**What do we Know About Nitrate Leaching in Wisconsin?**

1. Which of the following variables influence nitrate leaching losses to groundwater?

1. Soil Texture
2. Tillage
3. Vegetation Type
4. Fertilizer Rate
5. All of the above

2. Nitrate leaching losses of 35 lbs N/acre and 10 inches of groundwater recharge would be expected to result in a nitrate-nitrogen concentration of:

1. Less than 5 mg/L
2. 5-10 mg/L
3. 10-15 mg/L
4. 15-30 mg/L

3. The percentage of private wells statewide that are greater than 10 mg/L and considered unsuitable for drinking is between 8-10%.  What is the percentage of wells greater than 10 mg/L in areas where more than 75% of the land is cultivated?

1. ~5%
2. ~10%
3. ~15%
4. ~20%
5. ~50%

4. True or False? Nitrate exported to surface waters contributes to Gulf Hypoxia in the Gulf of Mexico as well as eutrophication/harmful algal blooms in Wisconsin’s lakes and rivers.

1. True
2. False

5. Which of the following best describes the Nitrate Trends in Public Water System data?

1. Most wells do not show trends, but of those that do, more wells are increasing than decreasing.
2. Most wells do not show trends, but of those that do, more wells are decreasing than decreasing.