

**HIGHWAY AND BRIDGE MAINTENANCE  
MOSQUITO CONTROL**

**Fiscal Year 2007**

**Goal Statement**

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

<b>Performance Measures</b>	<b>FY05 Actual</b>	<b>FY06 Actual</b>	<b>FY07 Budget</b>	<b>FY07 Actual</b>	<b>% Change FY06-FY07</b>	<b>Variance Number</b>
Number of requests	7,774	4,353	10,000	5,810	33%	<b>1</b>
Number of acres treated by aerial adulticiding	80,000	0	200,000	50,406	100%	<b>2</b>
Number of acres treated by ground adulticiding	246,060	148,720	325,000	199,764	34%	<b>1</b>
Number of acres treated by ground larviciding	5,323	7,469	10,000	4,733	-37%	<b>3</b>
Number of premises inspected	49,926	82,674	60,660	74,568	-10%	
Number of workdays to respond to citizens' requests	2	2	3	2	0%	
Cost per acre for aerial adulticiding (dollars)	N/A	N/A	1.01	0.67	N/A	

**Explanation of variances greater than 15 percent:**

- 1** The number of citizen requests to spray has increased from last year thus increasing the amount of acres treated by ground adulticiding.
- 2** The number of acres treated by aerial adulticiding increased from last year because the criteria to do aerial spreading was not met in FY06. The criteria is met by a substantial increase in the number of requests from the public within a short period of time or by a three fold increase of mosquitoes in surveillance traps.
- 3** The number of requests has decreased from last year due to less yearly rainfall and drought conditions, resulting in less mosquito activity and thus less larviciding needed.