



NEWSLETTER Issue 20 July 10, 2022

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Promising New Methods to Reduce Nitrates

Please join us at the next 14 Mile Watershed Alliance meeting on **Monday, July 11 at 6:00 pm at the Lake Sherwood Lodge lower level**. Our speaker for the evening will be Scott Provost, DNR senior water management specialist, who will discuss ways to control nitrate runoff in the Leola Drainage District which is part of the 14 Mile Creek Watershed.

Scott will discuss several new best practices that may reduce nitrate runoff in the watershed which eventually makes its way into the Rome lakes and promotes the growth of algae. We will learn about the use of saturated buffers between agriculture

fields and the drainage ditches upstream of the lakes. Saturated buffers have been shown to reduce nitrates in test fields in neighboring states.

Scott will also discuss the use of bioreactors which use woodchips to filter out nitrates, and have proven effective in fields in Iowa, Illinois and Minnesota.

The DNR is currently seeking volunteer landowners in the 14 Mile Creek Watershed to participate in testing these new methods. We are hopeful that use of new best practices such as these will eventually be helpful in reducing nitrate levels in our watershed.

Click [Here](#) to view the meeting agenda and zoom instructions

The 14 Mile Watershed Alliance is a nonprofit organization dedicated to the improvement of surface and groundwater in the 14 Mile Creek Watershed. See us at 14milewatershed.org and <https://www.facebook.com/14MileWatershed>

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