



Seven Lakes West
Landowners Association

BOARD OF DIRECTORS GENERAL MEETING MINUTES

BOARD OF DIRECTORS MEETING

Tuesday, February 23, 2021@ 7:00 pm

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| Call to Order | President Ryan Fox |
| Directors Present | Vice President John Goodman, Secretary Pat Zlotin, Treasurer Lois Ann Eisel, Directors Todd Brown, Jim Greaves, Roberta Maness |
| Directors Absent | None |
| Association Management Present | Sharon Hodges, Community Manager, Assistant Community Manager, Safety and Security Manager, Courtney Lovely |
| Location | Video Conferencing via Zoom |
| Quorum Established | Yes |

Report 5

SLWLA Master Plan ad hoc Committee Monthly Report

Submitted: 2/17/21

Chair: Dan Lambert

Month: February, 2021

Current Initiatives Update

The Master Plan Committee has held several meetings in both January and February.

Subjects covered:

The committee has spent a large amount of time over a two-month period discussing the proposal which was solicited by this committee for NC State University to *Evaluate Natural (wind) and Anthropogenic (boat) Wave Energy and its Impacts at Auman Lake*. The committee has met several times discussing this proposal and has concluded that it will send a motion to the Board to approve the study. It should be noted that the Lake, Dam, and Master Plan Master Plan Committees have all endorsed this study. A summary of the Proposal and its value to Lake Auman follows. First the motion:

Motion:

- a. **SLWLA will fund the project known as " A Proposal to Evaluate Natural (wind) and Anthropogenic (boat) Wave Energy and its Impacts at Auman Lake, Moore County, North Carolina" for an estimated cost of \$80,464.**
- b. **The project will be managed under the sole direction of Dan Lawson or his designee(s), in coordination with the research team from NC State University.**

NCSU Study Proposal Summary

The community is very much divided on the issue of ‘what constitutes a pleasant lake experience’. Various opinions and related issues have been brought to the board for resolution, but have been largely rebuffed due to the lack of evidence to suggest a change in regulations. Some groups and committees have advocated for bans of certain activities, types of boats, or number of boats due to their perceived disruption of other activities on the lake, or to the point of causing damage to docks, bulkheads and the latest theory that the dam itself could become damaged. NO informed decision can be made until we come up with basic data on how Lake Auman is currently used and the potential impacts of the watercraft on the lake. To that end the ad hoc committee has voted to fund a North Carolina State University proposal to “Evaluate Natural (wind) and Anthropogenic (boat) Wave Energy and its Impacts at Auman Lake, Moore County, North Carolina.

What will this proposal do to help in decision making?

1. Survey of lake traffic on a daily basis to determine boat density and usage level. This helps to assess impact and has been a key missing ingredient to any rational discussion.
2. Annual wave energy budget impacting multiple sites (dam, pine island, two exposed bulkheads, two sheltered coves) generated by:
 - a. Wind
 - b. Watercraft
 - c. Breakdown by watercraft type (ski, wake boat, pontoon, etc.)
 - d. Plus the physical height and frequency of the waves themselves to understand single event cause and effect potential.
3. Characterization of bottom currents as above (due to wind, prop wash from watercraft) and impact on potential sediment transfer due to boat prop wash vs natural wind driven waves in sensitive areas (along bulkheads, face of the dam, etc.)
4. Potential Impact on fish habitat areas (submerged vegetation).
5. Good baseline photo-bathymetry along the dam face and other areas on the lake to help characterize wave induced erosion.

What this proposal will not provide.

1. Relatable benchmarks against some national design standard of impact on bulkheads or the dam. None exist.
 - a. The benchmark for this study is the Annual Wave Energy impacts due to wind on this lake.
 - b. Are boat induced wave energy impacts of the same magnitude? Far less, More?
 - c. What's the impact of different types of boats or activities?
This can be assessed in relation to the annual wind estimate of shoreline impact.
2. It's up to the Committees and the Board to interpret the results and develop policy, not NCSU. Researchers might be able to help, but that is beyond the scope of this study.

Other Master Plan Committee business:

1. A brief discussion concerned some Master Plan history items that are making history right now! It was agreed to make a point in time where current events will have to be documented in the next Master Plan revision!
2. Phase 2 of the Master Plan is in its infancy. The Recommendations and the 5-10 year plan will come a little later this year. There will be a meeting for the sole purpose of discussing the remaining history items at the next meeting.