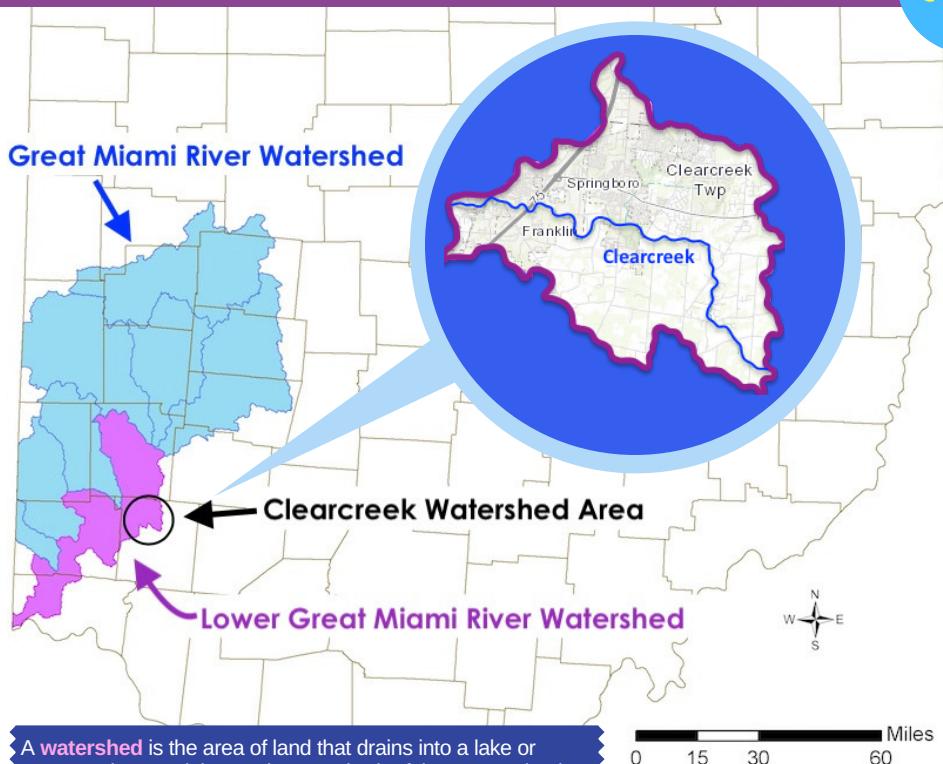


How Are We Doing With Water Quality?

Water quality impacts our health, recreation, drinking water, aquatic and wildlife habitats.

77%

Of land in the Clearcreek watershed is developed, has crops, or is pasture.



A **watershed** is the area of land that drains into a lake or stream. Clearcreek is a "sub-watershed" of the Great Miami River watershed.

WATER CAN BE STRESSED OUT TOO



Land use in a watershed can cause a significant amount of stress for the bodies of water within it.

The biggest threats to water quality in the local and greater watershed areas are stormwater and agricultural runoff. This is due in part, to increased rain fall.

How Much is Too Much?

Watersheds can only take a certain amount of "stressors" such as stormwater runoff from communities, agriculture, wastewater and industry discharge. For a small watershed, it doesn't take much to cause "stress".

Clearcreek Water Quality Rating

Poor

Fair

Good

Excellent

EPA measures our water quality as an overall rating based on the pollutants, types of insects and fish (indicator species), and the quality of habitat they find in streams and rivers. While Clearcreek's overall rating is good, there is room for improvement. Keeping our streams and ditches as clean and natural as possible can help us reach excellent!

It takes very little time to stress our water quality.
Keeping it clean takes a proactive, community effort.

You can help maintain our water quality:

Get to know your watershed & participate in local water quality policy making. Visit mcdwater.org, mcdwater.wordpress.com or ci.springboro.oh.us

Reduce or eliminate your use of fertilizers and lawn chemicals. Take a DIY soil test to see what it needs.

Prevent soil erosion and keep your drainage ditches and water way areas vegetated.

Want to learn more?

- **State of the Water Report:** www.mcdwater.org/preserve-our-water/state-of-the-water/
- **Soil Testing for Ohio Lawns, Landscapes...** ohioline.osu.edu/factsheet/hyg-1132
- **Booklet for Homeowners:** www.cuyahogaswcd.org/files/resources/greenyardsandhealthyhomesbooklet.pdf



References:

Ohio EPA Technical Report EAS/2012-5-7 Biological and Water Quality Study of the Lower Great Miami River and Select Tributaries May 2012
Ohio Integrated Water Quality Monitoring and Assessment Report, Retrieved from: <http://epa.ohio.gov/dsw/tmdl/OhioIntegratedReport>
MCD 2015 Water Data Report, Retrieved from: www.mcdwater.org/wp-content/uploads/2015-Water-Data-Report-FINAL-reduced.pdf