



CHARTER TOWNSHIP OF MERIDIAN
LAKE LANSING ADVISORY COMMITTEE REGULAR MEETING
5151 Marsh Road, Okemos, MI 48864
Administrative Conference Room
Tuesday, October 8, 2019 5:30 PM

PRESENT: Chair, Curt Armbruster (tier1); Robert Hollenshead (tier1); Tim McCarthy (tier1);
Steve Culling (tier2); Ron Rowe (tier1)
ABSENT: Larry Wagenknecht (tier2); Paul Pratt (ICDC)

STAFF/
TOWNSHIP: Younes Ishraidi
COUNTY: Coe Emens (ICP)
Others: Chris Andrews; Susan Andrews; Pam Tynning

1. CALL MEETING TO ORDER

Chair Armbruster called the meeting to order at **5:30 pm**.

2. PUBLIC REMARKS

Chris Andrews stated that he appreciates all the work the committee is doing. He added that he also thanked Coe for fixing the power wash at the boat launch. He stated that he would like to see the committee work with the county to improve enforcement of boat wash requirements in light of the new state law. For example, he suggested the use of big signs with clear message that it is the law. He added that the county and the committee should engage volunteers and schools to help spread the word out.

3. APPROVAL OF AGENDA

The following agenda items were approved unanimously:

- A. Approval of Minutes
- B. Advisory Committee Membership - Tier 1
- C. November Meeting Time Change
- D. Ingham County Parks Grant Application Update
- E. Consultant Report

3A. Approval of Minutes

The September 10, 2019 meeting minutes were approved with a couple of corrections.

3B. Advisory Committee Membership - Tier 1

Committee member Robert Hollenshead (tier1) announced his resignation from the committee and recommended that Dr. Susan Andrews replace him. Chair Armbruster thanked Bob for his long service (longest serving committee member) and commended him on his contribution to lake residents and the Township. The committee then unanimously passed a motion to recommend Dr. Andrews for the Tier 1 vacancy. Younes stated that he'll follow up with the Clerk's office to add this on next Township Board's agenda.

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3C. November Meeting Time Change

Younes requested that the committee consider changing the November meeting time to the third Tuesday of the month in order to avoid a conflict with his schedule. The committee passed a motion unanimously approving the date change to November 19th.

3D. Consultant Report

The lake consultant, Pam Tynning with Progressive a/e, started her presentation by discussing the aquatic plant survey conducted after the second round of “Diquat” herbicide treatment. She went over the plant summary sheet distributed to committee members, and answered related questions about the survey’s report including how to interpret the spreadsheets. She stated that one of the emerging invasive plants that has been detected in several parts of the state is European frogbit; fortunately, this plant is not in Lake Lansing yet. Another ominous invasive to watch for in the coming years is Hydrilla.

The next discussion focused on the failed Eurasian milfoil (EMF) treatment using Sonar. Pam circulated a report-letter detailing the process and chronology of the treatment. The following is an excerpt of the key outlines of the report:

“The herbicide fluridone was applied to Lake Lansing in two whole-lake applications on May 6 and May 24, 2019 in order to control the non-native plant Eurasian milfoil, but the applications were not successful. On July 9, staff from Progressive, Curt Armbruster, and staff from Michigan Department of Environment, Great Lakes, and Energy (EGLE) surveyed Lake Lansing. Those present discussed amending the EGLE permit to allow alternative treatment to control the milfoil. The amended permit was issued and the lake was treated with diquat dibromide on July 29 and August 5. A survey on August 12 showed no live milfoil remaining.

It is likely that repeated fluridone treatments (1995, 1998, 2001, 2004, 2007, 2010, 2013, and 2016) have favored the growth of fluridone-resistant milfoil which led to this year’s failure. Lake Lansing milfoil plants are being tested to determine whether this is the case; results are expected next spring.

The fluridone manufacturer, SePRO, has indicated that because assays weren’t conducted prior to the treatment, SePRO will not warranty the treatment.

It’s possible that despite the 2019 treatment failure, there may be residual milfoil control in 2020. However, we are planning for a large-scale treatment in 2020 in case milfoil re-growth is extensive. We anticipate using the herbicides triclopyr and florasulam (ProcellaCOR) in 2020. The size and locations of areas to be treated will depend on spring survey results.”

Pam emphasized that fluridone treatment is off the table for next year, but (ProcellaCOR) can be used for EMF. She added that this herbicide is more expensive than fluridone but the cost should be somewhat mitigated due to the shallowness of Lake Lansing because the cost of this herbicide is based on volume and not surface area as the case with Sonar. The spring survey will help determine what herbicide will be used but it’s likely that a systemic herbicide such as 2,4-d will be used.

Pam also explained that the herbicide Diquat is a “broad-spectrum” herbicide which means that it kills other plants than EMF, and as such is not the preferred way to treat but we needed to use it this year.

4. ADJOURNMENT

Chair Armbruster adjourned the meeting at 7:28 pm.