

Mosquito-Borne Disease Response Workshop Minutes

Florida Mosquito Control District
Marathon Office
503 107th Street
Marathon, FL 33050

January 28, 2020 11:00 am (approximate)

The Board of Commissioners of the Florida Keys Mosquito Control District held a Workshop on Tuesday, January 28, 2020.

Present Were: Phillip Goodman, Chairman; Dr. Stan Zuba, Vice-Chair, Brandon Pinder, Secretary/Treasurer; Tom McDonald, Commissioner; Jill Cranney-Gage, Commissioner; Andrea Leal, Executive Director; Gaelan Jones, Board Attorney.

Employees Present: Mikki Coss, Director of Operations; Bruce Holden, Financial Director; Chad Huff, PEIO; Chrissy Bloxom, Executive Assistant; Rochele Miller, Purchasing Agent; Robert Lee, Director of Aerial Maintenance; Heidi Murray, Research Biologist.

Invited Guest Present: None

Community Input: None

Approval of Agenda: Hearing no changes, the agenda was unanimously approved.

Chairman Goodman stated that this workshop has been called to discuss the FKMCD Mosquito-Borne Disease Response Plan.

Discussion:

- Executive Director Andrea Leal advised the Board that the FKMCD staff members are fully prepared to handle an outbreak in the District. She explained the workshop is broken down into two different types of Vector Responses. The first one is for the *Aedes aegypti* and the second one is for the *Culex* species, *quinquefasciatus* and *nigripalpus*.
- The *Aedes aegypti* mosquito is of the most concern to the District. *Aedes aegypti* is found in urban habitats and can spread Yellow Fever, Dengue, Chikungunya and Zika. *Aedes aegypti* have an 80% human feeding preference.
- The Department of Health will contact FKMCD of the potential imported or locally-acquired cases. If confirmed, all adult *Aedes aegypti* will be collected, pooled and sent for testing, including samples collected prior to confirmation. Director Leal explained the procedures FKMCD will follow if the DOH confirms a local case. She went over FKMCD Field Inspector procedures that are followed, as well as the media and education procedures.
- The *Culex* species, *quinquefasciatus* and *nigripalpus*, are found in either urban habitats, catch basins, solutions holes or field habitats. The *Culex* species can spread St. Louis Encephalitis and West Nile. The *Culex* species are opportunistic feeders. They will feed on birds, humans, mammals and reptiles.
- Director Leal explained that there are more inspectors focused on *Culex* control, due to both species utilizing field and domestic sites.
- FKMCD response to a *Culex* species confirmed case is the same procedure as the response to an *Aedes aegypti* confirmed case. The only difference in response is the coordination of agencies. The Florida Wildlife Commission will be included on messaging and reporting of dead birds.
- Director Leal advised the Board of a few key points: * Funding is available for mosquito-borne disease response * There are high risk areas in the Keys that are focused on a regular basis * Potential MOU's with DOH and Navy * Collaborations with Universities during ongoing transmission.

Director Leal thanked her staff for all of the hard work that went into developing the mosquito-borne disease response plan. The Board agreed it was a very good plan and well prepared.

ADJOURN: There being no further business to come before the Board, the workshop was adjourned.

Respectfully submitted,

*Andrea Leal
Executive Director*

*Board of Commissioners
Florida Keys Mosquito Control District*

Phillip L. Goodman, Chairman

Brandon Pinder, Secretary-Treasurer