

**HIGHWAY AND BRIDGE MAINTENANCE
MOSQUITO CONTROL**

Fiscal Year 2008

Goal Statement

To suppress mosquitos and other arthropods in order to provide protection from mosquito-spread disease and to improve the comfort and quality of life for county residents.

Performance Measures	FY06 Actual	FY07 Actual	FY08 Budget	FY08 Actual	% Change FY07-FY08	Variance Number
Number of requests	4,353	5,810	10,000	10,770	85%	1
Number of acres treated by aerial adulticiding	0	50,408	200,000	169,000	235%	2
Number of acres treated by ground adulticiding	148,720	199,764	325,000	301,360	51%	3
Number of acres treated by ground larviciding	7,469	4,733	9,000	3,136	-34%	4
Number of premises inspected	82,674	74,568	60,660	72,949	-2%	
Number of workdays to respond to citizens' requests	2	2	3	3	50%	5
Cost per acre for aerial adulticiding (dollars)	N/A	0.67	1.01	0.61	-9%	

Explanation of variances greater than 15 percent:

- 1** Number of requests increased from FY2007 due to more tropical storm winds from the West, which created more mosquitos and led to more requests for spray service.
- 2** The increase in number of acres treated by aerial adulticiding in FY2008 is due to weather conditions and high populations of mosquitos creating the need for more acres to be sprayed by aircraft.
- 3** The increase in number of acres treated by ground adulticiding in FY2008 is due to weather conditions and high populations of mosquitos creating the need for more acres to be sprayed by ground vehicles.
- 4** In FY2008, Mosquito Control had fewer crews to ground larvicide that resulted in less acres being treated.
- 5** Number of workdays to respond to citizens' request increased in 2008 due to vacancies and a greater demand for spraying.