

NITRATE/ NITRITE WATER TESTING

Wesley Rieth, Southwest Michigan Planning Commission

What's a nitrate?

- Nitrate (NO_3) is combination of oxygen and nitrogen. Nitrogen is a naturally-occurring element.
- Nitrite (NO_2) occurs when the human body takes in Nitrate.
- This is bad!

Where do Nitrates come from?

- Nitrates can be absorbed into our groundwater, and then into our wells.
 - Agriculture runoff
 - Septic tanks
 - Industrial waste
 - Naturally occurring

What if my water tests positive?

- Nitrates are most harmful to infants and young children
- However, they are dangerous to everyone!
- A comprehensive test is most likely needed!

How can I fix the problem?

- ① Have your water tested by a laboratory.
- ① Have your well and septic systems inspected by the appropriate professionals.
- ① Certain water filtration systems are available (reverse osmosis)

Any Questions?