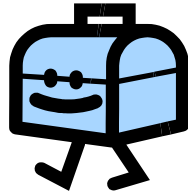


Nebraska Water Center & Nebraska Department of Environmental Quality



Brown Bag Seminar

Topic: "Assessment of Aquifer Nitrate from Sampling in Streambeds"

will be presented by:

Troy Gilmore

**School of Natural Resources
University of Nebraska-Lincoln**

Aquifer nitrate may be removed during transport (via denitrification) but may also discharge into streams, degrading surface water quality. Because groundwater moves slowly through aquifers, there may be a significant lag time between the time when management practices change and the time when those changes begin to influence stream water quality. Groundwater age-dating techniques can be a useful tool to set expectations for the time scales for watershed response to nutrient management. In this talk, a streambed sampling approach will be described, and the implications of groundwater lag times will be discussed.

When

**Tuesday, March 7th
12:00-1:00pm**

Where

**Nebraska Environmental Quality
Atrium Building (second floor conference room)**

*Join us for an informative hour followed by opportunity
for questions and discussion.*

DON'T FORGET to bring YOUR LUNCH!