



Checklist - Processing Gravid *Aedes* Traps (GAT) & Adult Samples

- Notify site security of your intention to visit surveillance sites

Processing a Gravid *Aedes* Traps (GAT)

- Due to the insecticide any adults inside the trap should be dead.
- Remove the translucent chamber and separate the mesh/catch net from the bottom.
- Collect specimens from the trap (see below)
- Replace the water in the bottom black chamber with fresh aged water.
 - Aged water can be made using 1 rabbit pellet in 10L of water and setting it aside for a week.
- Clean the trap if it is slimy or dirty.
 - The mesh/catch net should be cleaned as well if it is dirty. This may mean the mesh/net needs to be replaced to allow the dirty one to be taken away to wash it.
- Inside of trap can then be re-sprayed with insecticide and s-methoprene can be added to the water.
- Once re-sprayed trap can be replaced.

Processing Adult Samples from a GAT

- Tip the catch net/mesh over a sheet of paper or remove specimens from the mesh/catch net directly using a 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.

