

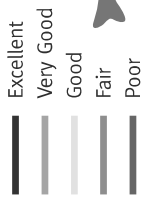
State of the Water 2001-2015

Mad River

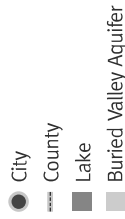
Subwatershed of the Great Miami River



STREAM HEALTH RATINGS



MAP LEGEND



Ohio EPA Studies, 2001, 2010, 2012

78% of stream miles meet Ohio water quality standards
 - Ohio EPA studies 2001, 2010, 2012

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 2005-2015



Causes of Unhealthy Streams

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

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.

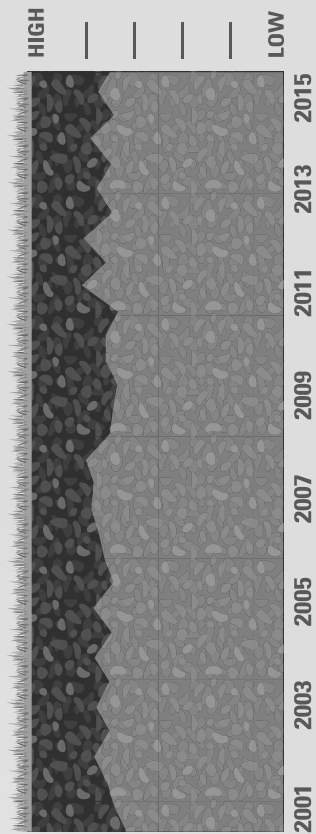
2.3 million people in southwest Ohio rely on groundwater for drinking

Mad River

helps recharge the Buried Valley Aquifer

Buried Valley Aquifer provides flow to the Mad River

Drought Ready - Groundwater Levels Remain High



MCDWATER.ORG
 @MCDWATER

