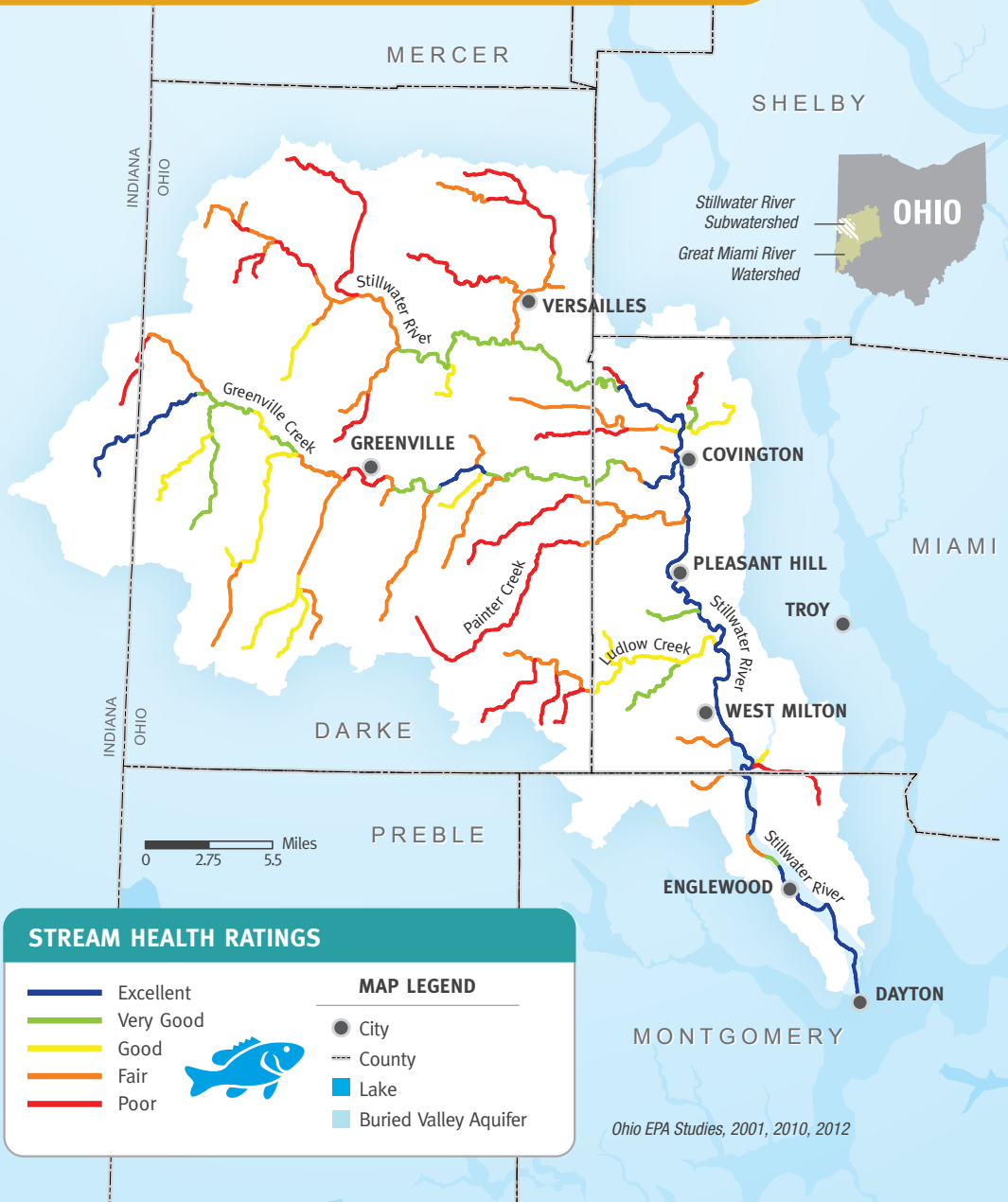


State of the Water 2003-2021 Stillwater River

Subwatershed of the Great Miami River



Stillwater River in good condition *Challenges to water quality remain*

Only
52%
of stream miles
meet Ohio water
quality standards

— Ohio EPA studies 2001, 2010, 2012

Causes of Unhealthy Streams

- Increased impervious surfaces
- Destruction of floodplain
- Changes to the shape of the stream channel
- Unhealthy levels of nitrogen and phosphorus

How healthy is the groundwater?

Groundwater in the Buried Valley Aquifer is generally of excellent quality. Under some conditions, naturally-occurring arsenic can be present at levels high enough to pose a risk to human health. Homeowners who drink water from a private well should have their water tested regularly.

Nutrients

Nitrogen and phosphorus enter waterways when it rains, impacting water quality. Both are found in fertilizers, animal waste, sewage, and wastewater.

— Miami Conservancy District studies 2005-2017

2.3 million
people

in southwest Ohio
rely on groundwater
for drinking

MCDWATER.ORG
@MCDWATER

