

Gardner Avenue Detention Basin



Explore & Discover

WHAT ARE DETENTION BASINS?

Detention basins are excavated areas that hold stormwater temporarily. They may be located at the surface and filled with plants. They may also be a concrete structure located underground.

How it Works: Wet Weather

DRY WEATHER

OUTLET

INLET

Inlet and outlet features allow water to flow into the detention basin while controlling how much and how quickly water can flow out of it.

Green Infrastructure

- Helps our community manage stormwater the way nature intended by capturing and utilizing rainwater where it falls.
- Decreases the amount of water getting into our pipes, improves water quality, and reduces flooding, pollution, and trash in our creeks, streams and rivers.
- Detention basins are a more traditional stormwater management practice. They are often located in low-lying open areas or under parking lots.



OUR GOAL? Protect public health and the environment with infrastructure to last a lifetime.

KC Water's Smart Sewer program is a multi-decade initiative to upgrade Kansas City's wastewater collection system to last for generations, while meeting the requirements of our Consent Decree with the U.S. Environmental Protection Agency.

Green infrastructure plays an important role in this program by helping our community manage stormwater the way nature intended by capturing and utilizing rainwater where it falls. It is a long-term solution that looks beautiful above ground and works wonders below. Every gallon of rainwater that green infrastructure keeps out of our combined sewer system helps lessen the volume of combined sewer overflows in our creeks, streams, and rivers.

As part of the Consent Decree, KC Water plans to treat at least 480 green acres, or acres of impervious surface like streets and parking lots, using green infrastructure in the combined sewer system by 2035. Learn more at kcsmartsewer.us

Target Green Marlborough West Detention Basin



Gardner Avenue Detention Basin



Learn more about Kansas City's Green Infrastructure Program:
WWW.KCSMARTSEWER.US/GREEN

