



## **Checklist - Processing BG Sentinel II Traps & Adult Samples**

- Notify site security of your intention to visit surveillance sites

### **Processing BG Sentinel II Traps**

- DO NOT TURN THE TRAP OFF**
- Close the shutter of the intake funnel.
- Lift the intake funnel out of the trap, keeping the catch bag within the suction current of the fan, to ensure no mosquitoes escape (approximately 10 cm).
- Carefully pull the catch bag off the intake funnel and simultaneously pull the cord of the catch bag tightly shut.  
Ensure the catch bag remains in the suction current throughout this process.
- Replace the catch bag with a fresh one, ensuring the seams are on the outside of the bag.
- Return the intake funnel to the trap.

-If using a battery, replace it with a fresh one. BG lures are replaced every 6 months.

### **Processing Adult Samples from a BG Trap**

- Place catch bag in freezer for at least an hour.
- Turn the catch bag inside out over a sheet of white paper.
- Remove specimens that are attached to the catch bag with soft paint brush (preferred) or fine tweezers.
  - Be very careful not to damage the specimens.
- Remove any spiders, moths or large non-mosquitoes.
- Place in a sample tube with rolled up tissue paper (**no cotton wool**)
- Add label with PHU, unique identifier (sample number), sampler, date and site ID (the same as the database) written in **pencil** to tube.
- Put tubes in ziplock bag and package to send to lab.
  - Ensure that the samples are protected, either using bubble wrap or a padded envelope.
- Add sample records to database (complete all the information required).
- Send samples to the lab.
- Wash the catch bag using water (**no scented soap**) to remove any dust or grime that has accumulated and allow it to dry fully before reusing.

