

LEE COUNTY

MOSQUITO/HYACINTH CONTROL DISTRICTS



September, 2014

Important Calendar Dates:

Sept. 04th: 4:30-6:30 pm—Board Mtg. & 1st Budget Hearing

Sept. 11th: 4:30-6:30 pm—Board Mtg. & 2nd Budget Hearing

Sept. 29th: Leadership Bonita Springs

Sept. 30th: Supervisors' Mtg. 2:30 pm

Oct. 1st: Flu Shots, Admin. Bldg. Training Rm., 8-9:30 am

TODAY SHOW VISIT, JULY 31, 2014

Mr. Kerry Sanders, of the NBC *Today Show* and the Weather Channel, visited LCMCD's Research Lab on July 31, 2014. Mr. Sanders was testing the "development" of a new Phone App that claimed to chase away mosquitoes that are attracted to your body. Mr. Sanders and Michael Nichols, LCMCD,



used the free phone app inside a cage full of live mosquitoes. They were bitten horribly while filming a live shot on the *Today Show*. Mr. Sanders duplicated this same procedure—LIVE—on the Weather Channel. After the TV spots were done, he asked if we had any calamine lotion for his reddened and swollen arm.



Kevin Watts reports that LCHCD is in the initial process of an ongoing project for spatterdock control at Lakes Park. Lee County Natural Resources Department reached out to us for help with this ongoing problem after the filter marsh was constructed. The issue of the overabundance of spatter dock has raised concerns for the residents who share the spreader waterway with Lakes Park. District staff has completed the first application process with this project in hopes to visibly reduce the potential eyesore adjacent to this community. Establishing an ecological and sustainable management plan is of the utmost importance for our District. Future efforts will continue with monitoring of oxygen levels, plant growth assessment and mechanical control.



August 5, 6 and 7th, our Level 5 HazMat team, George Baker, Don Claytor, Brian Cotterill and Gary Skelton, attended the 20th Annual Environmental Management & Chemical Spill Response Training class in Key West. The temperatures were in the 90's and 100's but all participated in suiting with Protective Gear; performing roles as a Chemist on-site; a Public Information Officer and provided medical help to anyone who may have been injured in a mock-spill situation. All class members performed these duties in front of a group that was judging their procedures.

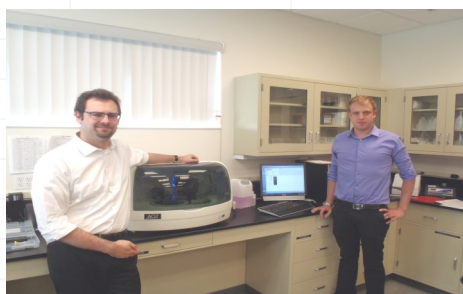
The goal of these classes is to retain our OSHA Level V Incident Commander status for another year.

2014 Field Activity

ACRES TREATED	GROUND ADULTICIDING	AERIAL ADULTICIDING	GROUND LARVICIDING	AERIAL LARVICIDING	SERVICE REQUESTS
January	4,643.4	0.0	1.1	0.0	17.0
February	7,240.3	0.0	35.0	1,166.2	57.0
March	2,213.2	0.0	11.6	1,902.5	50.0
April	17,845.0	0.0	24.1	427.0	124.0
May	21,112.4	0.0	41.8	3,498.3	199.0
June	56,243.1	0.0	72.4	7,742.4	485.0
July	107,731.4	168,064.3	177.7	11,323.9	630.0
August					365.0
September					
October					
November					
December					
Y-T-D Totals					



Ernesto Lasso de la Vega, Hyacinth Laboratory Supervisor and Pond Watch Coordinator reports acquiring a new automatic water quality analyzer—the AQ2 from Seal Analytical. This instrument is capable of running automatic analysis of Phosphorus and Nitrogen for up to 50 water samples at a time. Ernesto states “the precision and accuracy is incredible and it generates less waste products.” Pictured below are representatives from SEAL Analytical, Joseph Redovich and Paul Schulz who spent one week in our facility providing the setup of the instrument and the training.



From Jon Hornby's Desk: The FGCU-LCMCD study *Measuring the fate and non-target impacts of Dibrom using aerial ultra low volume (ULV) spray technology in mangrove and open marsh wetlands* has been progressing well thanks to the help provided by many LCMCD staff. I will not attempt to list all those involved because I'll certainly miss several people that have helped on this project without my knowledge. I will say that I believe every department and section of the District has participated in the preparation or carrying out of the study. Thank you all for your unselfish assistance. This project even brought several FGCU students onto the District campus for three weeks to sort and count many of the samples collected.

