UNDERSTANDING THE SEWER SYSTEM

DID YOU KNOW JERSEY CITY HAS A COMBINED SEWER SYSTEM?

A Combined Sewer System (CSS) is when wastewater and stormwater enter the same pipes underground.

Combined sewer overflow (CSO) during heavy rain events, untreated stormwater and sewage overflow into the river.

WHY IS THIS A PROBLEM?

Water from a结合 Sewer System can enter the sewer system during heavy rain events, and if the system becomes overwhelmed, the untreated stormwater and sewage will overflow into the river.

TIPS TO RELIEVE THE SEWER SYSTEM WHEN IT'S RAINING

WHAT CAN YOU DO?

In your home & community

When it's raining you should avoid releasing more water into your drains because there's already a lot of rainwater flowing into the sewer system.

Don't put chemicals down the drain.

Avoid using chemical cleaners and fertilizers.

Reduce the amount of water you use.

Try using a broom and dustpan instead of a hose.

Green Infrastructure (GI)

Have you heard of Green Infrastructure?

GI is a common alternative to absorb storm water instead of having it running to underground sewage. Here are some examples:

Bioswale

This is a system of depressed areas with plants, soil, and Amendment such as grass. It slowly releases rainwater into the ground, reducing the amount of water that goes directly to the sewer system.

Rain Garden

A rain garden is a collection of plants that absorb stormwater runoff. These plants, depending on their size, can help absorb and filter stormwater into the ground or into underground storage tanks.

Rain Barrel

A rain barrel is a container, usually made of plastic, that is connected to downspouts of your roof to collect rainwater. This water can then be used for watering plants, washing clothes, and other household needs.

Porous Pavement

This permeable surface allows stormwater to pass through it, rather than collecting on the surface. This helps prevent localized flooding and can also reduce the amount of stormwater that enters the sewer system.

TO LEARN MORE VISIT WATER.INNOVATEJERSEYCity.ORG