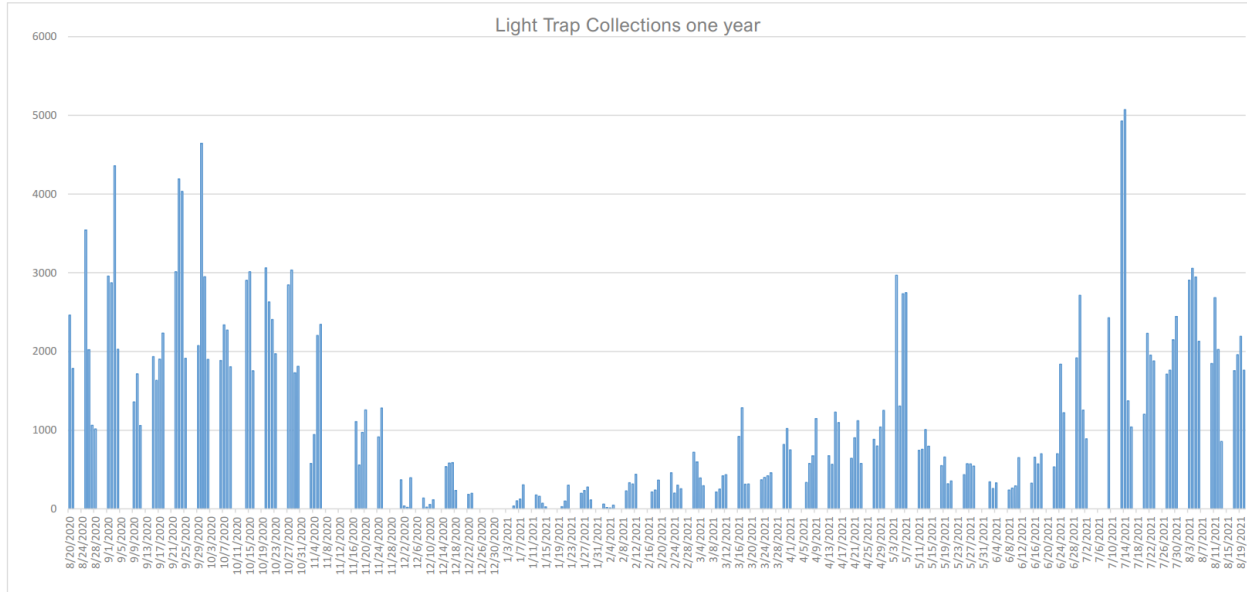
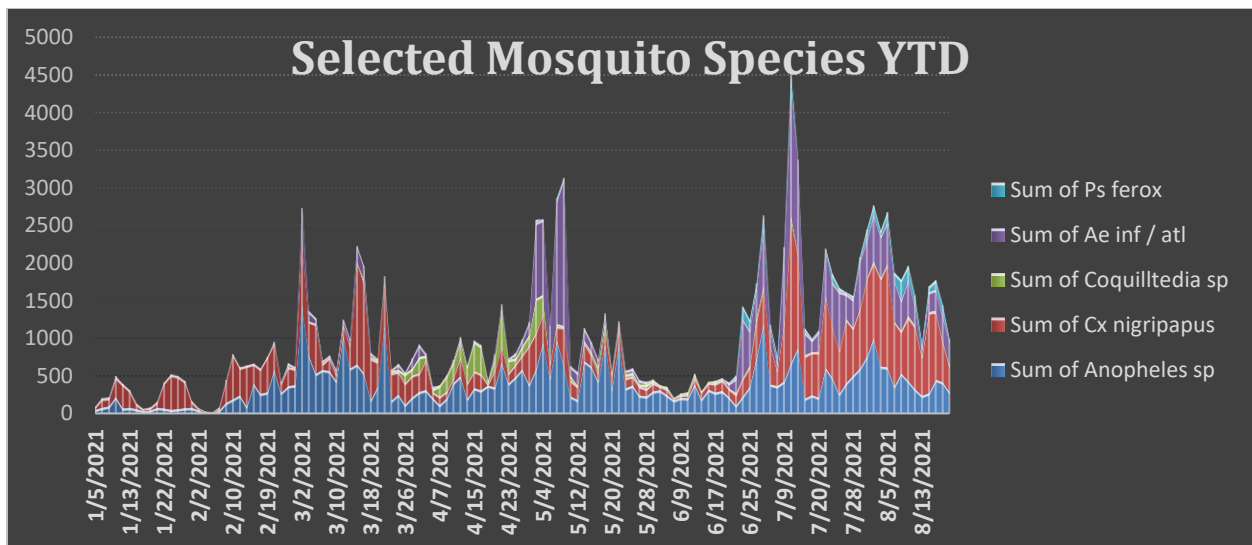


## Week of 8/16/2021 Operations Update

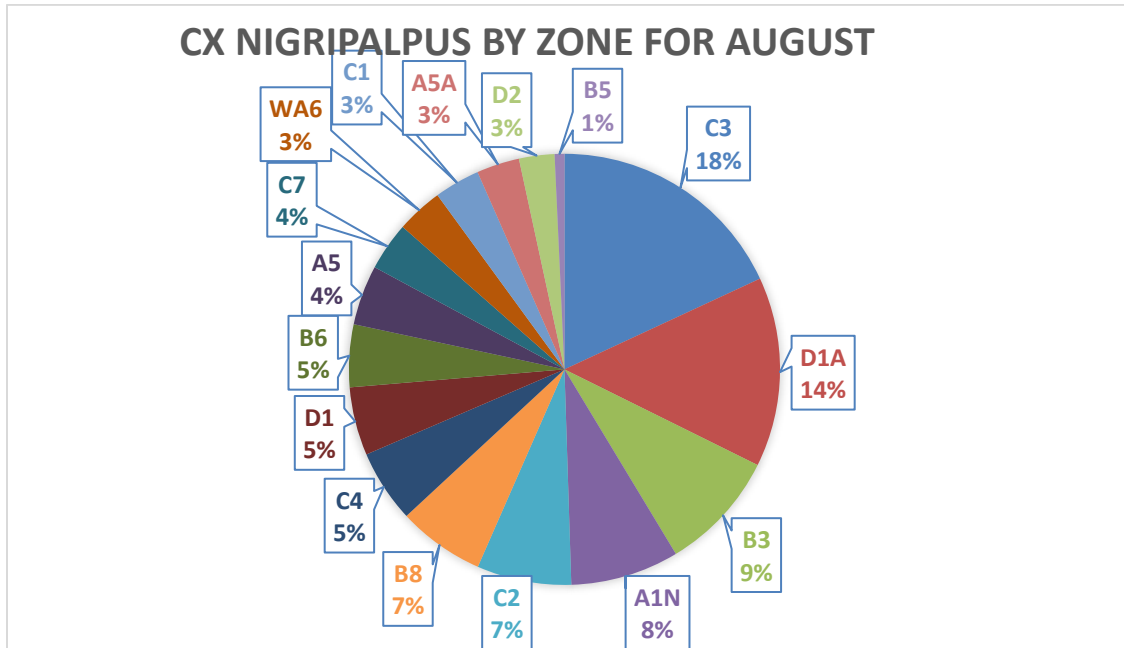
The flood-water mosquito population was much reduced post spray application from last week and a decrease in the previous week's dominant permanent water species as well. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).



The population of the flood-water species of *Aedes infirmatus* was reduced to low levels following treatments the previous week. The permanent-water species *Culex nigripalpus* made up the largest share of the total mosquito population this week but was much reduced following control measures (chart below). Whether *Culex nigripalpus* continues to flourish has much to do with how wet the swales and other flooded areas remain as this species continuously lays eggs in standing water.



It is unusual, to say the least, to have the largest portion of *Culex nigripalpus* to be trapped in a zone to be in the W-section of Palm Coast (Chart below). However, a large land clearing project has commenced off White View Parkway.



Zones highlighted in yellow on the map below were sprayed by truck this week.

