

**Big Sand Lake Advisory Board Regular Meeting
Chain of Lakes Middle School
Tuesday, May 14, 2019**

Board Members Present: John Jennings, Phil Morrill, Ed Grunloh, Alan Charron

Board Members Absent: Victor Jaworski, Christopher Scott

Staff: David Hansen, Orange County Environmental Protection Division (EPD)

Guests: Tim Hay, Rick Barry

I. Call to Order:

Chairman John Jennings called the meeting to order at 5:40 PM.

II. Approval of the May 14, 2019 Agenda:

Upon a motion by John Jennings, seconded by Phil Morrill and carried with all present members voting AYE by voice vote, with Victor Jaworski and Christopher Scott being absent; the Advisory Board approved the May 14, 2019 Agenda as presented.

III. Approval of the March 12, 2019 Meeting Minutes:

Upon a motion by John Jennings, seconded by Phil Morrill and carried with all present members voting AYE by voice vote, with Victor Jaworski and Christopher Scott being absent; the Advisory Board approved the March 12, 2019 Meeting Minutes as presented.

IV. Public Comment on Propositions Before the Advisory Board:

There was no public comment.

V. EPD Report:

1) Aquatic Plant Management Update

David Hansen distributed copies of the aquatic vegetation survey that was conducted on Big Sand Lake in March 2019. He mentioned that hydrilla had been observed in several areas of the lake. These areas were subsequently treated with herbicide by EPD staff. Mr. Hansen also distributed a copy of the breakdown of hours and costs for the treatment of these areas totaling 2.4 acres.

2) Current Projects

Mr. Hansen distributed copies of an e-mail from Orange County Stormwater Division staff which outlined the current status of negotiations between Orange County and others regarding the lowering of the Big Sand Lake outfall.

A brief discussion ensued about the current water level in the lake and Mr. Tim Hay mentioned that the Sand Lake Pointe community dock was finally above water after a year of being submerged.

David Hansen brought up the subject of a hydrologic/nutrient evaluation of the lake to provide a baseline for water quality in the lake and to provide recommendations to maintain that water quality. Phil Morrill and Alan Charron suggested that the latest water quality data could be provided to the Advisory Board members at each Advisory Board meeting to track water quality. David Hansen mentioned that tracking the Trophic State Index over time may be a more meaningful way to track the overall health of the lake and went into a brief explanation of the different trophic states.

Mr. Rick Barry reported that he lives on the cove in the northeast corner of Big Sand Lake. He mentioned that recently there had been an episode of very turbid water in the cove. David Hansen acknowledged this event which he had witnessed and reported to EPD's National Pollutant Discharge Elimination System (NPDES) Section. He mentioned that NPDES Section staff had investigated the turbid water and were unable to find a direct discharge from an adjacent construction site. They did, however, cite a nearby construction site for lack of erosion control.

John Jennings returned to the subject of the hydrologic/nutrient evaluation and offered that a number of studies had been done in the past and had cost quite a bit of money. David Hansen responded that by and large, these studies and evaluations did not primarily address water quality, rather water quantity. He gave Mr. Jennings a binder containing hard copies of these studies and evaluations for his reference.

Phil Morrill suggested that it might be beneficial to acquire a number of data buoys and have them deployed around the lake to monitor water quality. David Hansen mentioned that EPD staff and others were already sampling the water and the data would be more readily available in the future.

3) Future Projects

No future projects were discussed.

VI. Member Reports:

- John Jennings: Mr. Jennings suggested that the meeting reminder e-mail received from David Hansen a week or so before the Advisory Board meeting be supplemented by another reminder on the day of the meeting. Mr. Hansen indicated that he would send the additional reminder e-mail.
- Ed Grunloh: no report
- Alan Charron: Mr. Charron suggested that water quality sampling results from the County's sampling program might be beneficial for Advisory Board members to see. David Hansen said that he would periodically supply results as available.
- Victor Jaworski: not present
- Phil Morrill: no report
- Christopher Stone: not present

VII. Non-Agenda Items

There were no non-agenda items.

VIII. Meeting Adjournment:


The meeting adjourned at 7:10 PM.



John Jennings, Chairman

7/09/19

Date



David Hansen, Minute Preparer

7/9/2019

Date