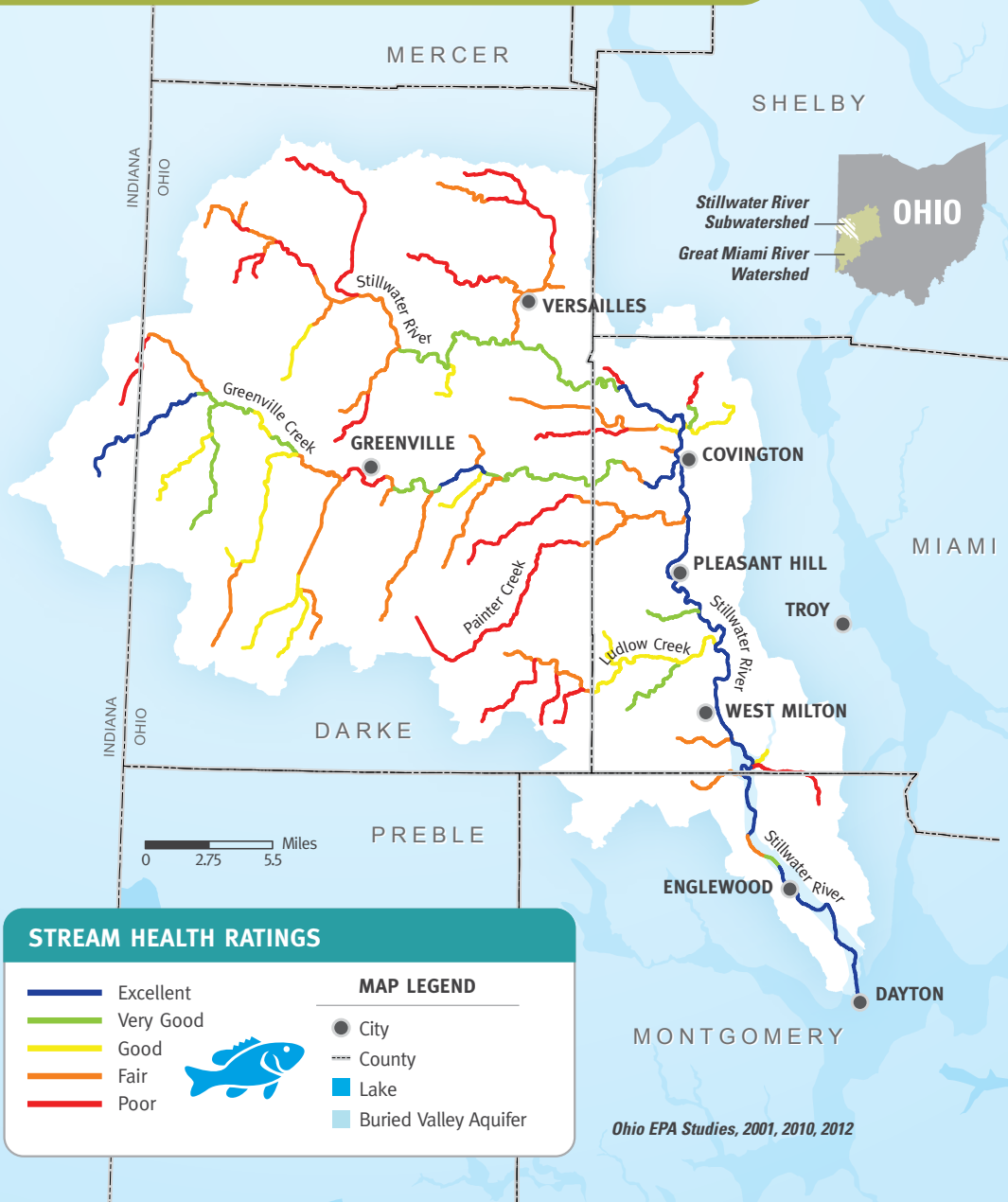


# State of the Water 2003-2017 Stillwater River

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

