

Commissioner Brantley called to order the regularly scheduled meeting of the Lee County Mosquito/Hyacinth Control Districts (LCMCD/LCHCD) on April 18th, 2019 at 10:00 a.m. in the William Opp Training Center at District headquarters, 15191 Homestead Road, Lehigh Acres, Florida.

PRESENT:

- Seat 1- Commissioner Ed Brantley, Chair
- Seat 2- Commissioner Brian Farrar, Secretary/Treasurer
- Seat 3- Commissioner Mike Ellis
- Seat 4- Commissioner Steve Bowen
- Seat 5- Commissioner George T. Mann, Jr.
- Seat 6- Commissioner T. Hart
- Seat 7- Commissioner Absent

Legal Counsel – Not Present

STAFF:

Executive Director- Dr. David Hoel	Deputy Director, PIO- Eric Jackson	HR Director- Jackie Small
Executive Administrative Assistant- Summer De La Cruz	Purchasing Manager, Chris Gates	Public Information Specialist, Jamie Fowler
Deputy Director, Lee County Hyacinth Control District- Kevin Watts	Applied Science and Technologies Manager, Rachael Morreale	Milton Sterling- Manager, Science Intelligenc

VISITORS:

- Leo Amos- Matlacha
- Jamie Saunders- St. James City

PUBLIC COMMENTS:

The following citizens addressed the Board:
Leo Amos

MINUTES APPROVAL:

Commissioner Brantley requested board approval for the month of March 2019 meeting minutes. Commissioner Farrar moved to approve the March meeting minutes. Commissioner Mann seconded the motion to approve the minutes as presented. The board unanimously approved.

LEE COUNTY HEALTH DEPARTMENT REPORTS: Jennifer Roth, Director of Epidemiology
For the Lee County Health Department reported that Lee County

CONSENT AGENDA REPORT TOPICS:

- Surplus Property
- Security Services Selection

Commissioner Brantley requested board approval for Surplus property and Security Service selection on the consent agenda. Commissioner Farrar moved to approve the consent agenda. Commissioner Hart seconded the motion to approve the consent agenda. The board unanimously approved.

AGENDA ITEM REPORT TOPICS:

Completion of Embry-Riddle spray tank project update

- Creative Composite Inc. of Wichita, KS will scan the belly of a King Air 200 in Kansas for our King Air saving time and expense. Mr. Bennett stated that this will suffice.
- Embry-Riddle is projecting a date in May to complete the structural analysis and blueprints for the King Air 200 spray tanks. They will provide a letter of guarantee to the engineering quality of the work regardless of who scans the King Air belly. After E-R provides the plans, Creative Composite will begin construction of 3 spray tanks for the 200s.
- DC-3 N198RD has to undergo engine work as part of an annual inspection. Some corrosion was noted on an engine part that will have to be replaced. This is the same aircraft that sustained storm

Regular Board Meeting Minutes

April 18th, 2019

damage several months ago. Despite this, we currently have 2 aircraft available for operations today and will have 3 operational fixed wing aircraft at the start of spray season (next month).

- N483MC (E90) is undergoing the Biennial inspection and one propeller is out for overhaul to Aircraft propeller Works. Will repair as soon as N198RD engine is shipped for repairs.
- Aircraft maintenance has been working on a granular flow sensor devise installation which should be ready to test as soon as operations tells us we can install the hoppers on that aircraft. This will enable helicopter pilots to know exactly when they run out of granular larvicide and save pilots from having to make visual confirmation that insecticide is gone.
- Landing gear components are being reinstalled into N7247Y (Conroe) so that we can finish this aircraft and get it out of the hanger. N762MC (Arizona) is on its way to the paint shop next week.

Aedes sex separator device for SIT: Applied Science and Technologies Manager, Rachael Morreale

Senecio is pleased to provide Lee County Mosquito Control with a proposal for the leading-edge technology in automatic mosquito Sex Sorting and packaging. The company has been developing in the recent years advanced technologies in order to industrialize the Mosquito Sterile Insect Technique. Senecio has been widely acknowledged for its innovation, including: Winning the first prize in Artificial Intelligence for Israeli AI startups in March 2019, winning the Innovation Authority Grand Challenge Award in cooperation with the Israeli Prime Minister economic office following an intensive technology due diligence process; winning the 3rd prize in International startup competition award, Life Science track, Shenzhen, China 2017, and awarding a joint USA-Israeli one million dollar project by the BIRD Foundation for Israeli-USA cooperation in 2015. The Senecio team is comprised of experts in aerospace, automation, robotics and aeronautics, ensuring innovation is in the DNA of the company, demonstrated by the dozens of inventions and its broad patent portfolio. In hopes of a long and mutually beneficial association, Senecio is pleased to submit and provide Lee County MCD with the Senecio Robotic Sex Sorting machine. *Reference- Senecio Ltd | Bikat Ha'yareach 4a Kfar Saba 4463107 Israel*

Rachael Morreale provided a short video:

<https://youtu.be/pP7oYKXOGck>

Rachael Morreale also mentioned to the board that Lee County Mosquito District was awarded a grant for the operational SIT program for \$879,000.

DIRECTOR'S REPORT: Director Hoel will provided an update on recent activities.

Facilities and activities update:

- Three LCMCD personnel attended the annual 3-day Anastasia mosquito workshop. Topics included disease surveillance, emerging vector-borne disease threats, mosquito biology & ecology, and insecticide resistance.
- Spring regulatory tour occurred on the 29th and included 34 members from the EPA, FDACS, DEP, S. Florida Water Management District, others. Aerial granular and liquid applications were made on Beautiful Island and at Harns Marsh to demonstrate challenges to mosquito control and to help them gain a better understanding of our needs.
- Clarke Mosquito Control gave a half-day workshop for CEUs to approximately 50 people on the 15th.
- Target Specialty Products met with LCMCD to discuss field testing of Emperium adulticide, a 2% deltamethrin aerially-applied pyrethroid. There is a possibility of field testing this new product in September, but no sooner due to recent rains and the nearness of mosquito season.
- The Lee County Health Coalition held their first ever meeting here on the 4th• We gave an overview presentation of our operations before their meeting. The coalition develops and promotes the healthcare emergency preparedness and response capabilities of Lee County, they were very appreciative of the use of our facilities and hope to meet again here in the future.
- The DEP met with us on the 9th to discuss insecticide use on state lands and controlled burning.
- On the 10th, members of LCMCD flew to Florida Keys Mosquito Control in Marathon to discuss their use of phone apps that notify alert list county residents of upcoming sprays and to review with our pilots the AStar helicopters, which they are considering a purchase of 1 or 2.

Regular Board Meeting Minutes

April 18th, 2019

- On the 10th, I gave a LCMCD overview PowerPoint presentation to the Rotary Club of Ft. Myers Sunrise to about 30 members.
- Leading Edge Associates gave a drone demonstration to hyacinth and mosquito control ops personnel of their PV35 drone which can disperse up to 35 lbs of liquid or granular pesticide/herbicide.
- 4 members attended a Collier Co. MAD workshop on mosquito control with speakers from around the country giving control talks. Rachel Morreale spoke on our SIT program.
- Demolition of building J is underway. Building J was destroyed by Hurricane Irma.
- The gate by the duplex on the south runway will be replaced in 2 weeks with a keypad-operated electric gate to facilitate entry by EMS and LCSO.
- The water systems on both sides of the duplex have been installed and are ready for use. EMS is already using their side of the duplex.
- The Districts (LCMHCD) have been working on a collaborative project to reduce the reoccurring problem of *Mansonia* and the overabundance of water hyacinth at the Cow Slough Pond/Deep Lagoon Preserve area adjacent to the Kelly Soccer Fields. This location is a Lee County Government owned land parcel contiguous with Conservation 2020 property. LCHCD recently made an accord with the Lee County Parks and Recreation Department and was granted permission to access the waterbody, construct a boat ramp and implement the first phase of a series of aquatic herbicide applications to eliminate the host species *Eichhornia crassipes* for *Mansonia*. Early treatment results are promising, but this is a long term management plan due size of the 18.5 acre waterbody and its 13+ acres of water hyacinth covering the ponds surface.
- Aaron Lloyd, assistant director of Pasco Co. MAD, was recently hired to serve as our assistant director. He begins work on April 29th. Aaron is active with the FMCA board, the Dodd Short Courses Board, the Florida Coordinating Council on Mosquito Control, and has served over 10 years' experience in operational mosquito control. He will be overseeing all operations at the district except for aircraft maintenance.

Sean O'Neill addresses the Board on Tyler Software update.

To date we have brought online:

General Ledger module with all account balances and budget

- Accounts Payable module
- Processed our first complete check run in Tyler
- Bank reconciliations process
- Uploaded inventory and we are working to complete the basic purchasing setup this week
- This will move us to being less reliant on paper in the future and will speed up processing and review

Next week schedule with Tyler:

- Fixed Assets
- Work Orders
- Project Accounting

Payroll Module will be implemented at the beginning of 2020

FISCAL REVIEW: *Commissioner Farrar presented the District Treasurers report for March 2019. Commissioner Farrar moved to approve the Mosquito Control District financials. Commissioner Ellis seconded the motion and the board approved unanimously.*

Commissioner Farrar presented the Hyacinth Control District Treasurers report for March 2019. Motion to approve the Hyacinth financials was made by Commissioner Bowen, and the motion was seconded by Commissioner Bowen; the board approved unanimously.

Regular Board Meeting Minutes

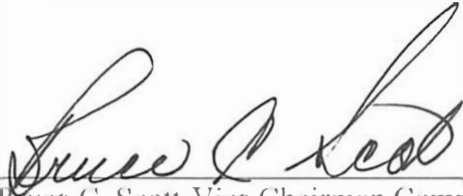
April 18th, 2019

Commissioner Farrar presented the Hyacinth Control District Treasurers report for March 2019. Motion to approve the Hyacinth financials was made by Commissioner ~~Farrar~~ Bowen, and the motion was seconded by Commissioner Bowen; the board approved unanimously.

There being no further business, Commissioner Brantley moved to adjourn. The meeting adjourned at 11:09 a.m.



Commissioner Ed Brantley, Chair
Term: December 2016 – November 2020



~~Bruce C. Scott-Vice Chairman Commissioner Brian Farrar, Secretary/Treasurer~~
Term: November 2018 – November 2022