



Interoffice Memorandum

AGENDA ITEM

NO ACTION

July 17, 2014

TO: Mayor Teresa Jacobs
-AND-
Board of County Commissioners

THRU: Christopher Hunter, M.D., Ph.D., Acting Director
Health Services Department

FROM: Thomas P. Breaud, Ph.D., Manager
Mosquito Control Division
Contact: (407-836-9122)

SUBJECT: Mosquito-borne Disease Threats
Discussion Agenda – August 5, 2014

Orange County Mosquito Control and the Florida Department of Health have recognized mosquito-borne diseases such as Dengue Fever and Chikungunya pose an emerging threat to the residents of Orange County. The mosquitoes that spread these diseases are domestic insects frequently found near homes in Central Florida. Locally transmitted cases of Dengue Fever were reported in the Florida Keys in 2009, and are now being found throughout South Florida. Chikungunya has rapidly spread through the Caribbean since 2013, and several individuals in Central Florida have tested positive for this disease after traveling to endemic regions. The key to preventing local transmission of these diseases is control of the mosquito population. There are straight forward measures to accomplish this goal, and community engagement is the key to making it a successful process.

At the August 5, 2014, Board of County Commissioner's Meeting, I will present information on Mosquito-borne disease threats and the control methods available to decrease the likelihood of local transmission.

This presentation is for informational purposes only. No Board action will be requested.

CH:sb

Cc: George A. Ralls, M.D., Acting Deputy County Administrator