

## Mid Atlantic Mosquito Control Association

### 2013 Conference Notes

#### Stormwater Management Facilities & Mosquito Control - Tim DuBois

- a) What is a storm water management facility?
  - i) Holding areas
  - ii) Removes sediment from water before it is released into a larger body of water
- b) Types
  - i) Retention basins
    - (1) Hold water after rain event
    - (2) Can become very overgrown
    - (3) Inlet placement is vital
    - (4) Can breed many mosquitoes
  - ii) Detention basin
    - (1) Hold water for very short periods
    - (2) Sediment accumulation can cause ruts that hold water and breed
  - iii) Bio retention cell
    - (1) Mostly underground
    - (2) Filters storm water
    - (3) Sends water to an existing storm water line
    - (4) Trash buildup will clog filter
  - iv) Manufactured BMP
    - (1) Similar to a catch basin
    - (2) Breed mosquitoes
  - v) Green BMPs
    - (1) Permeable pavement
    - (2) Rain barrels
- c) Inspection process
  - i) Check inlet for clogs
  - ii) Outlets should be clear
  - iii) Check for vegetation growth in storm water facility