



Impacts of Bacteria on Prosper Waterways

Elevated levels of bacteria in streams can negatively affect water quality, the health of the aquatic ecosystem and activities such as fishing, swimming and wading.

The Town of Prosper's segment of Wilson Creek is on the Texas Commission on Environmental Quality (TCEQ) list of impaired water bodies also known as the 303(d) list, for elevated levels of bacteria.

Elevated bacteria levels have many causes, one of the largest is the amount of agricultural land that is located within Town limits. However, all residents are able to help reduce the bacteria levels in Wilson Creek by simply following some of the tips listed below.

What can you do to help prevent elevated bacteria levels in our local waterways?

Pick Up Pet Waste

Picking up after your dog might not sound like a big deal, but when you consider all of the furry friends that live in Prosper, their collective waste has a negative impact on water quality.

Dog poop that is not picked up, has a chance of being washed off of your grass and directly into the storm drain.

Many households accidentally over water their lawns, creating runoff that picks up dog poop, fertilizers, pesticides and many other harmful pollutants.

Limit the Amount of Runoff you Create at your Home

Adjust your sprinkler system to use the minimum amount of water to keep your grass green without running off into the sidewalk/street.

Wash your car at a car wash facility or your lawn so harmful wastewater is not picking up bacteria and other pollutants and depositing them into local streams.

When power washing driveways, re-claim water to prevent runoff.

Contain Livestock Waste to the Best of your Ability

When washing livestock pens, try to ensure that waste water is not entering water bodies.

Filter wash water across lawns or other vegetation.