



Guidelines for Submitting Mosquito Pools
(last updated 11 May 2012)

1. **Due to budget cuts no mosquito pools will be tested this year unless you have your own SCWDS contract.**
2. If you are using light traps, do not send nulliparous mosquitoes for testing. They have never had a blood meal and will not be positive. Wait to collect at least a week after a large emergence before shipping mosquitoes for testing.
3. You may want to consider testing the following vector species:
 - a. *Culex quinquefasciatus*
 - b. *Culex restuans*
 - c. *Culex salinarius*
 - d. *Culex nigripalpus*
 - e. *Culex coronator*
 - f. *Culiseta melanura*
 - g. *Coquillettidia perturbans*
 - h. *Ochlerotatus triseriatus*
 - i. *Ochlerotatus japonicus*
 - j. *Aedes aegypti*
4. Sort mosquitoes by sex, species, and collection site into pools of 1-25 mosquitoes/pool. Unless you have been asked to provide blood-fed mosquitoes to SCWDS, put NO in the column labeled "Blood Fed?" on the submission sheet.
5. Vials and a cardboard box for vials will be provided by SCWDS. Place vials in order in the cardboard box, place each box in a baggie, and ship the box(es) of vials and a **copy of the submission form(s)** in an insulated shipping container with dry ice via "priority" overnight courier. The submission form can be found at:
<http://health.state.ga.us/docs/epi/vbd/mosquito%20submission%20form.xls>.
6. **Neither SCWDS nor the Epidemiology Branch provides shipping supplies.** If you need information on where to buy shipping containers, please contact Rosmarie Kelly at GDPH (rmkelly@dhr.state.ga.us). Also, if you would like SCWDS to ship your containers back to you, please provide them with an accurate shipping label with your address on it and instructions to that effect. This returning of shipping boxes is a courtesy only and will not be done if a correct return address label is not supplied. PLEASE DO NOT CALL THE LAB ASKING FOR YOUR BOXES.
7. Label vials using a water/smear resistant Sharpie with the following information and in this order; county (3 letter abbreviation), year, and pool number (i.e. - the first pool from Chatham County in 2012 will be labeled CHC-12-001) - **do not deviate from this protocol or get too creative with abbreviations.** If sense cannot be made out of your labeling scheme, the sample will not be tested. Please check with Dr. Mead before deciding on an abbreviation so that counties do not use the same abbreviation.
8. **DO NOT DUPLICATE NUMBERS.** Keep records for yourself so that you do not duplicate numbers. **This is important.** Duplicate numbers cause everyone a lot of problems and can invalidate test results.

9. **Notify SCWDS that you are sending mosquitoes 24 hours prior to shipping (dmead@uga.edu)**
- try to give an estimate of the number of pools you will be sending (a ball park guess will be fine). If this is not done the lab will not be prepared for your samples and they may not be tested in a timely manner.
10. E-mail the completed submission sheets (Font - Times New Roman 10 pt type) to dmead@uga.edu when you ship the samples.
11. **Positive results will be reported to the submitting district or county health department ASAP. Please give UGA permission to send mosquito pool results to the GDPH.** Be aware that it may take up to two weeks to obtain results, although positive results are generally received from the lab in less than a week. **Please do not contact SCWDS for bird or mosquito test results.** Negative results will not be reported, but you may call Rosmarie Kelly at the GDPH (404-657-2912) if you have questions about any specific submission. If you do not get positive results for a mosquito pool within two weeks after submission, it is likely that it is negative for any of the common arboviruses.
12. Individual mosquito pool test results will not be provided to the public except at the discretion of the district or county health department.
13. If you are trapping mosquitoes at someone's home, please let that person know if the mosquito pools are positive and give them information on personal protection and source reduction measures.
14. Updated maps will routinely be placed on the GDPH website for public information.

***** Do not ship mosquitoes on Fridays!! *****

Shipping Address:

Dr. Daniel Mead
589 D.W. Brooks Drive
Wildlife Health Building
Athens, GA 30602-4393

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