

**Lake Holden Advisory Board
Regular Meeting
June 17, 2020 at 5:30 p.m.
3165 McCrory Place, Suite 200
Orlando, FL 32803
Webex and Orange Blossom Conference Room**

Advisory Board Members Present: Lionel Robbins (Chair)*, Caroline St. Clair (Vice Chair)*, Mike Powell*, Dana Kruetzfeldt*

Advisory Board Members Absent: None (one vacancy)

Residents Present: Diana Robbins*

Staff & Guests Present: Melissa Lavigne, Tim Hull*, and Liz Johnson*, Environmental Protection Division (EPD)

*denotes attending via Webex

I. Meeting Called to Order:

With a quorum present, Chair Lionel Robbins called the meeting of the Lake Holden Advisory Board (Advisory Board) to order at 5:30 p.m.

II. Approval of the February 12, 2020 Meeting Minutes:

Upon a Motion by Mike Powell, seconded by Vice Chair Caroline St. Clair, and carried with all present members voting AYE by voice vote; the meeting minutes for February 12, 2020 were approved as submitted.

III. Public Comment:

Chair Robbins opened the floor for public comment. Hearing no request, the public comment period was closed.

IV. Environmental Protection Division (EPD) Report:

Environmental Research & Design (ERD) Water Quality and Sediment Evaluation

Melissa Lavigne updated the Advisory Board on Progress Report No. 2 and 3, as follows:

Progress Report No. 2, work efforts February 1 – April 30, 2020:

\$7,962.24 this billing period; \$24,856.22 total billed out of \$101,161.56 project total

Internal Recycling Analysis:

1. Collection of large diameter core samples was conducted at 5 sites in April

2. Sediment incubation and sample collection; the collected samples were returned to the ERD Laboratory and set-up to begin incubation under aerobic conditions.

Review/revise Sub-basin 13 watershed:

3. Pegasus Engineering began gathering and researching GIS information, drainage basin limits, stormwater infrastructure, permit files, and construction plans for the Lake Holden study area.

Progress Report #3, work efforts May 1 – 31, 2020:

\$11,600.12 this billing period; \$36,456.34 total billed to date out of \$101,161.56 project total

Internal Recycling Analysis:

1. Sediment incubation and sample collection; incubation under aerobic conditions completed during May, and the apparatus switched to anoxic conditions.

Review/revise Sub-basin 13 watershed:

2. Pegasus Engineering continued gathering and researching information for the expanded Lake Holden drainage basin.

Aquatic Plant Management Update

Melissa Lavigne reported that aquatic plant treatments were conducted on March 25-26 and April 7, 2020. Treatment maps were distributed. The quarterly aquatic plant management survey was conducted on May 19-20, 2020. The survey reports were distributed. Hydrilla treatments were executed on June 9-10, 2020. OC Alerts were issued with maps of treatment plots. Hydrilla continues to expand around perimeter and into deeper plots despite increased treatments. Melissa Lavigne also distributed a hydrilla treatment tracking report that spanned from 2015 to 2019.

Mike Powell discussed additional triploid grass carp to manage the growth of hydrilla as well as the increasing cost to control. It has now been over one year since the last stocking date on May 9, 2019. Melissa Lavigne also supports additional carp based on the continued expansion of hydrilla. Discussion ensued.

Upon a Motion by Mike Powell, seconded by Dana Kruetzfeldt, and carried with all present members voting AYE by voice vote; the Advisory Board approved stocking up to 400 triploid grass carp in Lake Holden contingent upon recommendations by EPD Lake Management and Florida Fish & Wildlife Conservation Commission.

29th St Outfall (500 29th St at the Alum Station)

Melissa Lavigne relayed the contractor completed the job to clear vegetation from the 29th St Outfall. Chair Lionel Robbins met with residents who live adjacent to the outfall. They expressed concerns with stormwater discharge, trash, and alum that is diverted from the pipe to the east and collects along the shoreline. The diversion is caused by a 25'x50' sandbar that has resulted from stormwater sediment deposits over time. Chair Robbins would like to revisit removing the sandbar (maintenance dredging project). Discussion ensued including asking the City of Orlando to remove sediments from the drainage easement, or possibly installing a turbidity barrier.

Paseo Ave Outfall (600 29th St)

Chair Robbins reported that the outfall at 600 29th St and Paseo Ave is completely overgrown. This is one of the three pipes that treats the lake with alum. His concern is that the flow of alum-treated water does not reach into the center of the lake. A clearing project similar to the recent 500 29th St outfall may be needed.

Upon a Motion by Dana Kruetzfeldt, seconded by Mike Powell, and carried with all present members voting AYE by voice vote; the Advisory Board approved proceeding with an inspection of the drainage easement and obtaining a quote for vegetation clearing.

Cattails

Chair Robbins reported two areas of cattails that were recently sprayed. Internal staff from EPD do not manage cattails on Lake Holden. EPD's contractor does sometime maintain encroaching vegetation. In this instance, the spray area on the west side of lake was controlled by EPD's contractor during routine, monthly maintenance. This is the same area where a past cattail harvesting project was done, and the cattails are minimally managed before the job becomes more involved and expensive. The spray area at the north end of the lake was not controlled by EPD's contractor. This area is near 316 W Michigan St.

Dead Trees on Island

Chair Robbins reported two dead trees on the shoreline of the big island and asked if there should be concern when they fall, potentially land in the lake, float away, and become a navigational hazard. Melissa Lavigne does not recommend removing dead trees for a number of reasons. Despite being dead, they still play a significant part in stabilizing soil and preventing erosion and sedimentation into the waterbody. Additionally, dead trees are valuable to the ecosystem, almost as much as living trees. To learn more about the fascinating role of dead trees, please visit: <https://www.fs.fed.us/pnw/science/scifi20.pdf>. If the trees or limbs were to fall and become a navigational impediment, EPD can have them promptly removed. The Advisory Board concurred to continue to monitor and leave the trees in place.

Shoreline Clearing Violations

Chair Robbins reported two shorelines on the lake that were denuded recently. EPD has a current enforcement case for 919 Springwood Drive (#20-567848). A Notice of Violation had been drafted for the unauthorized activities at this property. The other property is located at 2719 Lake Holden Terrace which falls within the City of Orlando. EPD does not have jurisdiction over the permitting and violation here. Chair Robbins is waiting for a return call from the City of Orlando.

Lake Holden MSTU Fund 1062 Budget Update

A five-year budget history report (2015-2020) was sent in May 2020 in pdf and excel versions.

LakeWatch Sampling

Dana Kruetzfeldt was notified by the LakeWatch program that sampling had been suspended due to the COVID-19 pandemic. She said sampling will begin ramping back up now that the labs have reopened. She also reported a Secchi depth of 11.5 feet in February 2020.

Meeting Schedule

The next routine meeting of the Lake Holden Advisory Board is scheduled for Wednesday, July 15, 2020 at 5:30 p.m.

V. Member Reports:

Vice Chair Caroline St. Clair

- Reported the lake water looks beautiful and clear. Hydrilla is growing in deeper areas of the lake where she hadn't seen before.

Mike Powell

- Inquired about the vacancy and the LakeWatch sample point in the canal. Melissa Lavigne said she thinks District 3 intends to fill the vacancy soon.

Dana Kruetzfeldt

- Said she would look into the LakeWatch sample point in the canal and report during the next meeting.

Chair Lionel Robbins

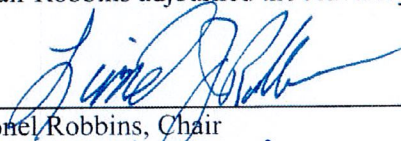
- Commented he was pleased with the ability to resume productive meetings and move forward with projects to protect Lake Holden's water quality.

VI. Non-Agenda Items:

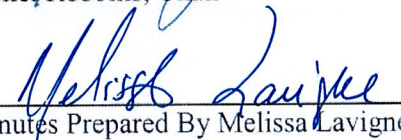
None

VII. Meeting Adjourned:

Chair Robbins adjourned the Advisory Board meeting at 6:27 p.m.


Lionel Robbins, Chair

7-16-2020
Date


Minutes Prepared By Melissa Lavigne

7/16/2020
Date