

Catch Basin Treatment in Savannah Georgia, Heather Ferguson

- a) Initiated stormwater/catch basin treatments in 2003
- b) WNV hot zone
 - i) 23.5 square miles in downtown Savannah
 - ii) 8500 stormwater drains
- c) Mosquito activity
 - i) 39 species
 - ii) 2 species found in storm drains
 - (1) *Aedes albopictus*
 - (2) *Cx quinquefasciatus*
 - iii) Very active breeding sites
- d) Treatment strategies
 - i) >30 days to finish treatment by hand
 - ii) 2004 – mozzies
 - (1) 250 days
 - (2) 2 employees
 - (3) 100-150 basins treated per team per day
 - iii) Scooters
 - (1) TGB Adventure 101S
 - (2) ~30 MPH
 - (3) ~70 miles per gallon
 - (4) No license needed
 - (5) Did training and practice before buying
 - (6) Motorcycle Safety Training program
 - iv) 2005 – first used scooters
 - (1) Altosid pellets using funnel & hose
 - (2) Switched to WSP
 - (3) Could treat 300-350 stormdrains per operator per day
 - v) 2006
 - (1) Switched to *B sphaericus* WSP
 - (2) Resistance deterrent
 - (3) Will switch each year
- e) Work in pairs
 - i) 5 scooters
 - ii) 2 teams per day
 - iii) 4 operators
- f) Treat high traffic areas very early morning
- g) Goal – reduce ground adulticiding