

# LEE COUNTY

## MOSQUITO/HYACINTH CONTROL DISTRICTS



**August, 2015**

August 6th: Workshop 8:30 am—Board Mtg. 10:00 am

August 6th: Tour—The Imaginerium, Eric Jackson

August 23-28th: Navy Entomologists here—Training

August 31st—Sept. 4th: 3 EPA Employees

Please welcome Kara Tyler-Julian as our Mosquito Control Biologist I, who will assume responsibilities for the Cape Coral/North Fort Myers area. She will be working closely with Michael Thomas during the training. Kara will be reporting to Katie Heggemeier.

Please welcome Thais (pronounced Tice) Pineda Alfonso who is a temporary employee working to assist Keith Lowe in the IT Department. She will be using Nathin's old office, Ext. 2116.

July 16th, Our Executive Director and Mosquito Control Science Intelligence Department along with Hyacinth Control District met with representatives from *Google.com* to discuss our methods of controlling mosquitoes. They wanted to talk about how we monitor for mosquito borne disease; what software we use and how we leveraged GIS information. We emphasized our IPM approach, our disease surveillance program and that every spray vehicle and application is tracked by GIS. Our Hyacinth Control District also explained their data-management system (in general terms) how they utilize the creation of polygons which are numbered, color coded measured and queried for historical weed-control applications.



The *Google* group was impressed by our operation, our in-house surveillance analysis and the immediacy necessary for us to respond to breeding mosquitoes.



Excessive amounts of stormy rains were the keywords for the month of July. We were 2" above normal for most of the month and temperatures hovered in

the 90's.

As of June, 2015, all *Material Safety Data Sheets (MSDS)* should have been rewritten as *Safety Data Sheets (SDS)*. OSHA will have all SDSs' across the world share a common format and in this time of global trade; that is no small deal. The data involved is pretty much the same with some big additions:

Hazard Identification Section was moved up to the #2 spot and the Composition/Ingredients section pushed back a spot. The hazard Section will have universal hazard symbols, signal words, hazards statements and precautionary statements. Signal words have changed from 3 to 20 words. Danger and Warning: The Caution signal word was dropped as being too vague or confusion.

Up until now, these data sheets were written with little or no uniformity and while the EPA regulates product labels, OSHA, whose major goal is to protect workers, does the same for SDS.

If you work OFF the compound, you should have the newest copy in your vehicle. In case of an accident, incident or spill, these documents will help you be aware of any dangers and will help aid in transport or disposal considerations. If rescue vehicles come on-scene, the SDS will be asked for by first responders like Fire, EMS or Police. Please see me, Brian Cotterill, if you do not have the correct papers.

**2015 Field Activity**

ACRES TREATED	GROUND ADULTICIDING	AERIAL ADULTICIDING	GROUND LARVICIDING	AERIAL LARVICIDING	SERVICE REQUESTS
January	7,697.7	0.0	15.3	0.0	72.0
February	0.0	0.0	8.9	127.1	25.0
March	12,718.4	0.0	11.4	862.4	121.0
April	15,206.4	0.0	11.5	570.2	119.0
May	27,582.1	0.0	64.4	9,255.8	240.0
June	126,786.4	106,848.6	190.1	9,695.7	666.0
July					445.0
August					
September					
October					
November					
December					
<b>Y-T-D Totals</b>					

Shelly Redovan and Jon Hornby were busy with news and print media people from WINK TV, Channel 20 and *The Cape Coral Breeze*. They have been very interested in the large amounts of rain deluging Lee County during the July 24th-25th-26th-27th weekend. Parts of our Regional Southwest Airport area received over 8" of rain. Many of Lee County's roads are flooded. "Their basic question was— How will this amount of rain affect our mosquito population?"

Even through these heavy rains, our personnel have been checking all areas of Lee County through our trap-truck system and our field inspectors are checking larvae counts out in very wet fields and neighborhoods. Our spray trucks and planes have been spraying in the evenings which has given Lee County great amounts of spray coverage which means mosquito control.

A good side of this rainfall is that Lee County was at least 3" low overall compared to the rain table of the same time last year. As one supervisor said, "the aquifers need to be filled."

Rita Maiss has an interesting military write-up in *The Cape Coral Breeze* and *The Pine Island Eagle* by Cynthia Williams. The title is: "EX-Army Blackhawk pilot now flying for Lee County Mosquito Control. The article talks extensively about what we do in Lee County to control mosquitoes.

I have extra copies at my desk.



**Upcoming events for August:**

3 Navy Entomologists coming to observe our mosquito management procedures from August 23rd to August 28th.

Annual HazMat classes for our Level 5 Incident Commanders which will be held in Key West, August 25th-26th and 27th.

August 31st, we will have a group of employees from the Environmental Protection Agency to observe our procedures.

Seasonal Laboratory Technician, Drew Liddick has completed his seasonal employment with LCHCD. His last day will be Friday, July 31st.

David Dolan, Summer FVAL Assistant will leaving Friday, August 7th to return to school.

Good luck Gentlemen.