauty, save money and
protect our beloved waterways.



LEARN THE ISSUES

After a storm or snowmelt, where does the water go? Peoria is facing major problems as a result of how the water currently drains.

AGING INFRASTRUCTURE

When infrastructure fails, it can pose a major safety threat to citizens. Due to funding constraints, the city does not know the safety condition of miles of underground storm sewers.

To save taxpayers money and keep citizens safe, we must extend the life of our existing infrastructure and make repairs before they become costly emergencies.

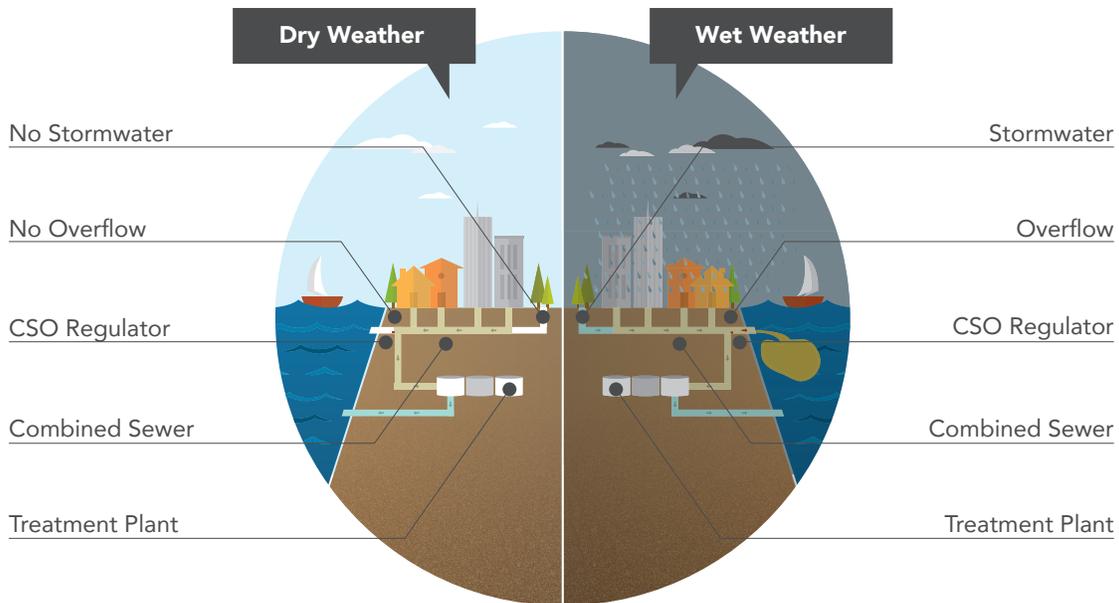
GROWING LIST OF PROBLEMS TO FIX

Public Works has received nearly **1,250 citizen service requests** for drainage related issues since 2014. Due to funding constraints, Peoria has not been able to keep up with maintenance and upgrades.

As of October 2017, the total backlog of 400+ stormwater-related projects included 19 high-severity capital projects. The actual funding needed would be up over **\$17 million** if all issues were addressed.

COMBINED SEWER OVERFLOWS (CSOs)

Peoria has combined sewers located in older parts of town carrying both sanitary wastewater and stormwater. While fine in dry weather, combined sewers present risks during wet weather.



During dry weather

All sewage from homes and businesses is sent to the treatment plant by a "regulator," or small dam.

During wet weather

Between 20 & 30 times a year, rain/snow overloads these sewers. They don't have enough capacity to carry wastewater to the treatment plant, so untreated sewage flows into the Illinois River.

CSOs aren't just gross, they are no longer acceptable. Peoria has an unfunded mandate from the U.S. Environmental Protection Agency to dramatically reduce CSOs. We will face major punitive costs if we do not comply.



RETURNING TO NATURE'S WAY

We are forced to address our CSOs and stormwater issues. But this is a great chance as a community to explore solutions and funding streams that are right for us. Let's be trend-setters, go-getters and make a splash as we find innovative solutions for our city.

GOING GREEN

Peoria has a lot of "impervious" surfaces: parking lots, roofs, patios, driveways, etc. These surfaces don't allow rain and snow to easily soak into the ground. With less land available to allow infiltration, more rain and snow runs off into the sewer system or elsewhere.

To reduce combined sewer overflows and slow down the rate at which stormwater rushes to nearby channels, Peoria plans to use more green infrastructure throughout our city. In fact, we want to address CSOs using 100%

green! Rather than building more "gray" infrastructure (like pipes, tanks or tunnels), the city would install features like pervious pavement and rain gardens to prevent stormwater from entering combined sewers in the first place. This would also lessen the stress placed on aging infrastructure.

Other cities are using green infrastructure as part of their CSO plans. Peoria can do even more.

PEORIA COULD BE THE FIRST CITY IN THE NATION TO USE A 100% GREEN SOLUTION TO COMBAT CSOs. GREEN SOLUTIONS INCLUDE:



Rain Gardens



Bumpouts



Green Alleys

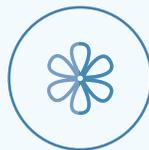
WHY GREEN WORKS



SAVES
MONEY



INVOLVES LOCAL
BUSINESSES



BEAUTIFIES
PUBLIC SPACES



DECREASES
POLLUTANTS



IMPROVES
AIR QUALITY