



WLA August Meeting

The Winans Lake Association August meeting will be held on 8/9 at 6:30 at the beach.

August Beach Activities

August 11 from 2 pm - 4 pm is the next Fun Day. This month's fun activity is an Ice Cream Social with music, hula hooping, limbo, and ice cream.

August 24 is the next Friday evening grilling. Bring your own food and beverages and join your neighbors for a relaxing evening at the beach complete with a beautiful sunset.

Sedimentation of Winans Lake, North Shore - Volunteers Needed

The Winans Lake Association Board (board) has been discussing the issue of stormwater runoff, the erosion and sedimentation of the North shore of the lake during this past year. To accelerate progress on this important topic, a Committee will be formed to begin studying and developing recommendations. Please review the summary below and if you are interested in participating on this Committee, contact Dennis Durnwald (*contact info appears at the end*).

The topography of the land North of Winans Lake (especially the Teahen Road area) and development of homes and roads in this area have created the “perfect storm” for generating erosion and subsequent sedimentation from this drainage/sub-basin. At the Teahen and Cowell Road intersection, the runoff flowing down Teahen Road during rain storms can dump all of the suspended solids and much of the sediment directly into the lake. A similar problem exists from stormwater drainage coming from the Cowell Road area, East of Teahen. As a result of many years of stormwater runoff /erosion from this area, the North shore of the lake has gradually filled in with sediment.

Recently, residents that live on the North side of the Lake have requested that the board take action on this issue. Some homeowners on Cowell Road can no longer launch a paddle boat from their docks due to sediment filling in the lake. A study completed 11/6/1996 for WLA entitled “North Winans Lake Area ...” by the Livingston County Road Commission stated the following: “Adverse effects caused by suspended solids (SS or TSS) include turbidity, a yellowish plume evident after a rain event, reduces light penetration, clogs respiratory organs of fish and invertebrate organisms, and reduces spawning and survival of fish populations.” Nutrient pollution (excess levels of phosphorus and nitrogen) can also occur from excess stormwater runoff dumping into



the lake. Excess levels of nutrients can cause algal blooms which reduces clarity and depletes oxygen in a lake. In summary, due to the above problems and others discussed in historic studies, it is time for this issue to be addressed by the board.

To accelerate progress, a standing Committee will be formed to study the historical work on this topic, develop a path forward and possibly a control plan. The County Road Commission is also interested in resolving this issue and the Committee may work with the County to develop its plan. **Again, if you are interested in joining this Committee, please contact Dennis Durnwald** (dcdurnwald at gmail dot com). If possible, the committee will have at least one member from each quadrant of the lake (per WLA bylaws).

Gypsy Moth Update

(Note: the gypsy moth action group is separate from the WLA. Information is being provided as a service to the Winans Lake community.)

The gypsy moths are here this summer and will be back next spring. An action committee of neighbors formed and has met twice to explore options and come up with a strategy to take out the gypsy moths next spring before they can create chaos with their frass (caterpillar poop), destroy trees, and affect even more neighbors and trees around Winans Lake.

Gretchen Voyle, a 30-year employee of the Livingston County MSU Extension Service and gypsy moth expert, educated the committee and interested residents on ways of dealing with the moths when an infestation is so extreme. Arborist Jeremy Hertz and a representative of MSU Extension Service who saw this year's infestation said it was the worst outbreak they had ever seen.

Doing nothing is not an option as the infestation has already spread and will continue to do so without intervention. The consensus of the 20 neighbors present at Gretchen's presentation was to spray the trees in the spring with *Bacillus Thuringiensis* var. *kurstaki* (Bt-k) to eliminate the majority of the moths. Bt is a naturally occurring soil bacteria that kills the caterpillars in the early stages of their development before they can eat so much of the canopy that it damages the trees. Bt-k is not dangerous to humans, pets, animals, or the environment.

By looking for egg masses and tree damage the action committee is also working to identify the area that has been infested by the gypsy moths. Egg masses have been found in the southwest area of Winans Lake – in trees:



The egg masses have also been found on sidewalks and foundations:



Once the infected is identified, its perimeter can be expanded to ensure that the area we spray next spring will cover any caterpillars that might escape our detection. Each egg mass contains **1000-1500 future caterpillars**—that is a lot of frass and damage! The committee is also investigating the cost of aerial spraying and how to coordinate efforts to provide this information to Winans Lake and other nearby residents.



If we do nothing, we will be overrun by caterpillars. We risk losing many mature oaks that were defoliated this year and were weakened by growing a second set of leaves under drought conditions. *(Mary Anderson, coordinator)*

Lake Life

Ryan let this big guy go to fight another day.





Thanks to the fish committee for maintaining a healthy environment and fellow fishermen for participating in "catch and release".

July's Beach and Grill night was a huge success. Bigfoot Bob returned to solid acclaim.





Dinners were brought and shared; significant birthdays recognized and everyone had a great time.





WLA Web Site

The Winans Lake Web Site is up and running. Check it out for the latest news and beach schedule at [WinansLake dot org.](http://WinansLake.org) Beach news can be also be found on the [WLA Beach Facebook](#) page.

Newsletter

Please send any articles or pictures you'd like included in the newsletter to Terre Voegeli (voegelit@gmail.com).

You are receiving the Winans Lake Association newsletter because you are a current Winans Lake Association member on the Lakelands country club membership list **OR** because you have asked to receive the newsletter in past years. You can email me directly (voegelit@gmail.com) to add additional household email addresses or make other changes.